SOUTHWEST TEXAS COLLEGE
CALENDAR FOR THE 2025 – 2026 ACADEMIC YEAR

FALL SEMESTER 2025
1st 8 -Week Semester (August 18th – October 18th)

March 31 – August 8 ....REGISTRATION

August 1, Friday ....Last Day to Apply for Admission (1st 8- week semester)

August 8, Friday, 4:00 p.m. .... Payment Due

August 11 – August 19, Monday - Tuesday ....Late Registration (Pay as you go)

August 13, Wednesday, 8:00 a.m. .... Dormitories Open
    8:30 a.m. .... General Faculty Meeting

August 18, Monday, 8:00 a.m. ....First Day of Classes

August 25, Tuesday ....6th Class Day (Official Census Date)

September 1, Monday. .... Labor Day Holiday

September 12, Friday, 4:00 p.m. .... Withdrawal Deadline

October 9, Thursday .... Fall 1st 8-Week Semester Final Exams

October 10, Friday, 12:00 p.m. .... All Grades Due

October 24, Friday, 4:00 p.m. ....Application Deadline – Fall Graduation

March 31 – August 8 ....REGISTRATION

August 1, Friday ....Last Day to Apply for Admission (16-week semester)

August 8, Friday, 4:00 p.m. .... Payment Due

August 11 – August 19, Monday - Tuesday ....Late Registration (Pay as you go)

August 13, Wednesday, 8:00 a.m. .... Dormitories Open
      8:30 a.m. .... General Faculty Meeting

August 18, Monday, 8:00 a.m. ....First Day of Classes

September 1, Monday.. Labor Day Holiday

September 3, Wednesday .... 12th Class Day (Official Census Date)

October 10 Friday, 12:00 p.m..Mid-Semester Grades Due

October 24, Friday, 4:00 p.m..Application Deadline – Fall Graduation

November 10, Monday, 6:00 p.m... Withdrawal Deadline

November 26 - 28, Wednesday - Friday.. Thanksgiving Holiday

November 29 – December 4, Saturday - Thursday .... Fall Semester Final Exams

December 5, Friday, 12:00 p.m. .... All Grades Due

December 9, Tuesday, 4:00 p.m. ....All offices close for Winter Break

March 31 – October 3..REGISTRATION

October 3, Friday...Last Day to Apply for Admission (2nd 8-week semester)
    4:00 p.m.. Payment Due

October 6 - 14, Monday - Tuesday...Late Registration (Pay as you go)

October 13, Monday, 8:00 a.m. ....First Day of Classes

October 20, Monday...6th Class Day (Official Census Date)

October 24, Friday, 4:00 p.m..Application Deadline – Fall Graduation

November 10, Monday, 4:00 p.m. ....Withdrawal Deadline

November 26 - 28, Wednesday - Friday.. Thanksgiving Holiday

December 3, Wednesday .... Fall 2nd 8-Week Semester Final Exams

December 5, Friday, 12:00 p.m. ....All Grades Due

December 9, Tuesday, 4:00 p.m. ....All offices close for Winter Break

October 20 – January 5 .... REGISTRATION

December 26, Friday .... Last Day to Apply for Admission (1ˢᵗ 8-week semester)

January 5, Monday .... Offices Open After Christmas Holidays
    6:00 p.m. .... Payment Due

January 5 - 13, Monday - Tuesday .... Late Registration (Pay as you go)

January 6, Tuesday, 8:30 a.m. .... General Faculty meeting

January 7, Wednesday, 8:00 a.m. .... Dormitories Open

January 12, Monday, 8:00 a.m. .... First Day of Classes

January 19, Monday .... Martin Luther King Jr. Holiday

January 20, Tuesday .... 6ᵗʰ Class Day (Official Census Date)

February 6, Friday, 4:00 p.m. .... Withdrawal Deadline

March 4, Wednesday .... Spring 1ˢᵗ 8-week Semester Final Exams

March 6, Friday, 12:00 p.m. .... All Grades Due

March 9 - 13, Monday - Friday .... Spring Break

April 3, Friday, 4:00 p.m. .... Application Deadline – Spring Graduation

SOUTHWEST TEXAS COLLEGE
CALENDAR FOR THE 2025 – 2026 ACADEMIC YEAR

SPRING SEMESTER 2026
16-Week Semester (January 12ᵗʰ – May 8ᵗʰ)

October 20 – January 5 .... REGISTRATION

December 26, Friday .... Last Day to Apply for Admission (16-week semester)

January 5, Monday .... Offices Open After Christmas Holidays
  6:00 p.m. .... Payment Due

January 5- 13, Monday - Wednesday .... Late Registration (Pay as you go)

January 6, Tuesday, 8:30 a.m. .... General Faculty meeting

January 7, Wednesday, 8:00 a.m. .... Dormitories Open

January 12, Monday, 8:00 a.m. .... First Day of Classes

January 19, Monday .... Martin Luther King Jr. Holiday

January 28, Wednesday .... 12ᵗʰ Class Day (Official Census Date)

March 6, Friday, 12:00 p.m. .... Mid-Semester Grades Due

March 9 - 13, Monday - Friday .... Spring Break

April 3, Friday .... Easter Holiday

April 6, Monday, 8:00 a.m. .... Offices open/classes resume after Easter Holiday
  6:00 p.m. .... Application Deadline – Spring Graduation

April 17, Friday, 4:00 p.m. .... Withdrawal Deadline

May 2 - 7, Saturday - Thursday .... Spring Semester Final Exams

May 7, Thursday 12:00 p.m. .... All Grades Due

May 8, Friday, 4:00 p.m. .... Spring Semester Closes

TBA .... Commencement

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SOUTHWEST TEXAS COLLEGE
CALENDAR FOR THE 2025 - 2026 ACADEMIC YEAR

SPRING SEMESTER 2026
2nd 8 -Week Semester (March 16th – May 7th)

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October 20 – February 27 ....EARLY REGISTRATION

February 20, Friday .... Last Day to Apply for Admission (2nd 8-week semester)

February 27, Friday, 4:00 p.m. .... Payment Due

March 2 - 17, Monday - Tuesday ....Late Registration (Pay as you go)

March 9 - 13, Monday - Friday ....Spring Break

March 16, Monday, 8:00 a.m. ....First Day of Classes

March 23, Monday ....6th Class Day (Official Census Date)

April 3, Friday .... Easter Holiday

April 6, Monday, 8:00 a.m. .... Offices open/classes resume after Easter Holiday
6:00 p.m. .... Application Deadline – Spring Graduation

April 17, Friday, 4:00 p.m. .... Withdrawal Deadline

May 6, Wednesday ....Spring 2nd 8-Week Semester Final Exams

May 7, Thursday 12:00 p.m. .... All Grades Due

May 8, Friday, 4:00 p.m. .... Spring Semester Closes

Commencement.. TBA

SUMMER SESSION I – 2026
(FIRST TERM - SIX WEEKS)

March 23 – May 15...REGISTRATION

May 8, Friday .... Last Day to Apply for Admission (Summer I)

May 15, Friday, 4:00 p.m. .... Payment Due

May 18 – May 27, Monday – Tuesday...Late Registration (Pay as you go)

May 25, Monday ....Memorial Day

May 26, Tuesday, 8:00 a.m. ....First Day of Classes

June 1, Monday ....4th Class Day (Official Census Date)

June 19, Friday, 4:00 p.m. .... Withdrawal Deadline

June 30, Tuesday .... Summer I Final Exams

July 1, Wednesday, 12:00 p.m.. Grades Due
End of Summer Session I

SUMMER SESSION II – 2026
(SECOND TERM - SIX WEEKS)

March 23 – June 26 ....Registration

June 12, Friday ....Last Day to Apply for Admission (Summer II)

June 26, Friday, 4:00 p.m. .... Payment Due

June 29 – July 7, Monday - Thursday...Late Registration (Pay as you go)

July 6, Monday, 8:00 a.m. ....First Day of Classes

July 9, Thursday ....4th Class Day (Official Census Date)

July 24, Friday, 4:00 p.m..Withdrawal Deadline/
Application Deadline – Summer Graduation

August 12, Wednesday...Summer II Final Exams

August 13, Thursday, 12:00 p.m. .... Grades Due
End of Summer Session II

DEANS

Dean, Instructional Services and School District Partnerships...Charles Garabedian
B.A. & M.A., Sul Ross State University
M.Ed., Angelo State University

Dean, Applied Sciences..Armando J. Mondragon
B.S. & M.S., Texas A&M University

Dean, Liberal Arts ....April S. Ruhmann
B.B.A., Tarleton State University
M.B.A., Sul Ross State University – Rio Grande College

DIVISION CHAIRS

Applied Sciences ....Dr. Michael M. Bailey
B.A., National-Louis University
M.S., Black Hills University
D.M., Colorado Technical University

Applied Sciences .... Judy F. Estrada
A.A.S., Southwest Texas College
Diploma, Brightwood College

Applied Sciences ....Carlos Lopez
A.A.S., North Lake College
B.S. & M.B.A., Texas A&M University - Commerce

Liberal Arts .... Dr. Aide Escamilla
A.A., Southwest Texas College
B.S., Southwest Texas State University
M.Ed., The University of Texas at El Paso
Ed.D., The University of Texas at San Antonio

Liberal Arts... Dr. Roxana Linan
B.M., University of North Texas
M.Ed., Sul Ross State University - Rio Grande College
Ed.D., Texas A&M University -Kingsville

DIRECTORS, SUCCESS COACHES & OTHER PROFESSIONALS

Academic Advisor .... Shareef Rahaman
A.A. & A.A.S., Southwest Texas College
B.S., Sul Ross State University
M.S., Texas A&M International University

AEL & Student Community Engagement, Senior Director .... Margot H. Mata
A.A., Southwest Texas College
B.B.A., Southwest Texas State University
M.Ed., Sul Ross State University – Rio Grande College

Buildings and Grounds Director .... Albino Salinas, Jr.

Business Office Director .... Irma G. Garcia
A.A.S., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Campus Director, Crystal City .... Idalia De La Cruz
A.A., Southwest Texas College
B.S. & M.Ed., Sul Ross State University

Chief of Police .... Jimmy Calliham

Child Development Center Director .... Christine M. Chapoy

Controller .... Aubrey P. Haynes
B.S. & M.S., Texas Tech University

DHSI Vida Project Manager .... Vanessa Gutierrez
A.A., Southwest Texas College
B.B.A. & M.B.A., Sul Ross State University

Dual Credit Program Coordinator .... Anahi Ramirez
B.A., Texas Tech University

Dual Credit Program Coordinator .... Damacio (Tito) Sanchez
A.A., Southwest Texas College
B.B.A., Texas State University

Dual Credit Program Director .... Savanna Martinez
A.A., Southwest Texas College
B.B.A. & M.Ed., Sul Ross State University

Enterprise Applications - Enterprise Resource Planning Coordinator .... Denise Oden
A.A. & A.A.S., Southwest Texas College

Enterprise Applications & Information Technology Senior Director .... David Conde
A.A.S., Southwest Texas College
B.B.A. & M.B.A., Sul Ross State University – Rio Grande College

EOC Education Specialist, Del Rio .... Daniela M. Rocha
B.A., Sul Ross State University – Rio Grande College

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EOC Education Specialist, Uvalde .... Marvin D. Boyles
A.A., Southwest Texas College
B.A.A.S., Texas Tech University

EOC Project Director .... Omar Iracheta
A.A., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Facilities Superintendent .... Kirk M. Palermo

Food Service Manager/Cook .... Steven L. Garner

Human Resources Director .... Maria T. Dube

Information Technology Canvas Applications Administrator .... Alyssa A. Gonzales
B.B.A., Sul Ross State University – Rio Grande College
M.S., Texas A&M International University

Information Technology Operations & Infrastructure Director .... Frankie N. Pannell
A.A.S., ITT Technical Institute

Law Enforcement Academy Coordinator (Interim) .... Emmanuel Zamora
A.A.S., Southwest Texas College

Library Director .... Brenda M. Cantu
AA, Southwest Texas College
B.A., Ashford University
M.L.S., Texas Woman's University

Librarian I, Del Rio .... Carmen A. Rojas
M.L.S., Texas Woman's University

Librarian I, Uvalde .... Rebekah A. Garza
A.A., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Librarian II, Crystal City .... Melissa A. Alvarado
A.A., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College
M.S., University of North Texas

Librarian II, Eagle Pass .... Julie Pace-Monsivais
A.A. & A.A.T, Southwest Texas College
B.A., Sul Ross State University – Rio Grande College
M.L.S., Texas Woman's University

Nursing Director .... Amanda Hadley
A.A., Southwest Texas College
B.S.N., University of Texas School of Nursing
M.Ed., Sul Ross State University
M.S.N., University of the Incarnate Word

Physical Plant Assistant Director .... To Be Filled

Professional Development Officer/QEP Director .... Dr. Renee T. Zimmerman
B.A. & M.Ed., Sul Ross State University – Rio Grande College
Ed.D., The University of Texas at San Antonio

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Purchasing Clerk .... Dana Garza

Radiologic Technology Coordinator .... Bonnie S. Clinebell Esquivel
A.S., Empire State College
B.S., Clarkson College
M.S., Thomas Jefferson University

Recruitment & Engagement Specialist, Del Rio .... Julio A. Gonzalez
A.A., Southwest Texas College
B.B.A., Sul Ross State University

Recruitment & Engagement Specialist, Eagle Pass .... Britney M. Martinez
A.A., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Registrar .... Steve R. Martinez
A.A. & A.A.S., Southwest Texas College
B.A. & M.Ed., Sul Ross State University – Rio Grande College

Registrar Specialist .... Rosalinda Lara
A.A. & A.A.S., Southwest Texas College
B.A.S., Sul Ross State University – Rio Grande College

Reporting Technician .... Amanda Santos
A.A., Southwest Texas College
B.S., Sul Ross State University – Rio Grande College

Research Analyst .... Ryan Alldritt
B.A., Sul Ross State University – Rio Grande College

Residence Life Director/Recruitment& Engagement Specialist, Uvalde .... Phillip Botello
A.A., Southwest Texas College
B.S., Texas State University
M.S., Sul Ross State University – Rio Grande College

Rodeo Coach .... Joe D. Almand
A.S., Sam Houston State University
B.S., Tarleton State University

STEM Outreach Coordinator .... To Be Filled

STEM Success Coach .... Nelly Velasquez
A.A. Southwest Texas College
B.S. University of Phoenix

Strategic Innovation & Research Director .... Sandra Z. Garza
B.S., Angelo State University
Ed.D., Texas A&M University - Kingsville

Strategic Innovation 1& Research Assessment Specialist .... Cesandari Binion
B.S., Universidad Autonoma de Aguascalientes
M.S., Instituto Tecnologico y Estudios Superiores de Monterrey

Student and Community Outreach Director .... Philip E. Hadley
A.A., Southwest Texas College
B.A., Texas A&M University – Corpus Christi
M.A., Texas State University

Student Financial Aid Advisor, Del Rio...Jesus Castorena, III
        B.A., Sul Ross State University – Rio Grande College
        M.Ed., Sul Ross State University

Student Financial Aid Advisor, Uvalde ....Concepcion Silva
        A.A. & A.A.S., Southwest Texas College
        B.A. & M.Ed., Sul Ross State University – Rio Grande College

Student Financial Aid Advisor, Uvalde... Isabel Ybarra
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        B.B.A. & M.B.A., Sul Ross State University

Student Financial Aid Advisor, Uvalde.. Barry Zimmerman
        A.A., Southwest Texas College
        B.B.A., Texas Tech University

Student Financial Aid Assistant Director, Uvalde... Cynthia A. Martinez
        A.A. & A.A.S., Southwest Texas College
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Student Financial Aid Director.. Yvette Mirelez
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        B.A. & M.Ed., Sul Ross State University – Rio Grande College

Students Rights & Responsibilities Administrator ....Abraham Contreras
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        M.Ed., Sul Ross State University – Rio Grande College

Student Success Services Senior Director ....Ysenia Silva
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        B.A. &M.Ed., Sul Ross State University – Rio Grande College

Student Support Services Project Director ....Faith M. Ibarra
        B.A., The University of Texas at Austin
        M.Ed., Sul Ross State University – Rio Grande College

Success Coach, Crystal City...To Be Filled

Success Coach, Del Rio.. Sandra Colombo
        A.S., Austin Community College
        B.A.S. & M.B.A. Sul Ross State University – Rio Grande College

Success Coach, Del Rio..Laura Gloria
        A.A., Southwest Texas College
        B.A., & M.B.A., Sul Ross State University – Rio Grande College

Success Coach, Eagle Pass .... Samantha D. Alfaro
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        B.A. & M.Ed., Sul Ross State University

Success Coach, Eagle Pass .... Dorylee E. Baez-Nieves
        B.A., University of Puerto Rico - Rio Piedras
        M.S., Universidad Ana G. Mendez

Success Coach, Eagle Pass ....Claudia V. De la Garza
        B.A., Sul Ross State University – Rio Grande College

Success Coach, Eagle Pass ....Areli Fisher
B.F.A, Syracuse University
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Success Coach, Eagle Pass ....Alexya M. Herrera
A.A., Southwest Texas College
B.A., Sul Ross State University

Success Coach, Uvalde...Olivia L. Guerrero-Rish
B.A., Texas A&M University

Success Coach, Uvalde.. Lasabra Ortiz
B.A., The University of Texas at San Antonio

Success Coach, Uvalde..To Be Filled

Success Coach/Continuing Technical Education (CTE) Advisor .... Luis F. Ruiz
A.A. & A.A.S., Southwest Texas College
B.S. & M.S., Our Lady of the Lake University

Success Coach/Disability Services Lead, Del Rio...Eva K. De Anda
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M.B.A., University of Phoenix
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==Success Coach/Disability Support Services ....Roselle A. Ramirez
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M.S., Trident University International==

==Success Coach/Disability Support Services ....Audrey Studervant
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B.A., Arizona State University==

Success Coach/Holistic Advising Lead, Eagle Pass... Claudia Valdez
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==Surgical Technology Program Director.. Aldo R. Flores
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Upward Bound Project Advisor .... Gilbert Betancourt
B.A., Sul Ross State University

Upward Bound Project Advisor ....Juan Sandoval
B.S., Sul Ross State University

Upward Bound Project Director .... Jaime Nevarez
B.A., Ashford University
M.Ed., Sul Ross State University

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VIDA Care Specialist ....Maria I. Trevino
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VIDA Resource Center (VRC) Coordinator/Disability Support Services... Teresa M. Crow
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Workforce Training & Development Director – Eagle Pass .... Kristel Gonzalez de Sanchez
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M.B.A., Sul Ross State University – Rio Grande College

FACULTY OF INSTRUCTION

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M.B.A., Our Lady of the Lake University

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Certificate, Southwest Texas College

Juan O. Aviles .... Automotive Technology
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B.B.A., Sul Ross State University

Denise Ayala ....Patient Care Technician
Certificate, St. Philip's College

Rodolfo Ballesteros .... Powerline Technician

Twila Barnett.. Business Administration/Economics
B.S., Texas Tech University
M.B.A., Sul Ross State University

Irene Barrera...Patient Care Technician
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B.F.A. & M.S., Texas A&M University – Kingsville

Lorie R. Betty...Early Childhood Studies
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Certificate, Southwest Texas College

Richard R. Briseno ....Vocational Nursing
Certificate & A.A.S., Southwest Texas College

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B.S., Texas Tech University
M.S., The University of Texas at San Antonio

Victor Caballero ....Diesel Technology
Certificate, Southwest Texas College

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A.A.S., Howard College
B.S.N., University of Mary Hardin – Baylor
M.S.N., Wilkes University

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B.S.N, The University of Texas at El Paso
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Richard Cisneros .... Welding Technology
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B.S. & M.S., University of Helsinki

Sonia D. Cruz .... Associate Degree Nursing
A.S., Ridgewater College
B.S., Bethel University
M.S.N., Western Governors University

Richard Davis .... Mathematics
B.A., University of Texas – Austin
M.A. & M.S., University of Texas – San Antonio

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Ph.D., Iowa State University

Beco Diaz .... Law Enforcement Academy
A.A., Southwest Texas College

Jorge R. Fernandez.. Patient Care Technician
Certificate, Southwest Texas College
B.Com., Concordia University

Antonio Flores, Jr. .... Truck Driving

Ramiro L. Flores... Air Conditioning & Refrigeration
Certificate & A.A.S., Southwest Texas College

Rosa D. Flores .... Associate Degree Nursing
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A.A.S., San Antonio College
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Dr. Gabrielle Forbes .... Biology
Ph.D., University of Stirling

Dr. Thomas D. Forbes .... Biology
Ph.D., University of Edinburg

Landra L. Fowler.. Physical Education/Speech
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M.S., United States Sports Academy

Robert C. Fowler .... Physical Education/Speech
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B.S., University of Texas at San Antonio
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Shaelyn N. Fowler.. Psychology
B.S. & M.S., Sam Houston State University

Jesus M. Garcia .... Chemistry
B.S., Massachusetts Institute of Technology
M.S., University of California Los Angeles

Celso Garza .... History
M.A. & M.Ed., Sul Ross State University

Oscar E. Gaytan... Mathematics
B.S. & M.S., The University of Texas at San Antonio

Dale Gear... Criminal Justice
B.S., University of South Carolina
J.D., St. Mary's University

Alyssa R. Gomez... Music
M.M., Tarleton State University

Jaclyn J. Gonzales .... Psychology
B.A., The University of Texas at San Antonio
M.Ed., Sul Ross State University – Rio Grande College

Amy Gonzalez... Law Enforcement Academy

Carlos Gonzalez .... Welding Technology
Certificate, Southwest Texas College

Luis O. Gonzalez...EMT
A.A., Southwest Texas College
B.S., Kaplan University

Stephanie L. Gray.. Associate Degree Nursing
A.A.S., Southwest Texas College
B.S.N., The University of Texas at Arlington

Brandon E. Gurwell.. Engineering/Physics
B.S., Angelo State University
M.S., The University of Texas at San Antonio

Xaviera Haynes .... Government/History
M.A., American Public University

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B.S.N. & M.S.N., Chamberlain University – Addison

Bonny E. Herndon .... Business Office Technology/Coordinator, Business Office Technology
A.A., Southwest Texas College
B.A., Sul Ross University
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Jose Hernandez.. Truck Driving

Patricia P. Hernandez ....Patient Care Technician
Certificate, A.A. & A.S., St. Philip's College

Nancy C. Hill...Art
M.A., Academy of Arts, Architecture and Design in Prague

Dr. Shaunak Kamat .... Biology
Ph.D., Rutgers University

Dr. Subburaj Kannan .... Biology
Ph.D., University of Manitoba

Reagan King...English
B.A., Sul Ross State University – Rio Grande College
M.L.S., Sam Houston State University

Erica Lara ....English
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Brandy M. Leon .... Speech
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B.A. & M.A., Sul Ross State University – Rio Grande College

Lucas Limbrick..Diesel Technology/Coordinator, Diesel Technology
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A.A.S., Southwest Texas College

Rolando Lira... Associate Degree Nursing
A.A.S., Howard College
B.S.N., University of Texas Health Science Center at San Antonio
M.A., Dallas Theological Seminary
M.S.N., Texas A&M University – Corpus Christi

Miguel A. Lopez.. Automotive Technology
Certificate, Southwest Texas College

Raul Lopez .... Truck Driving

Roberto Lopez... Truck Driving

Jose F. Luna.. Health Science Technology/Nurse Aide Training
Certificate, Southwest Texas College

Christina M. Maldonado...Patient Care Technician
Certificate, Blinn College

Duvelsa D. Martinez..Patient Care Technician
A.A.S., Career Point College

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Emma Martinez .... Cosmetology
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Maria Elena Martinez .... Associate Degree Nursing
B.S.N. & M.S.N., University of Phoenix

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A.A., Southwest Texas College
B.A. Sul Ross State University – Rio Grande College
M.S., Texas A&M International University
Ph.D., The University of Texas at San Antonio

Donald J. McBlain .... Airframe Mechanics

Eloy Montalvo .... Mathematics
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M.Ed., Sul Ross State University – Rio Grande College
Developmental Education Specialist, Kellogg Institute Appalachian State University

Sandra C. Montes .... Education
B.A., Sul Ross State University – Rio Grande College
M.Ed. & M.S., Grand Canyon University

Dr. Lonnie Moore .... Philosophy
B.S., Texas A&M University
M.Div. & <mark>D.Min.,</mark> Southwestern Baptist Theological Seminary

Victor Muñoz .... Developmental Mathematics
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B.S., Sul Ross State University – Rio Grande College

Abel Ortiz .... Arts
B.F.A., The University of Texas at San Antonio
M.F.A., The University of Iowa

Jaclyn M. Ortiz .... Patient Care Technician
Certificate, Career Point College

Joshua D. Overfelt .... History/Government
B.A. & M.A., Sul Ross State University – Rio Grande College

April Page .... Emergency Medical Technician
Certificate, San Antonio College

Aracely Perez .... AEL

Jose A. Perez .... History/Government
B.A. & M.A., Sul Ross State University – Rio Grande College

Juan A. Perez, Jr. .... Truck Driving

Luis M. Perez .... Computer Information Systems/Coordinator, Computer Information Systems
A.A., Southwest Texas College
M.S., Instituto Tecnologico de Saltillo
M.S., Facultad de Ingenieria Mecanica y Electrica

<mark>Raeann Perez .... Patient Care Technician</mark>
<mark>Certificate, Galen College of Nursing</mark>

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Karen L. Quiroz .... English
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M.L.A., St. Edwards University

Alyssa R. Quiz .... Psychology
B.A., Texas State University
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Priscilla A. Rios .... Emergency Medical Technician
A.A., Southwest Texas College

Hector Rivera .... Computer Information Systems
B.A., University of St. Thomas
M.S., Texas A & M International University

Josephine Rodrigues .... Government
B.A., & M.A., St. Mary's University

Ana I. Rodriguez .... Patient Care Technology
Certificate, Career Point College

Diana A. Rodriguez .... English
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Juana H. Rodriguez .... History
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B.A. & M.Ed., Sul Ross State University – Rio Grande College

Librado Rodriguez .... Diesel Technology
Certificate & A.A.S., Southwest Texas College

Dr. Eliana P. Romero .... Biology
B.S., University of Houston
Ph.D., Baylor College of Medicine

Antonio V. Ruiz, Jr. .... Air Conditioning & Refrigeration
A.A.S., Southwest Texas College

Peter A. Salazar .... Vocational Nursing
A.A., Southwest Texas College
B.S., Texas A&M University – College Station
B.S.N. & M.B.A., Texas A&M University – Corpus Christi

Alejandro Salinas .... Airframe Mechanics

Dr. Cheryl Sanchez .... Education
B.B.A., Texas Tech University
M.Ed., Sul Ross State University – Rio Grande College
Ed.D., University of Texas – San Antonio

Juanita G. Sanchez .... Nutrition
B.S., The University of Texas at Austin

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M.Ed., Texas State University

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M.S.N., Walden University

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Jesus R. Suarez .... Criminal Justice
A.A.S., Southwest Texas College
B.S. & M.S., Sul Ross State University

Abelardo Talamantes .... Truck Driving

Daniel J. Tidwell .... Wildlife Management
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Mary Ann Towne .... Government/History
M.A., Sul Ross State University

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Raul Valdez .... Simulation Coordinator
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B.S.N, University of the Incarnate Word
M.S.N, Walden University

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M.S., California State University - Dominguez

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B.A.S., Sul Ross State University – Rio Grande College

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Jami D. Watts .... English
B.A., Wellesley College
M. Liberal Studies, Rice University

Dr. Dean W. Wiemers .... Wildlife Management
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M.S. & Ph.D., Texas A&M University – Kingsville

Veronica C. Williams .... Speech
Certificate & A.A., Southwest Texas College
B.A & M.Ed., Sul Ross State University – Rio Grande College

Alberto F. Ybarra .... Welding Technology
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Emmanuel Zamora .... Law Enforcement Academy
A.A.S., Southwest Texas College

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B.S.N., Texas Tech University
M.S.N., The University of Texas at Tyler

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ADMINISTRATIVE STAFF

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Jose Almaraz .... Information Technology, Service Desk Technician

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Norma Anderson .... Admissions/Records Clerk
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Delia Aviles...Teacher/Care Giver

Amie Brooks... AEL Instructional & Curriculum Lead, Del Rio
B.A., Colorado State University – Pueblo

Laura Bustillos .... Information Technology Help Desk Technician, Del Rio

Jerry D. Cardona... Information Technology Software Developer

Wade B. Carpenter ....Public Information Community Relations Specialist

Rubi Casarez.. Child Care Provider

Rosa Casson ....Teller/Accounts Payable Clerk, Uvalde

Sabrina Castillo ....Smart Classroom Aide
A.A. Southwest Texas College

Julio Castro.. Coordinator of Transportation

Laura Contreras ....Printing Center Technician

Michael A. Cortez .... Testing Center Specialist
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Angel M. Cruz.. Teacher/Provider

Cynthia Cruz... Administrative Assistant, Workforce Training & Development

Gabriela Davis......................................Information Technology Smart Classroom Site Supervisor, Del Rio
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Adrian De Anda... Information Technology Services Supervisor, Eagle Pass
A.A.S., Southwest Texas College

Ruben De la Garza... Campus Police Officer, Del Rio

Alva M. De Luna ....Library Resource Technician, Eagle Pass

Jose A. De Luna ....Information Technology Smart Classroom Technician, Eagle Pass

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B.A., Sul Ross State University

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Certificate, A.A., & A.A.S., Southwest Texas College
B.A.S., Sul Ross State University

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Lizabel Garcia .... AEL Specialized Coordinator
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B.A.S., Sul Ross State University – Rio Grande College

Oscar Garcia .... AEL Program Director
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B.A., Sul Ross State University – Rio Grande College

Angelica U. Garza ....Administrative Assistant, Dean of Applied Sciences/Liberal Arts

Mayta Garza ....Administrative Assistant, Workforce Training & Development, Uvalde

Angelica Gaucin...Enterprise Applications - Applications Manager
A.A. & A.A.S., Southwest Texas College
B.B.A., Sul Ross State University – Rio Grande College

Anthony Gaucin .... Testing Center Assistant
A.A., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Clarisa Gonzales... Administrative Assistant, Crystal City
A.A.S., Southwest Texas College

Francisco Gonzales...Information Technology Network Engineer
A.A.S., Southwest Texas College

Jaclyn J. Gonzales .... Teacher/Provider
Certificate, Southwest Texas College

Lorena D. Gonzales... Admissions Specialist – Dual Credit
A.A. & A.A.S., Southwest Texas College
B.S., Sul Ross State University – Rio Grande College

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Ana Gonzalez ....Financial Aid, Administrative Assistant
A.A., Southwest Texas College
B.A., Sul Ross State University

Juanita A. Gonzalez...Administrative Assistant, Eagle Pass
A.A., Southwest Texas College

Mayra A. Gonzalez...Administrative Services Coordinator
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B.S., Sul Ross State University – Rio Grande College

Veronica Gonzalez ....Smart Classroom Aide
A.A.S., Southwest Texas College

Angelica Hernandez .... Welcome Front Desk Clerk
Certificate, Southwest Texas College

Cruz M. Hernandez ....Testing Center Assistant
A.A., Southwest Texas College

David L. Hernandez.. Campus Police Officer, Uvalde
Certificate, Southwest Texas College

Karina Hernandez..Financial Aid Clerk, Del Rio
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B.B.A., Texas A&M University – Corpus Christi

Blanca M. Herrera ....Administrative Assistant, Eagle Pass

Thelma L. Herrera .... Administrative Assistant, Professional Development/Dual Credit Program
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Amanda R. Ibarra .... Full STEaM Ahead, Project Manager
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B.B.A. Sul Ross State University

Fernando Lombraña.. Enterprise Applications - Database Administrator
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B.B.A., Sul Ross State University – Rio Grande College

Amanda Lopez .... Office Manager, Full STEaM Ahead
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Jesus S. Lopez .... Information Technology Help Desk Technician, Eagle Pass

Melissa Lopez...Payroll/TRS Specialist
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Milton Lozano .... Information Technology Smart Classroom Instructional Aide, Del Rio
A.A.S., Southwest Texas College

Raul Lozano .... Information Technology Smart Classroom Site Supervisor, Eagle Pass
A.A., Southwest Texas College

Blanca Martinez .... Accounts Payable Specialist
A.A., Southwest Texas College

Daniel Martinez.. Warehouse Receiving Clerk

Daniel R. Martinez, II..Student & Community Outreach Assistant
A.A., Southwest Texas College

Denise Martinez .... Teacher/Caregiver

Ismael Martinez.. Social Media/Public Relations Specialist

Jerry Martinez.. Campus Police Officer, Uvalde
B.A.A.S., Tarleton State University

Mia Martinez .... Teacher/Provider

Luis Angel Mauricio..Campus Police Officer, Eagle Pass

Lizet Medrano .... Nursing Administrative Assistant, Del Rio
A.A.S., Southwest Texas College

Jennipher N. Miller..Payroll Clerk
B.A., Sul Ross State University – Rio Grande College

Sandra Moreno .... Office Manager, Del Rio
A.A., Southwest Texas College

Cristina V. Morin ....Accounts Receivable/Sponsorship Clerk

Ana L. Oca ....Secretary, Eagle Pass
A.A., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Christopher R. Ortiz ....Help Desk Technician, Del Rio
A.S., East Coast Polytechnic Institute

Carrie F. Perez.. Teacher/Provider

Cristian Perez .... Project Coordinator, TRIO – Student Support Services
B.S., Texas State University

Sylvia Quintero.. Teacher/Caregiver

Jesus E. Ramirez.. Motor Pool Assistant

Sydia Ramon .... AEL Regional Assessor/Career Navigator

Guadalupe Rangel ....Clerk, Workforce Training & Development Office

Javier Rangel, Jr. .... Life Safety & Security Aide
A.A., Southwest Texas College

Olga Rangel.. Teacher/Caregiver
Certificate & A.A.S., Southwest Texas College

Cynthia Rendon..Admissions Specialist Enrollment Retention Management

Martha Reyna Lopez .... Child Care Center Cook

Yolanda Rocha .... Administrative Assistant, Del Rio
Certificate, A.A. & A.A.S., Southwest Texas College
B.A.S., Sul Ross State University – Rio Grande College

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Diana P. Rodriguez...AEL Instructional & Curriculum Lead

Rosa Rodriguez .... Caregiver

Aracely Ruiz.. Administrative Assistant, Academic Affairs Office
A.A. & A.A.S., Southwest Texas College
B.A., Sul Ross State University – Rio Grande College

Gabriela Ruiz... Outreach Specialist, TRIO – Education Opportunity Centers

Manuel Ruiz ....Information Technology Network and Telecommunications Engineer
A.A.S., Southwest Texas College
B.A.A.S., Texas A&M University

Sandra Ruiz ....Administrative Assistant, Admissions & Registrars, Eagle Pass
A.A.S., Southwest Texas College

David A. Sanchez.. Safety Security Coordinator

Juanita H. Santos ....Head Cashier/Smart Card Administrator

Jeanette Saucedo... Office Coordinator, Administrative Services Office
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B.A.A.S., Sul Ross State University – Rio Grande College

Derek R. Serrano .... Acquisition Technician, Library
B.S. & M.Ed. Sul Ross State University

Kimberly A. Suaste .... Administrative Assistant, Patient Care Technician

Jennifer Talamantes.................................... Administrative Assistant, Workforce Training & Development

Brent Thompson .... Information Security Officer
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Veronica Valerio Fosbenner....................................... Nursing Administrative Assistant, Uvalde
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B.A., Sul Ross State University – Rio Grande College

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Certificate, Southwest Texas College

Jacqueline Vasquez ....Library Resource Technician, Eagle Pass

Rosa Vasquez ....AEL Regional Assessor/Career Navigator, Eagle Pass

Danielle M. Velasquez .... Teacher/Provider

Michelle Martinez Vera.................................... Administrative Assistant, TRIO-Student Support Services

Susana Villanueva .... AEL Data Entry Specialist / Quality Assurance Lead
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Maria Villarreal .... Financial Aid Clerk, Eagle Pass

Vanessa Villarreal ....Admin. Assistant, Carl Perkins Special Populations/Dean, Applied Sciences & Liberal Arts
B.S., Angelo State University

Leslie M. Wilburn .... Library Resource Technician, Del Rio

Teresa Zamarripa .... Law Enforcement Academy Secretary

Julie Zamora .... Payroll Officer – Lead
A.A.S., Southwest Texas College

RESIDENCE HALL STAFF

Sylvia G. Fernandez .... Supervisor, Garner Hall

Phillip Botello .... Supervisor, Hubbard Hall

SOUTHWEST TEXAS COLLEGE
INSTITUTIONAL VISION STATEMENT

Southwest Texas College creates and nurtures a learning-centered environment in which students, faculty, staff, and the community at-large can achieve their greatest potential.

SOUTHWEST TEXAS COLLEGE STATEMENT OF MISSION

Southwest Texas College enriches lives and advances growth through the education of our diverse communities.

SOUTHWEST TEXAS COLLEGE
STATEMENT OF ROLE AND SCOPE

The college implements its mission through a clearly defined set of programs and services that include the following:

College-level Credit Programs

The college offers credit courses leading to associate degrees and certificates in technical fields and designed-to-transfer majors.

Continuing Education Programs
The college provides professional and occupation development to individuals, businesses, industries, and government and health agencies. A variety of non-credit activities for personal enhancement are also available.

Adult Education and Literacy
The college provides programs, activities and services to promote adult education. Key components include:
- Basic Education and Literacy
- Family Literacy
- English Language Acquisition
- Integrated English Literacy and Civics Education
- Digital and Financial Literacy
- Workforce and Workplace Literacy
- Integrated Education and Training

These programs aim to help individuals gain skills, credentials as well as transition to further education, align with career pathways and/or employment.

Student Development Programs and Services
The college offers developmental programs and services to enrolled and prospective students to increase their chances for success and enhance their potential for personal, educational, and professional growth.

Economic Development Programs
The college promotes the economic development of the region by providing work force training for new and expanding industries as well as for transfer of technology to developing businesses. The college also supports economic development agencies by assisting in the recruiting of businesses and industries to the area.

On January 2, 1946, the Commissioners' Court of Uvalde County passed a resolution endorsing the plan to establish a combination Government Issue (G.I.) vocational school and junior college on the Garner Field site. The following day, the Uvalde City Council approved a plan to organize a tri-county junior college district composed of Real, Uvalde, and Zavala counties. In rapid succession this plan was endorsed by the senior and junior chambers of commerce and other organizations, and a mass meeting was held at the Uvalde County Courthouse with representatives from the three counties heartily supporting the movement. The Reconstruction Finance Corporation approved Garner Field as a site for the proposed junior college. Petitions were circulated in Real, Uvalde, and Zavala counties requesting the State Board of Education to authorize the establishment of a tri-county district. Upon receiving this approval, an election was held on May 18, 1946 in the proposed district. The propositions were passed by a decisive majority and thus, the first joint-county district in the state of Texas came into being.

On September 13, 1946, the city of Uvalde purchased the Garner Field property and leased it to the board of trustees of the new junior college. The institution was named Southwest Texas College, a president was elected, and September 30, 1946 was set as the opening date. However, more time was needed to complete arrangements and the actual opening date was October 14, 1946.

Early in the fall of 1946, SWTX was approved by the State Department of Education (now Texas Education Agency) as a junior college of the first class. In the fall of 1947, the college became a member of the American Association of Junior Colleges. The college was given an affiliate membership in the Association of Texas Colleges in the spring of 1947. In the fall of 1964, the college was admitted to membership in the Commission on Colleges of the Southern Association of Colleges and Schools.

On August 14, 1958, the Uvalde City Council presented the Board of Trustees the deed to the 79.28 acres of land on which the college is located.

Physical Plant

The Uvalde campus serves as Southwest Texas College's main instructional site, located 90 miles west of San Antonio. Established in 1946, this 79-acre campus effectively utililizes nearly 50 acres to support comprehensive educational programs and student services. The campus infrastructure encompasses 29 permanent buildings totaling 404,976 square feet. The academic classrooms include 63 Smart Board Technology-equipped classrooms supporting modern pedagogical needs. The Uvalde campus also hosts technical programs like Air Conditioning and Refrigeration Technology, Airframe General Maintenance, Automotive Technology, Business Management, Business Office Technology, Computer Information Systems, Construction Science, Cosmetology, Criminal Justice, Cybersecurity Specialist, Heavy-Duty Diesel Technology, Early Childhood Studies, Emergency Medical Services, Law Enforcement Academy, Mental Health, Patient Care Technician, Powerline Technician, Radiologic Technology, Registered Nursing, Surgical Technology, Vocational Nursing, Welding Technology and Wildlife Management.

ACADEMIC FACILITIES - UVALDE

BUILDING A   **Flores Student Services Center**

The Flores Student Services building (16,091 sq. ft.) provides a one-stop student services hub, housing Admissions, Financial Aid, Business Office, and Student Success Coaches (academic advisors). The Rodolfo R. and Dolores Flores Student Services Center was constructed in 2008. The building is named in honor of lawyer/businessman, and former President of the SWTX Board of Trustees, Rodolfo R. Flores and his wife Dolores. The Flores building houses SWTX Admissions, Financial Aid, and Counseling personnel, as well as SWTX's Business Office personnel.

BUILDING B Hubbard Hall Dormitory

Hubbard Hall is a 35,400 sq. ft., 128-student capacity dormitory. The building is named in honor of R.L. Hubbard of Leakey, member of the SWTX Board of Trustees from 1954 to 1975. Hubbard Hall provides housing for 192 students with each student afforded a semi-private room with an outside entrance and a semi-private bathroom. It also contains a recreational lounge, TV cable connections for each room and service areas for student use.

BUILDING C   Miller Memorial Library

Miller Memorial Library is a centrally located 24,888 sq. ft. Library featuring computer labs, study spaces, archive facilities, and a Maker Space. This building is named in memory of the late Will C. Miller of Houston in appreciation of his interest in education and his generous financial support of SWTX. This building is a two-story structure which houses the Library.

BUILDING D   Richarz Administration Building

The Joe E. Richarz Memorial Administration Building was constructed in 1961 with gifts from Mr. and Mrs. Joe Richarz of Uvalde. The two-story brick structure houses the offices of the College President, the Vice-President of Academic Affairs, the Dean of Applied Sciences, and the Dean of Liberal Arts. The second floor houses the offices of division chairs for Applied Sciences and Liberal Arts, the Director of Quality Enhancement Plan (QEP)/Professional Development Officer, and SWTX's Dual Credit Program Department.

BUILDING E   Matthews Student Center

The Wayne and Evalyn Matthews Student Center is named in honor of former College President Wayne Matthews and his wife Evalyn in recognition of their contribution to the development of the college. The Matthews Student Center, which opened in 1980, also known as the Student Union Building (SUB), contains 38,000 square feet of space occupied by the cafeteria, snack bar, banquet room, ballroom, computer labs, bookstore, student activities area/lounge, Food Pantry, Board Room, a courtyard, and offices for the SWTX Care Team and Instructor offices.

BUILDING F   Garner Hall Women's Dormitory

Garner Hall is a 14,842 sq. ft., 60-female student capacity dormitory. Ettie Rheiner Garner Hall was constructed in 1964 and was partially financed by gifts from Vice-President of the United States John Nance Garner, as a memorial to his wife, Ettie. This air-conditioned, two-story brick structure contains sixteen two-room suites with interconnecting baths to accommodate sixty-four females. There is a kitchenette, a laundry room with washers and dryers and a spacious lounge for receiving and entertaining visitors.

BUILDING G   Airframe Mechanics

The SWTX Airframe Mechanics program is currently housed at the Uvalde Municipal Airport. An agreement between SWTX and the City of Uvalde and the airport has made this possible. This spacious 9,600 sq. ft. classroom and lab facility allows SWTX students an excellent opportunity in Airframe Mechanics.

BUILDING H   Witt Building

The SWTX Vocational Nursing and Registered Nursing programs are housed in the Witt Building. This building contains 10,000 sq. ft. of offices, classrooms, and labs. The labs provide patient beds, training mannequins, a one-way mirror lab with advanced simulation equipment, and other emergency room simulations. Also in the Witt building is the Radiological Tech lab. A radiological X-ray room is a specialized instructional facility designed to safely perform diagnostic imaging procedures The room features a lead-lined wall shielding integrated into the

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The Tom and Hope Witt Building was constructed in 1993 and was financed by proceeds derived from the sale of the Witt Ranch, given to the college by Hope Victor Witt.

BUILDING I　　　　　**Wagner Building**

The Leander Wagner Building, constructed in 1966, is named for Leander Wagner of Crystal City, a charter member of the SWTX Board of Trustees with continuous service from 1946 to 1976. It contains the Strategic Innovation & Research team, Patient Care Technology classrooms, and SWTX's Information Technology team.

BUILDING J　　　　　**Miller Building**

The R.K. Miller Technical Building is named after R.K. Miller of La Pryor, Texas, who served as a member of the SWTX Board of Trustees from 1956-1984. The Miller building houses the Automotive Technology and Air-Conditioning/Refrigeration programs. This facility also provides space for faculty offices, classrooms, shops, Adult Education and Literacy, and the Testing Center. The 13,000 square foot automotive mechanics technology portion of this building was completed in 1969, with 34,000 square feet added in 1975.

BUILDING K　　　　　**Maintenance Building**

BUIILDING L　　　　　**Transportation Building**

BUILDING M　　　　　**Richarz Building**

The Essie Pearl Richarz Building was constructed in 1971 as a memorial to Mrs. Joe Richarz of Uvalde, whose estate provided partial financing for its construction. It houses the faculty in the Arts and Sciences division and Patient Care Technology program. The building was completely renovated in 1989.

BUILDING N　　　　　**Garner Science Building**

The John Nance Garner Science Building was completed in September of 1962. Financed by gifts from former Vice-President of the United States John Nance Garner of Uvalde, this facility includes 13,202 square feet of floor space containing classrooms and laboratories for sciences and mathematics instruction.

BUILDING O　　　　　**Anderson Building**

The W.C. Anderson Building is named in honor of W.C. Anderson, member of the SWTX Board of Trustees form 1957 to 1974. The Anderson Building houses two classrooms, SWTX's Printing Center, faculty offices, and SWTX'S Chief of Staff office.

BUILDING P　　　　　**Kincaid Building**

The Edgar Kincaid Building houses classrooms and laboratories. SWTX's Wildlife Management Program is also housed in this building. Constructed in 1968, it is named in honor of Edgar Kincaid of Sabinal, a charter member of the SWTX Board of Trustees with continuous service from 1946 to 1971.

BUILDING Q　　　　　**Memorial Building**

The Memorial Art Building and Pool was constructed in 1976 and is dedicated to the memory of all SWTX students who lost their lives in the armed forces. It contains a heated swimming pool, dressing rooms, and

classrooms. The Memorial Building was completely renovated in 1990 to include SWTX's Art Studio and classroom space.

BUILDING R   **La Forge Gymnasium**

The Herschel La Forge Gymnasium was constructed in 1959 as the first permanent facility on the college campus and is named in honor of Herschel La Forge, M.D. of Uvalde. Dr. La Forge was a member of the SWTX Board of Trustees from 1946-1975. The La Forge Hall Gymnasium houses the Physical Education and Athletic Departments of SWTX. Included in the Gym is a student physical fitness center that contains a regulation length basketball court with spectator seating. It also includes dressing rooms, weight rooms with Selector machines, plates, benches, and dumbbells. The Gymnasium also holds a racquetball court, spinning cycle room, dance space, and a functional fitness area.

BUILDING S   **Fly Building**

The Sterling H. Fly, Sr. Memorial Building was opened in 1965 and is named in memory of Sterling H. Fly, Sr. who served as President of the College from 1953 to 1962. Formerly the student center, this building was remodeled in 1980. It houses Student Support Services and the Student Success Center. A 5,040 sq. ft. Writing Center and 7,200 sq. ft. Student Success Center are staffed with full-time coordinators and peer tutors.

BUILDING T   **Tate Building**

The Imogen Tate Fine Arts Center was constructed in 1969 and named in honor of Mrs. Imogen Tate of Crystal City, a charter member of the SWTX Board of Trustees with continuous service from 1946 to 1976. The Imogen Tate Fine Arts Center contains a 228-seat auditorium practice rooms for music students, classrooms, and a faculty office complex.

BUILDING U   **Espinosa Building**

The Rodolfo Espinosa, Jr. Educational Building was completed in 1977 to provide additional space for the college's fine arts programs. This building now hosts the SWTX's cosmetology program. It is made up of classrooms and labs, and replica hair studio.

BUILDING V   **Welding and Heavy-Duty Diesel Building**

The Welding and Heavy-Duty Diesel Building, constructed in 1968, provides space for SWTX's Welding Technology and Heavy-Duty Diesel Technology (2024) programs. The building houses classrooms, lab space and office spaces with a 1,200 sq. ft. lean-to attached.

BUILDING W   **Construction Science**

The Construction Science program (2024) is now housed where the SWTX once was. The building was completed in 1968.

BUILDING X   **Briscoe Building**

The Janie and Dolph Briscoe Building was completed in 2008. This 36,000 sq. ft. building hosts a 122-seating capacity auditorium, with comfortable, cushioned chairs arranged to provide an optimal view of the stage, ensuring a pleasant seating experience for all attendees. The space is equipped with advanced stage lighting to enhance visibility and create a professional atmosphere for presentations and performances. The auditorium has a center screen with two side screens for optimal viewing. It is fully air-conditioned, providing a comfortable environment regardless of the season. It serves as a versatile venue, regularly hosting meetings, social gatherings, academic

events, and technical program graduations, making it an essential space for both formal and informal campus activities.

BUILDING Y   **Powers and Kirchner Building**

The Mary B. Powers and F.B. Kirchner Hall Child Development Center, built in 1998, is a 5,800 sq. ft. facility that was partially financed by the $200,000 gift from Mr. F. B. Kirchner who ranched in Edwards County. Mrs. Mary B. Powers, who was Mr. Kirchner's mother, willed SWTX $5,000 for beautification and landscaping of the grounds around the building. The facility provides day care services for 45 children and contains a classroom and observation sites for students enrolled in the Early Childhood Studies Program.

BUILDING Z   **Mary B. Powers and F.B. Kirchner Infant Building**

The Mary B. Powers and F.B. Kirchner Infant Building, 2,142 sq. ft. accommodates a large indoor/outdoor play space and nursery room.

BUILDING AA   **Law Enforcement Academy**

The Law Enforcement Academy Building of SWTX was purchased in 2023. This 7,00 sq. ft., 6-classroom, 6-office, building is used for classes and community trainings, concentrating on law enforcement practices.

BUILDING AB   **The SWTX Warehouse Building**

The SWTXC Warehouse Building (2024) is a 12,000 sq. ft. building that currently receives all packages for SWTX and warehouses supplies, equipment, and other materials.

BUILDING AC   **Powerline Technician Training Building**

This structure is used for SWTX's Powerline Technician Training program and Professional Truck Driving program. The area contains specialized areas to accommodate a practice Truck Driving pad as well as a Powerline Technician practice pad.

Notable Structures on the Uvalde campus

1966: Patti La Forge Seals Memorial fountain was placed between the Joe Richarz Memorial and Sterling H. Fly Sr. Buildings.

1967: Birdbath given by the Business Administration Club; sundial was donated by sophomore class of 1967. Concrete benches given by Uvalde businessperson Kent Beecroft in memory of J.C. Smith, the late husband of Estalee Smith, former head of the food services department.

1970: Double driveway entrance was constructed.

1971: SWTX President's home was built with Wayne and Evalyn Matthews as the first occupants.

1972: The last three barracks used as men's dormitories were town down and replaced with the Hubbard Hall building.

ACADEMIC FACILITIES - DEL RIO

Southwest Texas College – Del Rio, 207 Wildcat Drive, exists and operates to provide its students with the understanding and skills necessary to function productively in our society. The college further recognized its responsibility to identify and serve the various educational needs of its students that result from differences in academic preparation, various cultural backgrounds, and diverse educational objectives. The center attempts to meet these needs through an ongoing assessment of its student population, academic counseling and testing programs, and a number of other student services.

The first full-time director for Del Rio was appointed in the fall semester, 1975. The first office was located at 708 Bedell. By the late fall of 1980, a new office building had been built and occupied at 207 Wildcat Drive.

SWTX – Del Rio offers courses leading to an Associate of Arts degree in General Education. Courses taken for this degree parallel core freshman and sophomore university courses and are an integral part of any four-year degree program. The core courses as well as a number of electives are offered each fall, spring, and summer session.

In addition, courses for Airframe Mechanics, Associate of Applied Science degree in Business Management, Business Office Technology, Computer Information Systems, Criminal Justice, Early Childhood Studies, Cybersecurity Specialist, Registered Nursing, and Vocational Nursing are offered. These courses offer students an opportunity to learn many technical skills in their respective areas of study.

BUILDING A

Academic Building A was constructed in 1996; it is 18,278 sq. ft. in size. Building A contains The Amistad Room, used for events and meetings; Bookstore; six stand-alone classrooms updated with SmartBoard technology; Student Success Center with a Maker-Space area and Writing Center; Anatomage Room, ART Lab; Faculty/Staff Workroom; Engineering, Cyber Security, and Math Faculty Offices. The pictograph mural located in Building A of the SWTX – Del Rio Campus was inspired by the pictographs of the Lower Pecos River Archaeological region, which is nested along the US-Mexico border in Southwestern Texas and Northwestern Coahuila (nps.gov). Emphasis of pictographs from Panther Cave and the Fate Bell Shelter, located in Seminole Canyon State Park and Historical Site, resonate along the hallway of Building A, allowing students to understand their past while taking steps into their future. Mural was created by the Arts department during the early 2000s.

BUILDING B

Academic Building B was constructed in 2013-14; it is 32,615 sq. ft. in size. Its construction was funded in part by both the Polly Chandler Foundation and the Charles Chandler Foundation. Building B contains fifteen stand-alone classrooms updated with stand-alone technology, Biology labs; conference room, employee breakroom; faculty offices; library; media room; nursing labs and offices; office for campus security; Student Life Specialist's Office; student lounge, and workroom.

BUILDING C

The Charles and Polly Chandler Student Services Building was constructed in 2013-14 and funded in part by the Polly Chandler Foundation and the Charles Chandler Foundation; it is 5,915 sq. ft. in size. Building C contains Administration, Advising, Financial Aid, Admissions/ Business Office; conference room and employee lounge.

BUILDING D

Building D was built in 1980, it is 3,500 sq. ft. in size. Building D was the first building at the Del Rio campus. It originally contained the Administration, Advising, Financial Aid, Admissions/Business Offices, Faculty Offices; two classrooms and employee breakroom. It currently contains Educational Opportunity Center; faculty offices, Information Technology and SmartBoard personnel work area and Patient Care Technician lab.

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BUILDING E

Building E was acquired in 2007 from the Uvalde campus; it is 1,810 sq. ft. It originally contained faculty offices and Distance Learning computer lab. It houses Adult Basic Education/Adult Education and Literacy offices; Distance Learning classroom used for GED classes.

BUILDING F

Building F was constructed in 2009 by Ilcor Builders; it is 1,536 ft. in size, Building F contains two classrooms used for Adult Basic Education classes and Workforce Training & Development programs.

BUILDING G

Building G is a mobile home, 672 sq. ft. used by the Maintenance/Custodial Department for janitorial supplies and storage. During the 1990's the mobile home was utilized as the Del Rio Campus Bookstore.

BUILDING H

Building H was moved in 2017 from the Eagle Pass campus to the Del Rio campus; it is 1,536 sq. ft. in size. In 2017 the building was remodeled for future use of the Aviation Maintenance program. The commercial certificate of occupancy was obtained from the City of Del Rio on August 3, 2018.

BUILDING J

Building J was originally owned by the Val Verde Regional Medical Center and Howard College offered the ADN/LVN Nursing Program from 1983-1994. In 1995 the building was donated to SWTX; it is 3,750 sq. ft. in size. It originally contained the LVN classroom/lab and offices. Currently it contains the Student Union Building (SUB), game room, and workout room for physical education classes, and for use of the faculty, staff and community.

BUILDING K

Building K is 5,934 sq. ft. in size. It was constructed in 1993 and contains SWTX Services: Cowboy Pantry, TRIO, EOC, SSS, Transfer and Career Center, Zen Den Recharge Zone, Individual Counseling areas, Visiting Social Services, Art Therapy/Group Counseling, VIDA Case Manager Office, Lactation Room.

BUILDING L

Building L was constructed in 2002. It is currently used by Sul Ross State University's Rio Grande College. It is 4,815 sq. ft. in size. It contains Technical Vocational Department, Writing Center, and teaching/student labs.

BUILDING M

Building M was constructed in 2002. It is 18,849 sq. ft. in size. It contains classrooms, science labs and an auditorium.

BUILDING N

Building N was constructed in 2002. It is currently used by Sul Ross State University's Rio Grande College. It is 4,722 sq. ft. in size. It houses faculty and staff offices.

ACADEMIC FACILITIES - EAGLE PASS

Southwest Texas College – Eagle Pass was developed in 1973-74 as an off-campus evening center to help those students who, for various reasons, cannot attend classes on the main campus at Uvalde, Texas. SWTX - Eagle Pass is located at 3101 Bob Rogers Drive.

The main purpose of SWTX-Eagle Pass is to provide its students with the understanding and skills necessary to function productively in our society. The faculty and staff recognize their responsibility to identify and serve the various educational needs of its students that may result from differences in academic preparation, cultural background, and educational goals. The administration, faculty and staff attempts to meet these needs through an ongoing assessment of its student population, counseling, and testing. The counseling services and programs are designed to help students realistically assess their potential and to assist them in formulating a program of study or degree plan most suited to their own personal needs, desires, and abilities.

SWTX – Eagle Pass offers courses leading to an Associate of Arts degree in General Education (Studies). Courses taken for this degree parallel core freshman and sophomore university courses and are an integral part of any four-year degree program. The core courses as well as a number of electives are offered each fall, spring, and summer session.

Furthermore, courses leading to an Associate of Applied Science degree in Business Management, Computer Information Systems, Criminal Justice, Early Childhood Studies, and Business Office Technology are offered. One year and two year certificates are also available. These courses offer students an opportunity to learn technical skills in their respective areas of study. Additionally, courses leading to licensed vocational nursing (LVN) and associates degree in nursing (ADN) are offered.

ADMINISTRATION AND STUDENT SERVICES BUILDING

The Administration and Student Services Building was constructed in 2005. The building houses Advising and Counseling, Financial Aid, Admissions and Registrar's, Business Office and the office of the Vice-President.

BUILDING A

The Gilbert C. Bermea Building was constructed in 1994. It is named for Gilbert C. Bermea, the first Director and Dean of SWTX Eagle Pass who served from 1973 to 2007. The building houses academic classrooms, a science lab, chemistry lab, and faculty offices.

BUILDING C

Building C was constructed in 1998, it serves as a classroom building, houses the Student Success Center, bookstore, EMS classroom and laboratory, and faculty offices as well as a student lounge.

BUILDING E

Building E was constructed in 2005. It houses Licensed Vocational Nursing (LVN) and Associate Degree in Nursing (ADN) classrooms and laboratories, as well as anatomy laboratory and faculty offices for Allied Health faculty. Also housed here are distance learning classrooms.

BUILDING F

Building F was constructed in 2016. The building houses a Café, Library, a Multi-Purpose Center, classroom and faculty offices. The building also houses distance learning classrooms, Engineering and Physics labs.

CHITTIM TECHNICAL CENTER

The Jack R. Chittim Technical Center was constructed in 2016. The center houses a variety of workforce education programs, the Law Enforcement Academy, Truck Driving, Diesel Technology, and the Welding Technology programs.

ADULT EDUCATION AND LITERACY BUILDING

The Adult Education and Literacy Building was constructed in 1982 as the first college-owned facility in Eagle Pass. It housed classrooms, Admissions, Counseling and Business Office services. After 1994 it became the Adult Education and Literacy Building, which houses GED and adult education classes as well as offices for AEL staff.

ADVANTAGES OFFERED BY
SOUTHWEST TEXAS COLLEGE

University Preparation: The College offers the first two years of regular college work leading to higher degrees in liberal arts colleges and professional schools. This work is performed under conditions that are conducive to better learning, better grades, and fewer failures.

Occupational Curricula: Students who do not plan to go beyond the first two years of college may take a two-year course in wildlife management, business training, or in other vocations or semi-professional careers without having to satisfy the requirements of the senior colleges.

Guidance and Orientation: A program of orientation and guidance is provided to help students plan their future in accordance with their aptitude, interest, and needs. This guidance enables students to make intelligent career choices.

The Faculty: The faculty is highly trained and experienced. The salary schedule and academic standards are designed to attract instructors of the highest quality.

Meeting Individual Needs: Our small classes permit closer student relationships and student-faculty cooperation. Students will also find it convenient to confer, at almost any time, with many of the faculty members.

Student Activities: The College sponsors a student activities program that gives each student an opportunity to participate in those activities that promote their specific interests and develop their particular aptitudes.

Lower Costs: Transportation services allows most residents to commute during the week and to spend weekends at home. The cost of room and board on campus is considerably lower than most colleges and universities. Loans, grants, scholarships, and work opportunities help many students complete their college work. These advantages represent savings that permit many to continue at the senior institutions of their choice.

Environment and Location: Uvalde enjoys the reputation of being one of the cleanest and most attractive residential cities in the nation. The college district is composed of Real, Uvalde, and Zavala counties, and embraces parts of the most beautiful scenic areas in the state. The Nueces, Frio, and Sabinal Rivers, as well as smaller streams, traverse the district from north to south; and magnificent Garner State Park is located just twenty-five miles north of the college. The Uvalde Municipal Airport is adjacent to the college campus.

Opportunities for Veterans: Veterans or their children (survivors) who plan to enroll at the college, under the provisions of the "G.I. Bill of Rights®," should obtain a certificate of eligibility well in advance of registration from the regional office of the Veterans Administration. Necessary applications can be obtained from SWTX. Special efforts are made to aid and encourage all veterans to secure the full benefits from the "G.I. Bill of Rights®" during their periods of eligibility. Entrance requirements for veterans are the same as those for non-veterans.

Transportation Service: Transportation is offered to students in Eagle Pass, Del Rio, and Crystal City traveling to the Uvalde campus. There is a $150.00 fee for each student per semester. The transportation provided is based on need determined by SWTX.

Dual Enrollment: Eligible High school students are encouraged to enroll in college classes. Please contact your high school counselor or the Dual Credit Program Department for more information about dual credit in your respective ISD.

Transfer/Career Center: The Transfer/Career Center provides information concerning career planning, online career assessment and interpretation, university transfer information and visitor information.

Student Support Services: This program provides counseling, specially designed workshops and peer tutoring and mentoring. The goal of this federally funded program is to increase the retention and graduation rate of students, who by traditional academic measures, would have difficulty succeeding in college. The needs of students accepted in the project are thoroughly assessed through testing and counseling. Students are informed of the costs and transferability of post-secondary education, eligibility for financial aid and the application process.

Distance Learning: In an effort to increase access to educational opportunities, the college is now offering a variety of courses via interactive instructional telecommunications (two-way interactive television) and through the internet.

Library Services: SWTX Libraries provide 24/7 online access to all SWTX students faculty and staff.

The libraries of Southwest Texas College provide 24/7 online access for all SWTX and Sul Ross-RGC students, staff, and faculty. The SWTX libraries have a collection of more than 39,000 titles, maintain subscriptions to approximately 48 periodicals (13 print, 55 digital) and 6 newspapers. The library provides access to online databases, computers with internet access, a makerspace with 3D printers and musical instruments, study rooms, and a resource room. Inter-Library Loan (ILL) requests for materials not owned by SWTX or Sul Ross State University can be submitted by filling out our ILL form on the library homepage. A valid SmartCard (student ID card) is required to check out library materials, computers, and reserve study rooms. The library web page address is https://library.swtxc.edu. For reference help or other library questions, email library@swtxc.edu or call 830-591-7367. Off-campus access to databases and other digital resources is available by entering the same credentials as for Canvas or email when prompted to log in.

tab at www.swtxc.edu. The readmission form must be submitted to the Admissions Office at any SWTX location or emailed to admoffice@swtxc.edu.

2. Students under the age of 22 must submit proof of Bacterial Meningitis vaccination 10 days prior to attending class on any SWTX campus.

3. All students must submit a completed Dual Credit Admission Form (printable form online at https://www.swtxc.edu/ under the Dual Credit tab). All signatures indicated on the form must be provided, or the form will be returned, perhaps delaying a student's acceptance.

4. All students must have taken and passed a state approved placement test in areas related to course enrollment. A high school transcript must be submitted showing STAAR, ACT, SAT, PSAT (tested prior to October 2015), ASPIRE, or TSIA exemption scores. (Students must provide a copy of scores to high school counselor). For a list of qualifying scores, please visit www.swtxc.edu and view the dual credit tab. A student declaring the status of "non-degree-seeking" may be exempt from placement testing or submitting qualifying scores until the student has earned 15 semester credit hours.

5. Orientation is mandatory for all new high school students enrolling in a dual credit class. Students planning to take a dual credit class must register for dual credit orientation prior to attending.

6. High school students shall be enrolled in courses at the discretion of his or her school district per semester.

7. An official College transcript will not be released until a final official high school transcript showing date of high school graduation is submitted to the Admissions Office.

8. Dual Credit is governed by the current School District/SWTX agreement between Southwest Texas College and each respective School District.

Early College High School Students: Students meeting the following criteria may apply for early enrollment to Southwest Texas College:

1. NEW students must submit an Application for Admission (submit online at https://www.goapplytexas.org).

2. Students under the age of 22 must submit proof of Bacterial Meningitis vaccination 10 days prior to attending class on any SWTX campus.

3. All students must submit a completed Dual Credit Admission form (printable form online at https://www.swtxc.edu), Admissions & Aid > Outreach > Dual Credit Program. All signatures indicated on the form must be provided, or the form will be returned, perhaps delaying a student's acceptance.

4. All students must have taken a state approved placement test in areas related to course enrollment. However, a student who declares the status of "non-degree-seeking" will be exempt from any restrictions on course enrollment typically based on placement test scores. This exemption applies until the student has earned 15 semester credit hours. A high school transcript must be submitted showing STAAR, ACT, SAT, PSAT (tested prior to October 2015), ASPIRE, or TSI exemption scores. (Students must provide a copy of scores to a high school counselor). For a list of qualifying scores, please visit www.swtxc.edu , Admissions & Aid > Dual Credit Program > High School Dual Credit.

TSI INFORMATION
AND
DEVELOPMENTAL EDUCATION POLICIES

Southwest Texas College (SWTX) maintains an "open door" admissions policy, and as a result, students enter the college in various stages of academic preparedness. Therefore, the presence of a valid and consistent developmental education program is vital to ensure a pathway for academically underprepared students. The following Developmental Education Plan explains the basic requirements of the Texas Success Initiative (TSI) program and provides a procedural overview of the Developmental Education Program at Southwest Texas College.

TSI Basic Information

The Texas Success Initiative (TSI) was mandated by Texas law in 2003 and went into effect September of 2003. The purpose of TSI is to ensure that all students enrolling in public higher education in Texas possess or have the opportunity to gain academic skills needed to perform effectively in college-level coursework. TSI includes an assessment component designed to identify and provide diagnostic information about the reading, writing and mathematics skills of each student. Students who do not receive the minimum required score on the approved assessment instrument are considered TSI "deficient" or not college-ready and must be:

(1) Advised regarding developmental education necessary to achieve readiness in performing freshman-level academic coursework, and

(2) Provided a plan which shall include developmental education[1] and may include provisions for enrollment in appropriate non-developmental coursework.

The Developmental Education Program at SWTX complies with the requirements of the Texas Success Initiative as outlined and explained in Title 19, Part 1, Chapter 4, Subchapter C, of the Texas Administrative Code.

TSI Exemptions

Students who meet one of the following conditions are exempt from the Texas Success Initiative (TSI) requirements (from Title 19, Part 1, Chapter 4, Subchapter C, Rule 4.54 of the Texas Administrative Code):

(a) A student who achieves the passing standard on an assessment as set out in this subsection shall be deemed exempt from the requirements of the Texas Success Initiative. An institution shall not require an exempt student to provide any additional demonstration of college readiness and shall allow an exempt student to enroll in an entry-level academic course as defined in §4.53(13) of this title (relating to Definitions). The following figure contains the full list of assessments, minimum required scores, and eligible exemptions.

(1) For a period of five (5) years from the date of testing, a student who is tested and performs at or above the following standards that cannot be raised by institutions:

(A) ACT. A student who has achieved the applicable standard under this subsection shall be deemed exempt under this subchapter.

(i) ACT administered prior to February 15, 2023: composite score of 23 with a minimum of 19 on the English test shall be exempt for both the reading and writing sections of the TSI Assessment, and/or 19 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment.

(ii) ACT administered on or after February 15, 2023: a combined score of 40 on the English and Reading (E+R) tests shall be exempt for both reading and writing or ELAR sections of the TSI Assessment. A score of 22 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment. There is no composite score.

(iii) The use of scores from both the ACT administered prior to February 15, 2023, and the ACT administered after February 15, 2023, is allowable, as long as the benchmarks set forth in clause (ii) of this subparagraph are met.

(B) SAT. A student who has achieved the applicable standard under this subsection shall be deemed exempt under this subchapter.

(i) SAT administered on or after March 5, 2016: a minimum score of 480 on the Evidenced-Based Reading and Writing (EBRW) test shall be exempt for both reading and writing sections of the TSI Assessment. A minimum score of 530 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment. There is no minimum combined EBRW and mathematics score.

(ii) Mixing or combining scores from the SAT administered prior to March 5, 2016, and the SAT administered on or after March 5, 2016, is not allowable.

(C) GED: minimum score of 165 on the Mathematical Reasoning subject test shall be exempt for the mathematics section of the TSI Assessment. A minimum score of 165 on the Reasoning Through Language Arts (RLA) subject test shall be exempt for the English Language Arts Reading (ELAR) section of the TSI Assessment.

(D) HiSET: minimum score of 15 on the Mathematics subtest shall be used to determine exemption on the mathematics section of the TSI Assessment. A minimum score of 15 on the Reading subtest and a minimum score of 15 on the Writing subtest, including a minimum score of 4 on the essay, shall be exempt for the English Language Arts Reading (ELAR) section of the TSI Assessment.

(E) STAAR End of Course Test. A student who achieves a minimum score of 4000 on STAAR English III EOC shall be exempt for both reading and writing. A student who achieves a minimum score of 4000 on STAAR Algebra II EOC shall be exempt from mathematics.

(c) A student who has met one of the following criteria shall be exempt from the requirements of the Texas Success Initiative for the respective content area in which they have demonstrated college readiness. The following chart contains the full list of course and program completions and eligible exemptions.

(1) A student who successfully completes a college preparatory course under Texas Education Code, §28.014, is exempt for a period of twenty-four (24) months from the date of high school graduation with respect to the content area of the course, under the following conditions:

(A) The student enrolls in the student's first college-level course in the exempted content area in the student's first year of enrollment in an institution of higher education; and

(B) The student enrolls at the institution of higher education:

(i) that partnered with the school district in which the student is enrolled to provide the course, or

(ii) with an institution that deems the student TSI-met based on the completion of a course that meets the requirements of subsection (c)(1) of this section.

(2) A student who has previously enrolled in any public, private, or independent institution of higher education or an accredited out-of-state institution of higher education and:

(A) has met college readiness standards in mathematics, reading, or writing as determined by the receiving institution, or

(B) who has satisfactorily completed college-level coursework in mathematics, reading, or writing with a grade of 'C' or better, including a high school student who has earned college credit for a dual credit course or a course offered under §4.86 of this chapter (relating to Optional Dual Credit or Dual Enrollment Program: College Connect Courses), with a grade of 'C' or better.

(3) A student who has earned the Texas First Diploma under chapter 21, subchapter D of this title (relating to Texas First Early High School Completion Program).

(d) An institution may exempt a non-degree-seeking or non-certificate-seeking student not otherwise exempt under this section.

(e) In accordance with the requirements of this subchapter, an institution shall not require a student who is exempt in mathematics, reading, and/or writing or to whom this subchapter is inapplicable under §4.52 of this subchapter (relating to Applicability) to be assessed under this subchapter or to enroll in developmental coursework or interventions in the corresponding area of exemption. This limitation does not restrict an institution from advising a student to complete additional coursework or interventions to increase the likelihood of the student's success in completing the courses and program in which the student enrolls.

(f) ESOL Waiver--An institution may grant a temporary waiver from the assessment required under this title for students with demonstrated limited English proficiency in order to provide appropriate ESOL/ESL coursework and interventions. The waiver must be removed after the student attempts 15 credit hours of developmental ESOL coursework at a public junior college, public technical institute, or public state college; nine (9) credit hours of developmental ESOL coursework at a general academic teaching institution; or prior to enrolling in entry-level academic coursework, whichever comes first, at which time the student would be assessed by the institution with a Board-approved instrument as defined by §4.56 of this subchapter (relating to Texas Success Initiative Assessment Instrument). Funding limits as defined in Texas Education Code, §51.340, for developmental education still apply.

Exceptions

SWTX offers Level I Certificates, (refer to College catalog for programs), which require 42 or fewer semester hours. Students enrolled in these Certificates are TSI exempt, but may be required to meet individual course TSI requirements. Students in this classification can take only classes listed in the Level I Certificate program. Enrolling in other classes requires the student to meet all TSI requirements.

Transfers

Students who have previously attended a Texas public institution of higher education and are not TSI complete or exempt from TSI requirements must test on the TSI Assessment. If the student fails to score "College Ready" on any portion of the assessment, an appropriate developmental education plan will be required.

Assessment/Testing

Unless a student is exempt by one of the conditions above, THECB Rule 4.55 requires that an institution assess the academic skills of each entering undergraduate student prior to enrollment of the student. Under exceptional circumstances, an institution may permit a student to enroll in freshman-level academic coursework without assessment but shall require the student to be assessed not later than the end of the first semester of enrollment in freshman-level academic coursework. SWTX complies with this request by requiring assessment of all entering students who do not meet the TSI exemption criteria listed above. **Entering students who are not assessed prior to the beginning of their next semester of enrollment are prohibited from registering for additional coursework.**

Students who are TSI exempt or who have been tested with an approved assessment instrument must provide SWTX with official transcripts or score reports prior to registering for classes. It is recommended that testing be completed at least two weeks prior to registration.

The SWTX Testing Center administers the Texas Success Initiative Assessment 2.0 (TSIA2).
Students should request information from the SWTX Testing Center to access the required Pre-Assessment activity and testing schedules.

High school and home-schooled students who are not exempt from TSIA2 requirements as described in the exemption section and who desire to attend SWTX must be assessed prior to enrolling. High school and home-schooled students are subject to the "College Entrance Exam Minimum Passing Scores". A current copy can be obtained from the SWTX Dual Credit Program web page.

College Readiness Standards

The Texas Higher Education Coordinating Board (THECB) has established "College Ready" minimum scores for all sections of the TSI Assessment. Students who score at or above these minimum scores are thereby deemed "college ready" and are not required to complete any college preparatory/developmental coursework or material. The current approved "College Ready" scores as well as scores requiring students to enroll in college preparatory/ developmental work are available by clicking here. https://accuplacer.collegeboard.org/accuplacer/pdf/ /tsia2-interpreting-your-scores-.pdf

Retesting

With the inception of the TSI Assessment in fall, 2013, students may retest on any part or parts of the TSI at any time.

Individual Student Plans - Placement

A student scoring below the "College Ready" threshold on one or more of the TSI subject areas is required to consult with an SWTX academic advisor/success coach. The advisor/success coach will work with each student to create an individualized developmental education plan that may include developmental courses, non-course-based options, (NCBO), linked courses, and appropriate non-developmental coursework. Each plan for academic success will be designed to provide the best opportunity for the student to succeed in performing freshman-level academic coursework. The student's individual education plan and the TSI requirements will be updated on a regular basis and made available to the student. SWTX will consider all federal laws pertaining to individuals with disabilities when assessing and advising such students. The individual education plan will adhere to the following requirements:

(a) The student will be required to participate in college preparatory work for all areas of TSI deficiency until the student is "college ready."

(b) A student who scores below "college ready" in Reading must be continuously remediated in reading until successfully completing the developmental sequence or retesting as "college ready" on the TSI Assessment.

(c) Full-time students who score below "college ready" in two or more areas must enroll for developmental work in at least two areas and enroll in a college success skills course.

(d) Part-time students will be required to maintain a reasonable ratio of developmental education classes.

Support Services

SWTX offers support services for students in the following areas:
(1) *Academic advisement*
(2) *Career counseling*
(3) *Crisis and personal counseling (referrals)*
(4) *Referral to, and partnerships with, community agencies*
(5) *Student Success Centers located at college facilities in Del Rio, Eagle Pass, and Uvalde.*
(6) *Support for students with disabilities*

Attendance

Students are expected to regularly attend all classes in which they are enrolled and are responsible for the subsequent completion of all work missed during an absence. Any instruction missed and not subsequently completed may affect the grade of the student regardless of the reason for the absence. The manner in which make-up work is administered is left to the professional discretion of the individual faculty member.

FINANCIAL AID

The Student Financial Aid Office at Southwest Texas College offers a variety of resources for students to fund their educational needs. The SFA Office participates in both state and federal programs, which include grants, scholarships, loans, and student work programs. The next few pages detail a list of these programs and specific eligibility requirements. Please review them and contact the SFA department at 830-591-7368 if further information is required.

GENERAL INFORMATION

Student Eligibility

To receive aid from the federal student aid programs students must:

1. Fill out a Free Application for Federal Student Aid (FAFSA).

2. Meet all Department of Education eligibility requirements including but not limited to:
   - Have financial need;
   - Have a high school diploma or a General Education Development (GED) Certificate;
   - Be a U.S. citizen or eligible non-citizen; and
   - Have a valid Social Security Number.

3. Be enrolled or accepted for enrollment as a regular student working toward a degree or certificate in an eligible program.

4. Meet the standards of the Financial Aid Satisfactory Academic Progress Policy (SAP).

Financial Need

When students apply for federal student aid, the information reported on the FAFSA is used in a formula established by the U.S. Department of Education. The formula determines the students' Student Aid Index (SAI*), this is an amount the students and their family are expected to contribute toward the students' education. The SAI number is utilized in an equation to determine students' financial need.

* Student Aid Index (SAI) is a formula-based index number ranging from 1500 to 999999. Where your SAI falls within the SAI range helps your school determine how much financial aid support you may need.

Cost of Attendance - Student Aid Index (SAI) = Financial Need

Dependency Status

When students complete the FAFSA application there are certain questions to help determine if they are independent or dependent students. If students are considered dependent, they will need to include both the students' and their parents' income information. If students are considered independent, they will need to report only the students' income information (and those of the students' spouse, if married).

Students are classified as dependent or independent to assist in calculating the Student Aid Index (SAI). The dependency questions can be found in section 5 of the FAFSA application, please consult the application for further details on each question.

Students are asked to review the Dependency Override information in the Professional Judgment section of this catalog and talk to a financial aid advisor if they believe they have unusual circumstances that would make them independent. Financial aid advisors will advise students on how to put together a case for review.

APPLYING-FAFSA

The Free Application for Federal Student Aid (FAFSA)

The FAFSA is made available each year by the U.S. Department of Education to determine student eligibility for financial aid. The form must be filled out completely and correctly for a student's eligibility to be calculated correctly. Prior to beginning the application, specific documentation will need to be collected to assist in the application process. These documents are listed on the application. Each question on the application is followed with a brief description. Read the instructions carefully when completing the FAFSA. Most mistakes are made because students do not follow instructions. Pay special attention to any questions on income, because most errors occur in this area. Once completed, the student should retain a copy of the confirmation page and all documents used to complete the application.

WAYS TO SUBMIT A FAFSA APPLICATION TO THE U.S. DEPARTMENT OF EDUCATION

Paper Application

Applications submitted by mail will be processed in approximately four weeks. Students will receive a FAFSA Submission Summary (FSS) by mail. At that time, the FSS will list the information provided on the application, and any questions that the U.S. Department of Education may have in response to the application. Each school listed on the application may also receive the student's application information. If it has been more than four weeks since the application was mailed in and the student has not received a response, they may go by the SWTX Financial Aid Office to have an advisor check on the status of the student's application. Students may also check on the status of their application by calling 1-800-433-3243. TTY users may call 1-800-730-8913. You can also check online at: studentaid.gov

Online Application at studentaid.gov

Financial Aid has personal computers located at each of the campus locations in Uvalde, Eagle Pass, Del Rio, Crystal City, and Hondo or students may login to their personal computer to apply online at studentaid.gov. If students apply online, their application will be processed within one to three days. The Department of Education will not accept any applications without a signature from the student and a parent/contributor (if required), or an FSA ID. FSA ID is comprised of a username and password and can be used to login to certain Federal Student Aid websites, such as the *Free Application for Federal Student Aid* (FAFSA).

The security of your FSA ID is important. Your FSA ID can be used to:
* Electronically sign Federal Student Aid documents;
* Access your personal records, and
* Make binding legal obligations.

If you are a parent and need to electronically sign your child's FAFSA, you need your own FSA ID. If you have more than one child attending college, you can use the same FSA ID to sign their applications.

If your FSA ID is lost or stolen, you must:
* Contact Federal Student Aid's Customer Service Center at 1-800-433-3243;
* Update your username and password by selecting Edit my FSA ID, or
* Disable your FSA ID so no one can use it by selecting Edit my FSA ID and selecting Disable my FSA ID.

WHEN DO I APPLY?

FAFSA Applications should be filed starting October 1st of every year. Students should not apply prior to this date. It is easier to complete the application when students and parents already have their federal income tax return

forms completed, so students and their families are encouraged to file their taxes as early as possible. See dates below for future dates.

When a Student is Attending College (School Year)	When a Student Can Submit a FAFSA	Which Year's Income Information is Required
July 1, 2024– June 30, 2025	October 1, 2024 – June 30, 2025	2022
July 1, 2025 – June 30, 2026	October 1, 2025 – June 30, 2026	2023
July 1, 2026 – June 30, 2027	October 1, 2026 – June 30, 2027	2024

Application Submission Deadlines

Whether applying online or by mail, for the application to be processed, the U.S. Department of Education (DOE) application processor must receive the student's application by June 30, 2025 for the 2024-2025 school year and June 30, 2026 for the 2025-2026 school year. The SWTX Financial Aid Office must receive the processed application information from the U.S. Department of Education by the last day of enrollment in the school year for which they are applying for awards.

WHAT HAPPENS AFTER I APPLY?

As soon as applications have been processed by the U.S. Department of Education and sent to SWTX, the Financial Aid Office will set up a student account and evaluate the student's application. At this point, one of three things may occur.

1. The SWTX Financial Aid Office will post students' award online by utilizing the Self-Service link from the Financial Aid tab atwww.swtxc.edu. This occurs when a financial aid application is complete and there are no unresolved eligibility issues, or;

2. Students will be mailed a Missing Information Letter. This occurs when there are issues or questions that need to be resolved before the student's eligibility may be determined. Many applications submitted to SWTX have issues or questions that must be resolved before eligibility can be determined. If through this process it is discovered that data provided on the FAFSA/Renewal FAFSA form was incorrect, a change may have to be submitted to the U.S. Department of Education which may result in a two to three week delay in the processing of awards, or;

3. The U.S. Department of Education determines for one of several possible reasons that students are not eligible for federal student grant aid. This does not mean that students are not eligible for loans, scholarships, state aid, or work study. If students are interested in any of these types of aid, they should inquire with the Financial Aid Office to determine whether or not students are eligible for one of these other sources of aid.

APPLICATIONS WHICH ARE QUESTIONED BY THE U.S. DEPARTMENT OF EDUCATION

The U.S. Department of Education performs several matches of the information that students provide on the FAFSA form with national databases, including:

- The Department of Homeland Security
- The Social Security Administration
- The Department of Justice
- The National Student Loan Data System
- The Veterans Administration

If any of the information that is provided on the application is not consistent with the data that is on these databases, or if these agencies have any information that is relevant to students' financial aid eligibility, the U.S. Department of Education will alert SWTX and the issues/questions will have to be resolved before students' eligibility can be confirmed.

VERIFICATION

Selection of Students for Verification

The U.S. Department of Education randomly selects FAFSA applications for verification. Students who are selected for verification must submit the required documentation to the SWTX Financial Aid Office as soon as possible. The estimated processing time for verification documents is 15 days from the date of receipt. This time frame may decrease or increase according to the amount of workflow in the department. The student record will remain on hold, until the documentation or issue has been resolved.

Acceptable Documentation

Below is a list of all acceptable documentation and forms used:

- Verification Worksheets. These forms are available online, in person or may be mailed to your home address.
- Tax Return Transcript from IRS.
- In cases where a conflict is perceived, the financial aid office may request additional proof of untaxed income and benefits beyond what is shown on tax returns and verification worksheets from the student. For Example:
  Untaxed Social Security Benefits – A statement from the Social Security Administration.
  Unemployment Benefits - A statement from the agency which provided the benefits.

In addition to the above referenced documentation, signatures are required to verify that the submitted information is authentic on the following documents:
- Verification Worksheets
  Dependent Students - Must be signed by the student and one parent.
  Independent Students - Must be signed by the student.
- Signed Federal Income Tax Return Forms. Forms must be signed by the tax payer or the tax preparer.
- Identity Statements

Verification Process

Once all verification documents have been received, the student record will be sent through the verification process. During this procedure, the student financial aid advisor will review the student record based on the documentation received. In certain instances, the student file may not match the submitted documentation. If this occurs, the student financial aid advisor will submit a change to the U.S. Department of Education, which is identified as a correction to the FAFSA application. The correction will take a few days to process. The change will be mailed to the student as well as SWTX financial aid office. If the student wishes, he or she may check with the Financial Aid Office and see how verification affected their SAI. Once verification is complete the student file will be considered for any grants, scholarships, loans and exemptions.

Conflicting Information

For the purposes of verification, conflicting information is any information that is reviewed during the verification process which does not match the information that the student and parent provided initially. The financial aid advisor who is reviewing the information will make the determination that conflicting information exists. The applicant can reconcile conflicting or inaccurate information with the Financial Aid Office (FAO) by submitting documents showing correct information. For example, if conflicting information is related to the calculated adjusted gross income on the income tax return, the FAO will request that the student review all W-2's to recalculate the adjusted gross income. If the recalculation warrants a change on the income tax return, the student or parent may need to contact the IRS to resolve this issue. When such conflicts are identified, the student's record will remain on

hold, and no funds will be approved until the conflict is resolved. For a faster completion, please make corrections by going back to your FAFSA.

PROFESSIONAL JUDGEMENT

Although the process of determining a student's eligibility for Federal Student Aid is basically the same for all applicants, there is some flexibility. All requests for professional judgment are reviewed by the Financial Aid Advisor. All requests must be documented. Below are three separate sets of circumstances where professional judgment may be exercised.

Dependency Overrides/Unusual circumstances

Appeals may be made by students to change their status from dependent to independent. Please note, per U.S. Department of Education regulations, none of the conditions listed below, individually or in combination, qualify as unusual circumstances or merit a dependency override:

1. Parents refuse to contribute to the student's education,
2. Parents are unwilling to provide information on the FAFSA application or for verification,
3. Parents do not claim the student as a dependent for income tax purposes,
4. Student is able to demonstrate total self-sufficiency.

Professional Judgment/ Cost of Attendance Appeals

A student's cost of attendance determines the total amount of most types of aid that a student may receive. In some cases, SWTX may adjust the student's cost of attendance to take into account additional costs which are not included in the normal need calculation. These circumstances could include a family's unusual medical expenses and additional costs related to school attendance for students with disabilities. These requests should be submitted to the Financial Aid Office in writing, with appropriate documentation attached. The Financial Aid Advisor will review cost of attendance professional judgment requests. All decisions made by the FA Advisor are final.

Professional Judgment/ Income Adjustment

An adjustment to the income amounts reported on the student's FAFSA application may be made if the student, student's spouse, or either of the student's parents (parental information is relevant to dependent students only) have been recently unemployed, or have experienced a significant decrease in income. If conditions such as these apply to a student or a student's family, they must contact the financial aid office. The Financial Aid Advisor will advise students on how to document their situation and forward the information to the Student Financial Aid Office.

Frequently Requested Addresses, Telephone Numbers and Websites

Students may visit with a financial aid representative in person or via telephone at any SWTX campus locations. The website address for Southwest Texas College is www.swtxc.edu. A variety of information is located online in regards to the application process, and direct links to the FAFSA application. If students need answers right away to questions about Federal Student Aid, they may contact the Federal Student Aid Information Center between 9 a.m. and 8 p.m. (Eastern Time), Monday through Friday: 1-800-4-FED-AID (1-800-433-3243) 1-800-730-8913 TDD (for hearing impaired) The Federal Student Aid Information Center can:

- Answer questions about completing the FAFSA.
- Tell students whether a school participates in the federal student aid programs and that school's student loan default rate.
- Explain federal student aid eligibility requirements.
- Explain the process of determining financial need and awarding aid.
- Send federal student aid publications to students.
- Find out if students' federal student financial aid application has been processed.

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- Send students a copy of their FAFSA Summary Submission (FSS).
- Change students' address.
- Send student's application information to a specific school.

If students have reason to suspect any fraud, waste, or abuse involving federal student aid funds, they may call 1-800-MIS-USED (1-800-647-8733), a toll-free number, which is the hotline to the U.S. Department of Education's Inspector General's Office.

FEDERAL PELL GRANTS

What is a Federal Pell Grant?

Federal Pell Grant funds are not required to be repaid like loans. Pell Grants are awarded only to undergraduate students who have not earned a bachelor's or professional degree. (A professional degree would include a degree in a field such as pharmacy or dentistry). All Pell Grant awards issued by Southwest Texas College reflect an award for a student that is registered for at least 12 credit hours. The Financial Aid Office adjusts the amount of Pell Grant that the student receives if the number of credit hours is below 12 credit hours. The Pell Grant will automatically be adjusted through census date.

How do I qualify?

To determine if students are eligible, the U.S. Department of Education uses a standard formula, to evaluate the information reported when they apply. The formula produces a Student Aid Index (SAI) number. Student Summary Report (SRR) contains this number and will tell students if they are eligible. There are many school monitored requirements that could affect student eligibility for Federal Pell Grant funds, including but not limited to:

- Student enrollment status, the number of credit hours they are registered for and in which instructors confirm students attend class at least once.
- Continued student enrollment within a semester, if students withdraw or are withdrawn from school they may be required to repay funds that have already been awarded to them.
- Student grades, if students do not earn at least one passing grade in a semester they may be required to repay funds that have already been awarded to them.
- The number of developmental courses students have attempted, SWTX may only fund 30 credit hours (10 classes) of developmental work over a student's educational career. If a student is otherwise eligible for Pell Grant funds and attempts their 11th or greater developmental course, that course cannot be counted in the students' enrollment status which determines the amount of his or her Pell Grant award. These adjustments are made after the census day of each semester before final refunds are released.

How will I be paid?

SWTX will credit Pell Grant funds to the student's school account to pay for tuition, fees and other school related costs which appear on the student's account (institutional charges). If there are any funds remaining, the student may use these funds at the Southwest Texas College Bookstore to purchase books and supplies. Any excess funds may be disbursed, after completing eligibility verification. During this time the Financial Aid Office will confirm students' attendance and enrollment status. For more information in regards to the methods of receiving financial aid refunds, please review the Refund Policy under the Finance section of the Southwest Texas College Catalog.

Can I receive a Federal Pell Grant if I am enrolled less than half-time?

Yes, if students are otherwise eligible. Students will not receive as much as if they were enrolled full time, but SWTX will disburse student Pell Grant funds in accordance with the student's enrollment intensity.

DIRECT LOAN PROGRAM

Southwest Texas College began participation in the William D. Ford Federal Direct Loan (Direct Loan) Program July 1, 2010. Students and parents who previously received loans through the Federal Family Education Loan (FFEL) Program now borrow through the Direct Loan Program. The Direct Loan Program offers the same types of loans as the FFEL Program and Direct Loans generally have the same terms and conditions as FFEL Program loans, but instead of a bank lending the money, the U.S. Department of Education (the Department) lends the money directly to students and parents through the student's school. There are also some differences in the names of the loans. The FFEL Program's Federal Stafford Loans (Subsidized and unsubsidized) are called Direct Subsidized Loans and Direct Unsubsidized Loans in the Direct Loan Program. Federal PLUS Loans are called Direct PLUS Loans.

For additional information about Direct Loans, visit studentaid.gov or contact the Student Financial Aid Office at (830) 591-7368.

FINANCIAL AID LITERACY

SWTX Financial Aid Office provides a Loan Literacy course available to students interested in pursuing a student loan to help fund their education. The course provides them with an overview of student loans and the student loan process so they can make an informed decision on loans and loan amounts.

DIRECT SUBSIDIZED LOAN

Federal Direct Subsidized Loans are available to students who meet certain financial-need criteria and are enrolled in at least 6 semester hours. If you qualify for this type of loan, the federal government will pay the interest on the loan while you are in school, during a six-month grace period after you leave school or fall below half-time enrollment, and during period when you are authorized to defer your loan payments.

DIRECT UNSUBSIDIZED LOAN

Federal Direct Unsubsidized Loans are available to students enrolled in at least 6 semester hours, regardless of their financial need. You are responsible for the interest that accumulates on an unsubsidized loan while you attend school, during the grace period and during any periods when you are authorized to defer your loan payments. You have the option to pay the interest during these periods or postpone payment. If you postpone payment, the interest will be added to your principle balance. This addition of interest to your principle balance is known as capitalization.

How much money can I get?

The common SEOG award for SWTX is usually set at $800.00 per academic year. A student must enroll in a minimum of 6 credit hours to qualify for an SEOG award. Awards issued through the SEOG program are automatically adjusted according to enrollment status. Awards are prorated.

How will I be paid?

SWTX will credit the SEOG Grant funds to the student's school account to pay for tuition, fees and other school related costs which appear on the student's account (institutional charges). Please reference the "How will I be paid?" section in the Pell Grant section for more information about the timing and method of payments.

FEDERAL WORK-STUDY

What is Federal Work-Study?

The Federal Work-Study Program provides jobs for students with financial need, allowing them to earn money to help pay education expenses. The program encourages community service work and work related to their course of study. Students interested in working on or off campus should contact the Financial Aid Office at 830-591-7368 or reference our website atwww.swtxc.edu.

How much will I make?

Student Federal Work-Study salary will be at least the current federal minimum wage, but it may be higher, depending on the type of work performed and the skills required. A student's total Federal Work-Study award depends on when they applied, and their level of need.

How will I be paid?

Undergraduate students will be paid by the hour. No commission or fee may be paid to a work-study student. Students employed through the federal work-study program will be paid directly once a month.

Are Federal Work-Study jobs on campus or off campus?

Students may be assigned to work at any of the SWTX campus locations.

Can I work as many hours as I want?

No. The amount students earn cannot exceed their total Federal Work-Study award. When assigning work hours, the financial aid office will closely monitor funds availability, eligibility requirements, class schedule and students' academic progress.

STATE AID PROGRAMS***

Texas Educational Opportunity Grant Program TEOG (formerly TEXAS Grant II) ***

The purpose of the TEOG Grant Program is to provide grant aid to financially needy students enrolled in Texas public two-year colleges. The continuation of the TEOG Grant Program is subject to the approval of the Texas state legislature, and funding levels are determined yearly.

Who can apply?

Individuals who:
- Are Texas residents;
- Complete and submit a Free Application for Federal Student Aid (FAFSA)
- Show financial need;
- If applying for a first-time award, have a family contribution of no more than $6,472;
- If male register for Selective Service;
- Are enrolled at least 1/2 time (6 semester credit hours), in the first 45 hours in an associate's degree or certificate program at a public two-year college in Texas;
- Have not been granted an associate's or bachelor's degree;

- Have not been convicted of a felony or a crime involving a controlled substance.* An individual convicted of a crime involving a controlled substance can compete for an award in this program two years after he/she has fulfilled his/her obligation to society.

*** Program funds are subject to change and are based on state funding.

Texas Public Educational Grant (TPEG)

- For residents, nonresidents or foreign students.
- For undergraduates or graduates.
- For students attending public colleges in Texas.
- Maximum award based on individual student financial need.
- Students are awarded based on the availability of funds.

STATE AID FOR FOREIGN STUDENTS

Texas Education Code 54.07 and 54.052(j) Students who qualify as residents under Texas Education Code 54.07 and 54.052(j) may be eligible to receive Texas State Aid. For details on the requirements, please consult the Resident Status for Students sections of this catalog. Students who feel that they should be considered residents under this policy should begin the process at the SWTX Office of Admissions and Records.

Non-Resident Texas Public Education Grant Funds

There is a very limited amount of the Non- Resident Texas Public Education Grant (TPEG) funds, which are generated from the funds that non-resident students pay for tuition at SWTX. These funds are set aside every year to make Non-Resident TPEG awards to non-resident students. These funds are awarded each semester based on the information that applicants provide on the Non-Resident TPEG request forms. The forms contain detailed information on how to apply, including application deadlines. The forms can be requested at the Student Financial Aid Office.

Texas College Work-Study Program***

- For students attending public or non-profit independent colleges in Texas.
- For Texas residents.
- For undergraduate and graduate students enrolled at least half time.
- The number of hours of part-time work is based on the student's financial need.
- Maximum award is based on a student's need.

***Program funds are subject to change and are based on state funding.

*TUITION AND/OR FEE EXEMPTIONS****

Exemptions are a type of financial assistance allowing some Texas residents to attend a public college or university in Texas without paying tuition, or in some cases, tuition and fees.

Please refer to www.collegeforalltexans.com for a complete list of exemption programs available to Texas residents http://www.collegeforalltexans.com/apps/financialaid/tofa.cfm?Kind=E

***Program funds are subject to change and are based on state funding.

OTHER ASSISTANCE PROGRAMS

Texas Workforce Solutions Vocational Rehabilitation Services (TWS-VSR)

The Texas Workforce Solutions Vocational Rehabilitation Services (TWS-VRS) offers payment of tuition and other services to students who have certain physical handicaps. The Vocational Rehabilitation Services must approve the vocational objectives selected by the student before funds are awarded. Interested applicants should contact the nearest office of the Department of Assistive and Rehabilitative Services.

Financial Aid Satisfactory Academic Progress Policy

Federal regulations mandate that a student receiving Financial Assistance under Title IV programs must maintain satisfactory academic progress in his/her course of study regardless of whether or not financial aid is awarded each semester. Southwest Texas College's Financial Aid Satisfactory Academic Progress Policy is applied consistently to all Financial Aid recipients within identifiable categories of students (such as full-time or part-time).

Students pursuing a Certificate or an Associate degree are responsible for understanding and adhering to the financial aid satisfactory academic progress policy.

Mandated by Federal and State Regulations, Satisfactory Academic Progress is measured with the following standards:

- Qualitative (Cumulative Grade Point Average),
- Quantitative (Maximum Time Frame for completion)
- Quantitative Percentage (Attempted hrs./ Earned hrs. measured by semester)

Qualitative Standard

Students will be expected to maintain the minimum academic standards as outlined in the Academic Progress Standards Section of the Southwest Texas College Catalog. SWTX uses a 4-point scale for grade point average (GPA). Students are required to have a 2.0 cumulative grade point average after each semester.

Quantitative Standard

The quantitative standard is used to accurately measure a student's progress in a program. There are two components of the quantitative standard:
1. 67% Completion Rate: Students must complete 67% of the overall course load that they register for each semester. The chart below shows credit hour totals and the number of credits that must be completed to meet this requirement. Developmental remedial course work will be counted in the 67 percent calculation after each semester.

MAXIMUM TIME FRAME

Students receiving financial aid funds will be expected to complete their SWTX educational course of study within a reasonable time frame. The maximum time frame is 150% of the published length of the academic program or certificate (to include all transfer credit hours). Please note that whether attempted hours were earned or not has no bearing on the MTF portion of the Financial Aid Satisfactory Academic Progress Policy.

Note: Any developmental course work beyond 30 credit hours attempted will be counted in Maximum Time Frame calculations.

Example: SWTX Associate's Degree = 60 Hours X 150% = 90 hours. 90 hours is the maximum that can be attempted for this program and receive financial aid.

TRANSFER STUDENTS

Transfer students entering SWTX must be enrolled in a program of study which leads to a degree or certificate at SWTX. All previous grade transcripts must be submitted to the SWTX Office of Admissions and evaluated before financial aid may be awarded. All transfer credits evaluated will be counted towards the maximum timeframe (150% of published program) at Southwest Texas College.

How are my grades evaluated under the Standards of Academic Progress?

- The students cumulative Grade Point Average (GPA) must be a 2.0 or higher to satisfy the requirements of the Qualitative Standards of the Financial Aid Satisfactory Academic Progress.
- Grades of A, B, C, D, and P earned are considered attempted and earned credit hours.
- Grades of F, W, Q, I, EW, NR, CIP, or Z will not be considered as credit hours earned for the 67 percent rule and Maximum Time Frame rule, but will be considered as hours attempted for the semester.
- Students who withdraw from the college must still maintain satisfactory academic progress regarding the 67 percent rule and Maximum Time Frame rule.

APPEAL PROCESS

Students who do not meet the standards of Southwest Texas College financial aid satisfactory academic progress policy because of unusual circumstances (illness, death in the family, accidents, etc.) have the right to appeal. During the appeal process the student must be prepared to pay his/her own expenses, such as tuition, fees, books, supplies, etc. Please follow the procedure below to appeal a financial aid suspension.

- A Financial Aid Appeal form must be obtained and submitted to any SWTX campus locations or student's Self-Service.
- Documentation supporting the extenuating circumstances must be provided to the committee with the appeal form for the committee to review.
- Appeals will either be approved or disapproved by the Financial Aid Appeals Committee. All decisions made by the committee will be considered final. The committee meets at least once a month and reviews all appeals in the order of the date that they are received.
- It is the student's responsibility to follow up with the Financial Aid Office two weeks after submitting a complete appeal form with all of the required documentation to determine the status of the appeal.

ADDITIONAL INFORMATION

Complete withdrawals and the Financial Aid Satisfactory Academic Progress Policy

A complete withdrawal from any program of study will have a negative impact on a student's financial aid academic progress. If a student withdraws from school during the semester, his or her grades for the semester will be all W's. These grades are not passing; therefore, the student did not meet the 67% completion rate requirement and will be placed either on financial aid probation or suspension.

Notification of status under the FAO Satisfactory Academic Progress Policy

Students placed on FA Probation or FA Suspension will be notified via the SWTX portal of their status after grades are submitted by instructors.

The Effect of Dropping a Course

Students who reduce their course load by dropping a course after the semester has begun risk non-compliance under the 67 percent completion rate requirements.

Transfer Hours and Maximum Time Frame

Transfer hours which have an SWTX equivalent are counted in the Maximum Time Frame calculation.

The Effect of Financial Aid Suspension on Financial Aid Awards

Title IV Aid consists of grants and work study; therefore, all grants and work study awards will be cancelled if the student is on Financial Aid Suspension.

Consortium Agreements and the Satisfactory Academic Progress Policy

When Southwest Texas College has a consortium agreement with a participating institution, the student must meet the Satisfactory Academic Progress Policy of the institution that is awarding aid.

FEDERAL RETURN OF TITLE IV FUNDS POLICY

Withdrawals

When a student who is a Title IV recipient withdraws, there are two policies related to finance that the student should be familiar with. The first is SWTX's Tuition Refund Policy, which is located in the *Finances* section of this catalog. The second policy is the U.S. Department of Education's Return of Title IV Funds policy, which is described below. These two processes are managed by different offices and have different requirements and deadlines and can be a little confusing. If you have questions after reviewing the Financial Information section of this catalog and the Return of Title IV Funds information please contact the office that is responsible for administering the process that you have questions about. The Financial Aid Office may be reached at 830-591-7368, and the Business's Office may be reached at 830-591-7365.

Policy Summary

There are four types of Title IV funds that are affected by the return of Title IV funds policy at SWTX. They are the Federal Pell Grant, Federal SEOG Grant, and the Federal Loan Program. The Higher Education Amendments of 1998, Public Law 105-244 (the Amendments of 1998) substantially changed the way funds paid toward a student's education are handled when a recipient of Title IV funds withdraws from school. If a Title IV recipient withdraws from school after beginning attendance, the amount of aid earned by the student must be determined. If the amount disbursed to the student is greater than the amount the student earned, unearned funds must be returned. If the amount disbursed to the student is less than the amount the student earned, and for which the student is otherwise eligible, he or she is eligible to receive a post withdrawal disbursement of the earned aid that was not received.

Return of Title IV Funds calculation resulting in money owed to the U.S. Department of Education

Students who receive Title IV funds in excess of the costs of tuition and fees, accept the excess funds, and then withdraw or are withdrawn, may be responsible to repay some of those funds. This is a debt that is separate from any amount that a student may owe SWTX as a result of their withdrawal from the semester. When a student owes money to the Department of Education, he or she has 45 days from the date SWTX notifies them of the debt to pay the Department of Education. Students who want to repay the Department of Education through SWTX should contact the Student Financial Aid Office. If the student does not pay SWTX within 45 days, SWTX will turn the student's account over to the Department of Education for collections. Students who have been turned over for collections may call ED Collections at 1-800-621-3115, email them at dcshelp@pearson.com, or write them at U.S. Department of Education Student Financial Assistance Programs P.O. Box 4222 Iowa City, IA 52245.

SWTX Libraries

The libraries of Southwest Texas College provide 24/7 online access for all SWTX and Sul Ross-RGC students, staff, and faculty. The SWTX libraries have a collection of more than 39,000 titles, maintain subscriptions to approximately 48 periodicals (13 print, 35 digital) and 6 newspapers. The library provides students with access to online databases, computers with internet access, a makerspace with 3D printers and musical instruments, study rooms, and a resource room.

Inter-Library Loan (ILL) requests for materials housed at other SWTX campuses, Sul Ross State Library, and other libraries are submitted through email to bmcantu@swtxc.edu.

A valid SmartCard (student ID card) is required to check out library materials and computers.

The library web page address is https://library.swtxc.edu. For reference help or other library questions, email library@swtxc.edu or call 830-591-7367. Off-campus access to databases and other digital resources are available by entering the same credentials for Canvas or Email when prompted to log in.

Library Hours:

Students should consult the Library website for hours of operation.

SWTX ID Cards

SWTX students will receive a SmartCard card upon registration. This card is used for many purposes throughout the campuses and should always be with the student. It is a closed-loop debit card that can be used to check out books at the library, pay for printing, pay fines at the library and pay for food at the cafeteria. There will also be instances when the SmartCard is used to track attendance. It is the students' responsibility to keep the ID with them at all times.

Each campus will issue the SmartCard card for students, faculty, and staff. While the first card is free, replacement cards cost $25.00.

Students will be required to show a form of photo identification before being issued a SWTX ID card (U.S. passport, driver license, state ID, or high school ID)

Food Services

Campus food services include both a snack bar and cafeteria in the Student Center for students, faculty, and guests. The cafeteria also provides weekly meals for students holding a room and board plan.

Recreation

There are ample opportunities for all students to participate in various programs of recreation and sports. These activities include archery, badminton, basketball, bowling, dancing, softball, swimming, football, and tennis. By paying moderate green fees, students may play golf on the beautiful municipal golf course of Uvalde. Off-campus sport activities may include: hunting (deer, turkey, and quail), fresh water fishing, and water sports (skiing, swimming, and boating).

Sports and recreational facilities available on campus are listed below:

1. Intramural Field – The College owns a regulation, fenced field on which intramural games are played.
2. Swimming Pool – The college pool, located near the gymnasium, is 30 feet by 75 feet.

FIELD OF STUDY CURRICULA

In 1997, the 75th Texas Legislature enacted Senate Bill 148, which defined a field of study curriculum as a "set of courses that will satisfy the lower division requirements for a bachelor's degree in a specific academic area at a general academic teaching institution."

The following approved field of study curricula function very much like the core curriculum. If a student satisfactorily completes the lower-division courses that make up an approved field of study curriculum and subsequently transfers to another institution to pursue a bachelor's degree in the applicable major, the courses transfer as a block and substitute for the lower-division requirements in the major at the receiving institution. Students who satisfactorily complete only part of the field of study curriculum can transfer the courses completed and receive credit in the field of study. However, the receiving institution can require transfer students to complete the remaining lower-division courses.

For each Field of Study, a suggested sequence of courses is provided for students to achieve an Associate of Arts or an Associate of Science degree.

Key to Degree Plan Abbreviations:

Lec Hrs	Lecture Hours
Lab Hrs	Laboratory Hours
Ext Hrs	External (Cooperative, Clinical, Internship) Hours
Cont Hrs	Contact Hours
Cred Hrs	Credit Hours

Biology Field of Study
Required Courses:

BIOL 1306
BIOL 1106
BIOL 1307
BIOL 1107
CHEM 1311
CHEM 1111
CHEM 1312
CHEM 1112
CHEM 2423
PHYS 1301
PHYS 1101

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Business Administration Field of Study
Required Courses:

ECON 2301
MATH 1324
ECON 2302
ACCT 2401
ACCT 2402
BUSI 1301

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Communication Field of Study Required Courses

SPCH 1311
SPCH 1315
SPH 1318
SPCH 1321

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Criminal Justice Field of Study
Required Courses:

CRIJ 1301
CRIJ 1306
CRIJ 1310
CRIJ 2313
CRIJ 2328

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Education Field of Study Curriculum (EC-3 Core Subjects)

Designated Corse Courses in the Field of Study (3 SCH):
None

Discipline Foundation Courses (6 SCH):
EDUC 1301
EDUC 2301

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Education Field of Study Curriculum (EC-6 Core Subjects)

Designated Core Courses in the Field of Study (3 SCH):
MATH 1314

Discipline Foundation Courses (12 SCH):
EDUC 1301
EDUC 2301
MATH 1350
MATH 1351

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Education Field of Study (4-8 Core Subjects)

Designated Core Courses in the Field of Study (3 SCH):
MATH 1314

Discipline Foundation Courses (12 SCH):
EDUC 1301
EDUC 2301
MATH 1350
MATH 1351

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

English Language and Literature Field of Study
Required Courses:

ENGL 1301
ENGL 1302

Choose two of the following Literature Survey courses: [1]

ENGL 2322
ENGL 2323
ENGL 2327
ENGL 2328
ENGL 2332
ENGL 2333
ENGL 2351

1. To avoid duplication of content, one-half of a two-semester survey in British, American or World Literature cannot be taken in conjunction with the single-semester course in the same topic. [for example, World Literature (ENGL 2332) cannot be taken with World Literature (ENGL 2331).]

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Political Science Field of Study
Required Courses:

MATH 1342
GOVT 2304
GOVT 2305
GOVT 2306

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Psychology Field of Study
Required Courses:

PSYC 2301

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PSYC 2314
PSYC 2317
PSYC 2319

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Registered Nursing/Registered Nurse Field of Study
Required Courses:

Designated Core Courses in the Field of Study (20 SCH):

PSYC 2301
ENGL 1301
ENGL 1302
MATH 1342
BIOL 2401
BIOL 2402

Discipline Foundation Courses (10 SCH)

PSYC 2314
BIOL 2420
HECO 1322

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

Sociology Field of Study
Required Courses:

SOCI 1301
SOCI 1306
SOCI 2301
SOCI 2319

Additional courses may be accepted by the Transferring (Receiving) Institution. Students should consult with their Success Coach.

ASSOCIATE OF SCIENCE IN ENGINEERING SCIENCE (ASES) CURRICULA

First Semester

		Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cred Hrs	See Note
EDUC 1300	Learning Framework[1]	3	0	0	48	3	1
ENGL 1301	Composition I	3	0	0	48	3	
MATH 2413	Calculus I[2]	4	0	0	64	4	
CHEM 1311	General Chemistry I	3	0	0	48	3	
CHEM 1111	General Chemistry Laboratory I	0	4	0	64	1	
ENGR 1201	Introduction to Engineering	2	0	0	32	2	
		15	4	0	304	16	2

Notes: 1. Required by local policy for all new students.
2. Student may need to take MATH 2312 as a prerequisite to MATH 2413.

Second Semester

		Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cred Hrs	See Note
ENGR 1304	Engineering Graphics	2	2	0	64	3	
ENGL 1302	Composition II	3	0	0	48	3	
or							
ENGL 2311	Technical & Business Writing						
MATH 2414	Calculus II	4	0	0	64	4	
PHYS 2325	University Physics I	3	0	0	48	3	
PHYS 2125	University Physics I Lab	0	3	0	48	1	
GOVT 2305	Federal Government	3	0	0	48	3	
		15	5	0	320	17	

Third Semester

		Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cred Hrs	See Note
ENGR 2304	Programming for Engineers	2	3	0	80	3	
ENGR 2301	Engineering Mechanics - Statics	3	0	0	48	3	
MATH 2415	Calculus III					4	
PHYS 2326	University Physics II	3	0	0	48	3	
PHYS 2126	University Physics II Lab	0	3	0	48	1	
		10	9	0	304	14	

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Fourth Semester

		Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cred Hrs	See Note
ENGR 2305	Circuit Analysis I					3	
ENGR 2105	Circuit Analysis I Lab					1	
MATH 2320	Differential Equations					3	
ENGR 2302	Engineering Mechanics - Dynamics	3	0	0	48	3	
GOVT 2306	Texas Government					3	
		13	3	0	256	13	
	GRAND TOTAL				1184	60	

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AIR CONDITIONING AND REFRIGERATION TECHNOLOGY
Uvalde Campus

Purpose

The Air Conditioning and Refrigeration program seeks to educate and provide guided learning experiences to individuals interested in entering this rapidly developing field. The goal of the program is for graduates to be employable as entry-level service technicians in residential and light commercial air conditioning, refrigeration, and heating.

Students will learn about the refrigeration cycle, tools of the trade, instrument usage and application, wiring schematic reading, electrical controls and switches, refrigerant recovery, reclaiming and recycling, installation practices, trouble-shooting procedures on electrical and sealed systems plus employee/employer relations, job hunting skills, résumé building and information related to operating a small business.

Admission Requirements

Students are admitted to the Air Conditioning and Refrigeration program through the regular college admission procedures (*see Admission Regulations section*). Students will receive a Level 1 Certificate and/or an Associate of Applied Science (A.A.S.) degree upon satisfactory completion of the program of study and upon making formal application for graduation (*see Curricula section*).

The Air Conditioning and Refrigeration program carries three award options, a Level One Basic Certificate, Level One Advanced Certificate, and an A.A.S. degree. The Level One Certificates are TSI exempt, however, those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s).

Students who wish to pursue the two-year Certificate and/or the A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

HVAC/R TECHNOLOGY
OCCUPATIONAL SKILLS AWARD (OSA)

The HVAC/R OSA equips students with the essential technical knowledge and skills required to begin working in the heating, ventilation, air conditioning, and refrigeration industry. The award includes coursework in electrical principles, refrigeration systems, and air conditioning control, all of which are crucial to the operation and maintenance of HVAC/R systems.

CETT 1302	Electricity Principles	3
HART 1407	Refrigeration Principles	4
HART 1403	Air Conditioning Control Principles	4
	TOTAL	11

ADVANCED HVAC/R TECHNOLOGY
OCCUPATIONAL SKILLS AWARD (OSA)

The Advanced HVAC/R OSA is designed to provide students with specialized skills needed for more advanced roles in the heating, ventilation, air conditioning, and refrigeration industry. This award focuses on commercial refrigeration systems, gas and electric heating, and advanced air conditioning control technologies, preparing students for roles that require a deeper understanding of HVAC/R systems and their maintenance.

HART 2442	Commercial Refrigeration	4
HART 1445	Gas and Electric Heating	4
HART 2431	Advanced Air Conditioning Controls	4
	TOTAL	12

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A.A.S. degree upon satisfactory completion of the program of study and upon making formal application for graduation *(see Curricula section)*.

The Automotive Technology program carries three award options, Level One Basic Certificate, a Level One Advanced Certificate, and an A.A.S. degree. The Level One Certificates are TSI exempt; however, those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s).

Students who wish to pursue the two-year A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

INTRODUCTORY AUTOMOTIVE TECHNOLOGY DIAGNOSTICIAN OCCUPATIONAL SKILLS AWARD (OSA)

AUMT 1410	Automotive Brake Systems	4
AUMT 1407	Automotive Electrical Systems	4
AUMT 2417	Automotive Engine Performance Analysis I	4
	TOTAL	12

INTERMEDIATE AUTOMOTIVE TECHNOLOGY DIAGNOSTICIAN OCCUPATIONAL SKILLS AWARD (OSA)

AUMT 2413	Automotive Drive Train and Axle	4
AUMT 2421	Automotive Electrical Diagnosis and Repair	4
AUMT 2417	Automotive Engine Performance Analysis I	4
	TOTAL	12

AUTOMOTIVE TECHNOLOGY - BASIC
LEVEL ONE CERTIFICATE

Program of Study (Prerequisite: Automotive Technology – Basic Level One Certificate)

Fall Semester		Credit	Spring Semester		Credit
AUMT 1410	Automotive Brake Systems	4	AUMT 2434[1]	Automotive Engine Performance Analysis II	4
AUMT 1407	Automotive Electrical Systems	4	AUMT 1416	Automotive Suspension and Steering Systems	4
AUMT 2417	Automotive Engine Performance Analysis I	4	AUMT 1445	Automotive Heating and Air Conditioning	4
	Total	12		Total	12
				Total Credit Hours for Certificate	24

Notes: 1   Capstone course that consolidates the student's learning experiences.

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Admission Requirements

Students are admitted to the Business Management program through the regular college admission procedures (*see Admission Regulations section*). Students will receive a Level One Basic Certificate, Level One Advanced Certificate, or an A.A.S. degree upon satisfactory completion of the courses below for each corresponding credential requirement and upon making formal application for graduation (*see Curricula section*). The Level 1 Certificates are TSI exempt; however, those not meeting Texas Success Initiative (TSI) requirements are encouraged to enroll in the appropriate developmental course(s).

INTERNATIONAL BUSINESS MANAGEMENT OCCUPATIONAL SKILLS AWARD (OSA)

IBUS 1305	Introduction to International Business and Trade	3
IBUS 2345	Import Customs Regulations	3
IBUS 1351	Multinational Enterprises and Partnerships	3
BMGT 2309	Leadership	3
	TOTAL	12

The International Business Management OSA is designed to develop skills in conducting business internationally, and to develop an understanding of the nature of globalization and the differences in cultures and business practices.

SMALL BUSINESS START-UP CERTIFICATE

BCIS 1305	Business Computer Applications	3
BUSI 1301	Business Principles	3
BUSI 1307	Personal Finance	3
BUSG 2309	Small Business Mgt/Entrepreneurship	3
BMGT 1327	Principles of Management	3
SPCH 1321	Business/Professional Communication	3
	TOTAL	18

The Small Business Start-up Certificate is meant to help those wanting to start their own business gain the skills and knowledge they will need to organize and run the business part of their endeavor.

LEADERSHIP OCCUPATIONAL SKILLS AWARD (OSA)

BMGT 1301	Supervision	3
BUSI 1301	Business Principles	3
BMGT 2309	Leadership	3
	TOTAL	9

The Leadership OSA credential is designed to add marketability for students seeking positions of leadership within a business environment. Emphasis will be placed on entry-level supervisory skills and leadership.

BUSINESS MANAGEMENT
LEVEL ONE CERTIFICATE – BASIC

Program of Study

	Fall Semester	Credit		Spring Semester	Credit
BUSI 1301	Business Principles	3	BMGT 1327	Principles of Management	3
BMGT 2309	Leadership	3	ACNT 1311[1]	Computerized Accounting	
BMGT 1301	Supervision	3	or		
ACCT 2401	Principles of Accounting I	4	POFI 1349[1]	Spreadsheets	3
Or			BUSG 2309	Small Business Management	3
ACNT 1403	Introduction to Accounting I	4	BCIS 1305	Business Computer Applications	3
	Total	13		Total	12
				Total Credit Hours for Certificate	25

Notes: 1 QuickBooks Certification Exam or MOUS Excel Exam will be administered for possible certification to be awarded.

BUSINESS MANAGEMENT
LEVEL ONE CERTIFICATE – ADVANCED

Program of Study

	Fall Semester	Credit		Spring Semester	Credit
			HRPO 2301	Human Resource Management	3
MRKG 1311	Principles of Marketing	3	BMGT 2303[1]	Problem Solving & Decision Making	3
HRPO 2307	Organizational Behavior	3	BMGT 1282[1]	Co-Op Educ – Management	2
BMGT 1341	Business Ethics	3			
BUSI 1307	Personal Finance	3		Total	8
	Total	12		Total Credit Hours for Certificate	20

Notes: 1 Capstone course that consolidates the student's learning experiences.

BUSINESS MANAGEMENT
ASSOCIATE OF APPLIED SCIENCE DEGREE

		Credit
General Education Courses:		
Social & Behavioral Sciences	3	
Humanities & Fine Arts	3	
Natural Science & Math	3	
Other	6	
Total General Education Courses		15
Technical Education Courses		42
Basic Use of Computers		3
Total Credit Hours for A.A.S.		60

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Program of Study

FIRST YEAR

	Fall Semester	Credit
EDUC 1300π	Learning Framework	
or		
COLS 0300	College Success Skills	
BUSI 1301	Business Principles	3
BMGT 2309	Leadership	3
BMGT 1301	Supervision	3
ACCT 2401	Principles of Accounting I – Financial	4
	Total	13

	Spring Semester	Credit
BMGT 1327	Principles of Management	3
ACNT 1311[1]	Computerized Accounting	
or		
POFI 1349[1]	Spreadsheets	3
ELECTIVE	BMGT Technical Elective	3
BCIS 1305	Business Computer Applications	3
	Total	12

	Summer	Credit
ELECTIVE	College Level Mathematics	3
ENGL 1301	Composition I	3
SPCH 1321	Business & Professional Communication	3
	Total	9

SECOND YEAR

	Fall Semester	Credit
ELECTIVE	BMGT Technical Elective	3
BUSI 1307	Personal Finance	3
ELECTIVE	BMGT Technical Elective	3
ELECTIVE	BMGT Technical Elective	3
ECON 2301	Principles of Macroeconomics	3
	Total	15

	Spring Semester	Credit
HRPO 2301	Human Resource Management	3
BMGT 2303[2]	Problem Solving and Decision Making	3
BMGT 1282[2]	Co-op Educ – Management	2
ELECTIVE	Humanities and Fine Arts	3
	Total	11
	Total Credit Hours for A.A.S.	60

Notes: 1 QuickBooks Certification Exam or MOUS Excel Exam will be administered for possible certification to be awarded.
2 Capstone course that consolidates the student's learning experiences.
π All students are required to take EDUC 1300 or COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.

Recommended Courses for Business Management Technical Electives

Recommended management technical electives may be chosen from the following:

ACCT 2402	Principles of Accounting II – Managerial
IBUS 1305	Introduction to International Business and Trade
IBUS 2345	Import Customs Regulations
IBUS 1351	Multinational Enterprises and Partnerships
BUSG 2309	Small Business Management/Entrepreneurship
ECON 2302	Principles of Microeconomics
MRKG 1311	Principles of Marketing
BMGT 1341	Business Ethics
HRPO 2307	Organizational Behavior

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BUSINESS OFFICE TECHNOLOGY
Uvalde Campus
Limited Course Offerings at Off-Campus Sites

Purpose

The Business Office Technology (BOT) Program prepares individuals for high-demand careers needed in today's computerized workplace. The BOT Program offers three award options, the Level One Basic Certificate, the Level Two Advanced Certificate, and the two-year Associate of Applied Science Degree. The Level One Basic Certificate Program is designed to prepare individuals for entry-level office information technology careers by providing cutting-edge training in the use of currently popular software packages and preparation for the Microsoft Office Specialist (MOS) Certification and Intel QuickBooks Certification. The Level One Advanced Certificate Program is designed to expand software skills and professional competence to include ethics, office management, and an internship. The two-year Associate of Applied Science Degree is for individuals preparing for advanced office information technology careers in office and business management, executive assistant, computer project administration, and medical office administration. Students will be required to take the appropriate certification exam(s) before the end of each semester as applicable to individual courses *(see course descriptions in back of catalog)*. Students who have completed the A.A.S. degree may receive advanced training in management skills leading to an Enhanced Skills Certificate.

Admission Requirements

Students are admitted to the BOT program through the regular college admission procedures *(see Admission Regulations section)*. Students will receive a Level One Basic Certificate, Level One advanced Certificate, or an A.A.S. degree upon satisfactory completion of the program of study and upon making formal application for graduation *(see Curricula section)*.

Texas Success Initiative (TSI) Requirements

The BOT program carries three award options, the Level 1 Basic Certificate, the Level One Advanced Certificate and the two-year Associate of Applied Science (A.A.S.) degree. Students pursuing the Level One Certificates are exempt from the TSI Assessment. Students pursuing the One Certificates are exempt from the TSI Assessment.

Students who wish to pursue the A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

OFFICE TECHNOLOGY
OCCUPATIONAL SKILLS AWARD (OSA)

ITSW 1307	Intro to Database	3
POFI 2301	Word Processing	3
POFT 1309	Administrative Office Procedures	3
POFT 1349	Spreadsheets	3
	TOTAL	**12**

BOOKKEEPING
OCCUPATIONAL SKILLS AWARD (OSA)

ACNT 1403	Introduction to Accounting	4
POFT 1325	Business Math using Technology	3
ACNT 1311	Introduction to Computerized Accounting	3
	TOTAL	**10**

BUSINESS OFFICE TECHNOLOGY
ENHANCED SKILLS CERTIFICATE

Students who have completed the degree plan for Associate of Applied Science – Business Office Technology are eligible to continue into the Enhanced Skills Certificate program consisting of a fifth semester of college work.

Program of Study

THIRD YEAR

Credit

ACCT 2402	Principles of Accounting II- Managerial	4
BMGT 2309	Leadership	3
BMGT 1327	Principles of Management	3
HRPO 2301	Human Resources Management	3

Total Credit Hours for
Enhanced Skills Certificate 13

Total Credit Hours for A.A.S. 60

GRAND TOTAL 73

EARLY CHILDHOOD STUDIES
ONLINE

Purpose

This program carries a one-year Certificate and an Associate of Applied Science (A.A.S.) degree. This curriculum is designed to develop basic skills, attitudes and competencies necessary for personnel to provide high-quality care and early education in preschool and child care centers.

Admission Requirements

Students are admitted to this program through regular college admission procedures (*see Admission Regulations section*).

The Early Childhood Studies program carries two award options, the one-year Certificate and the two-year Associate of Applied Science (A.A.S.) degree. The one-year Certificate is TSI exempt, however, those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s).

Students who wish to pursue the two-year A.A.S. degree must meet all Texas Success Initiative (TSI) requirements. Adherence to individual course descriptions is required.

EARLY CHILDHOOD STUDIES SPECIAL EDUCATOR CERTIFICATE
OCCUPATIONAL SKILLS AWARD (OSA)

CDEC 1359	Children with Special Needs	3
TECA 1354	Child Growth & Development	3
CDEC 2340	Inst. Techniques for Children with Special Needs	3
	TOTAL	9

CDEC 2326	Administration of Programs for Children I	3
CDEC 2328	Administration of Programs for Children II	3
CDEC 2336	Administration of Programs for Children III	3
	TOTAL:	9

EARLY CHILDHOOD STUDIES
CERTIFICATE

Program of Study

Fall Semester	Credit
EDUC 1300π Learning Framework	
or	
COLS 0300 College Success Skills	
TECA 1311 Educating Young Children	3
TECA 1318 Wellness of the Young Child	3
CDEC 1313 Curriculum Resources for Early Childhood Programs	3
COSC 1301 Introduction to Computing	3
Total	12

Spring Semester	Credit
CDEC 1319 Child Guidance	3
CDEC 1356 Emergent Literacy for Early Childhood	3
CDEC 1281[1] Cooperative Education –Childcare Provider/ Assistant	2
CDEC 2307 Math and Science for Early Childhood	3
TECA 1303 Families, School & Community	3
Total	14
Total Credit Hours for Certificate	26

Notes: 1 Capstone course that consolidates the student's learning experiences.
π All students are required to take EDUC 1300 or COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.

EARLY CHILDHOOD STUDIES
ASSOCIATE OF APPLIED SCIENCE DEGREE

	Credit
General Education Courses:	
Social & Behavioral Sciences	3
Humanities & Fine Arts	3
Natural Science & Math	3
Other	9
Total General Education Courses	18
Technical Education Courses	42
Total Credit Hours for A.A.S.	60

Admission Requirements

Students are admitted to the CIS program through regular college admission procedures (*see Admission Regulations section*). Students will receive an A.A.S. degree upon satisfactory completion of the courses of study and upon making formal application for graduation (*see Curricula section*).

HELP DESK – CIS
OCCUPATIONAL SKILLS AWARD (OSA)

ITSC 1305	Introduction to PC Operating Systems	3
IMED 1316	Web Design I	3
ITSC 1325	Personal Computer Hardware	3
	TOTAL	9

COMP-TIA Security + CIS
OCCUPATIONAL SKILLS AWARD (OSA)

ITSY 1342	Information Technology Security	3
ITNW 1353	Supporting Network Server Infrastructure	3
ITSC 1325	Personal Computer Hardware	3
	TOTAL	9

COMPUTER SCIENCE SYSTEM ADMINISTRATOR
OCCUPATIONAL SKILLS AWARD (OSA)

ITSE 1302	Computer Programming	3
ITNW 1454	Implementing and Supporting Servers	4
ITNW 1313	Computer Virtualization	3
	TOTAL	10

COMPUTER INFORMATION SYSTEMS
ASSOCIATE OF APPLIED SCIENCE DEGREE

	Credit
General Education Courses	
Social & Behavioral Sciences	3
Humanities & Fine Arts	3
Natural Science & Math	3
Other	9
Total General Education Courses	15
Technical Education Courses	42
Elective	3
Total Credit Hours for A.A.S.	60

CONSTRUCTION SCIENCE

Purpose

The Construction Science Program is designed to prepare students to enter the construction industry workforce in both the residential and commercial sectors. The Construction Science Program will provide students with skills and knowledge in a variety of construction disciplines such as construction safety, framing, interior finishing, mechanical, electrical, plumbing estimating, and contracts. The course of instruction outlined for this program is designed to lead to a Level One Certificate (CERT) and an Associate of Applied Science (A.A.S.) degree.

Admission Requirements

Students are admitted to the Construction Science Program through the regular college admission procedures (see Admission Regulations section). Students will receive a Level One Certificate and/or an A.A.S. degree upon satisfactory completion of the courses below for each corresponding credential requirement and upon making formal application for graduation (*see Curricula section*). The Level One Certificate is Texas Success Initiative (TSI) exempt, however; those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s). Students who wish to pursue the A.A.S. degree must meet all TSI requirements.

CONSTRUCTION FRAMER
OCCUPATIONAL SKILLS AWARD

CRPT 1423	Floor Systems	4
CRPT 1415	Wall Systems	4
CRPT 1411	Roof Systems	4
	TOTAL	12

CONSTRUCTION SCIENCE
LEVEL ONE CERTIFICATE

Program of Study

	Fall Semester	Credit		Spring Semester	Credit
CRPT 1429	Introduction to Carpentry	4	CNBT 1402	Mechanical, Electrical and Plumbing Systems	4
CRPT 1423	Floor Systems	4	CNBT 1446	Construction Estimating I	4
CRPT 1415	Conventional Wall Systems	4	CNBT 1411	Construction Methods and Materials I	4
CRPT 1411	Conventional Roof Systems	4			
CNBT 2442	Construction Management I	4	CNBT 2415	Construction Specifications and Contracts	4
	Total	20	CNBT 1300[1]	Residential/Light Commercial Construction Drawing	3
				Total	19
				Total Hours for Certificate	39

Notes: 1   Capstone course that consolidates the student's learning experiences.

SECOND YEAR

Fall Semester	Credit
CJLE 1506[1] Basic Peace Officer I	5
CJLE 1512[1] Basic Peace Officer III	5
Total	10

Spring Semester	Credit
CJLE 1518[1] Basic Peace Officer III	5
CJLE 1524[1,2] Basic Peace Officer IV	5
CJLE 1429[1] Basic Peace Officer V	4
Total	14
Total Credit Hours for A.A.S.	60

A 20-week option is exclusively designed for law enforcement academy cohorts located at the Uvalde campus and is offered twice a year depending on demand.

CJLE 1506 Basic Peace Officer I
CJLE 1512 Basic Peace Officer II
CJLE 1518 Basic Peace Officer III
CJLE 1524 Basic Peace Officer IV
CJLE 1429 Basic Peace Officer V

Total Credit Hours for Certificate 24

Notes:
1   Student enrolls in TCOLE approved Law Enforcement Academy. Basic Peace Officer sequence option is subject to Texas Commission on Law Enforcement (TCOLE) rules, including criminal history check – see TCOLE enrollment standards below. These courses are eligible for Advanced Placement – see *Criminal Justice Advanced Placement Policy* below.
2   Capstone course that consolidates the student's learning experiences.
π   All students are required to take EDUC 1300 or COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.

TCOLE Enrollment Standards

Students enrolling in the Law Enforcement Academy must comply with TCOLE rules including specifically Rule 217.10 Minimum Standards for Enrollment and Initial Licensure. Failure to comply may result in removal from the course.

Criminal Justice Advanced Placement Policy

In order to receive advanced placement credit for academy completion and/or work experience, the applicant must:

1.   Provide appropriate documentation to the College of Applied Sciences Dean.
2.   Apply for admission and complete at least six additional hours of credit at Southwest Texas College.

Students licensed as a Texas Peace Officer will receive advanced placement credit (grade of "P") for the following courses:

CJLE 1506	Basic Peace Officer I	5 hrs.
CJLE 1512	Basic Peace Officer II	5 hrs.
CJLE 1518	Basic Peace Officer III	5 hrs.
CJLE 1524	Basic Peace Officer IV	5 hrs.
	Total	20 hrs.

Purpose

The Cybersecurity Specialist Associate of Applied Science and Certificate degrees are designed for students interested in entering the field of cybersecurity technologies. The degree prepares students to learn practices that are designed to protect networks, computers, programs and data from attack, damage, or unauthorized access. Cybersecurity Specialists will learn about computer security, installing security software, network monitoring for security breaches, and responding to cyber-attacks. Students will have opportunity to take CompTIA Security+, Network +, and Linux + certification exams.

Program Outcomes

Upon completion of the program, students will demonstrate mastery in the following areas:

1. Students will analyze security risks and vulnerabilities in computer systems and networks, develop strategies to mitigate these risks, and implement solutions to protect against cyber threats.
2. Students will assess network performance, identify potential security threats, and evaluate the effectiveness of implemented security measures.
3. Students will identify and analyze common security vulnerabilities in PC operating systmssystems, networking environments, and Linux systems, and by propose effective strategies to mitigate these vulnerabilities within an organizational context.
4. Students will effectively document security policies, procedures, and incidents, and present security recommendations to technical and non-technical audiences.
5. Students will use security tools and metrics to monitor network traffic, assess system vulnerabilities, and evaluate the security posture of servers and operating systems.
6. Students will effectively document and communicate the results of security assessment, incident responses, and forensic investigations, as well as prepare comprehensive report'sand technical presentations tailored to both technical and non-technical stakeholders.
7. Students will utilize advanced security tools, metrics, and techniques to assess the effectiveness of firewalls, intrusion detection systems, and network defenses, and by performing data-driven security audits and forensic analyses.

Admission Requirements

Students are admitted to the Cybersecurity Specialist Program through the regular college admission procedures (see Admission Regulations section). Students will receive a Level One Certificate and/or an A.A.S. degree upon satisfactory completion of the program of study and upon making formal application for graduation (see Curricula section). The Cybersecurity Specialist Program carries three award options, a Level One Basic Certificate, Level One Advanced Certificate, and an A.A.S. degree. The Level One Certificates are TSI exempt, however; those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s). Students who wish to pursue the A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

Students will receive a Level One Certificate and/or an Associate of Applied Science (A.A.S.) degree upon satisfactory completion of the program of study and upon making formal application for graduation (*See Curricula section*). The Diesel Technology Program carries three award options, a Level One Basic Certificate, Level One Advanced Certificate, and an A.A.S. degree. The Level One Certificates are TSI exempt; however, those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s).

Students who wish to pursue the A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

DIESEL TECHNOLOGY INTRODUCTORY MECHANIC HELPER
OCCUPATIONAL SKILLS AWARD (OSA)

DEMR 1301	Shop Safety and Procedures	3
DEMR 1405	Basic Electrical Systems	4
DEMR 1406	Diesel Engine I	4
	TOTAL	**11**

DIESEL TECHNOLOGY INTERMEDIATE MECHANIC HELPER
OCCUPATIONAL SKILLS AWARD (OSA)

DEMR 1423	Heating Ventilation, and Air Cond (HVAC) Troubleshooting and Repair	4
DEMR 1310	Diesel Engine Testing and Repair I	3
DEMR 1447	Power Train II	4
	TOTAL	**11**

DIESEL TECHNOLOGY - BASIC
LEVEL ONE CERTIFICATE

Program of Study

	Fall Semester	Credit		Spring Semester	Credit
DEMR 1406	Diesel Engine I	4	DEMR 1349[1]	Diesel Engine II	3
DEMR 1405	Basic Electrical Systems	4	DEMR 1417	Basic Brake Systems	4
DEMR 1301	Shop Safety and Procedures	3	DEMR 1421	Power Train I	4
	Total	11		Total	11

Total Credit Hours for Certificate 22

Notes: 1 Capstone course that consolidates the student's learning experiences.

DIESEL TECHNOLOGY - ADVANCED
LEVEL ONE CERTIFICATE

Program of Study (Prerequisite: Diesel Technology – Basic Level One Certificate)

	Fall Semester	Credit		Spring Semester	Credit
DEMR 1423	Heating, Ventilation, and Air Conditioning (HVAC) Troubleshooting and Repair	4	DEMR 2348	Failure Analysis	3
			DEMR 2432	Electronic Controls	4
DEMR 1310	Diesel Engine Testing and Repair I	3	DEMR 2281[1]	Coop Education – Diesel Mechanics Technology/Technician	2
DEMR 1447	Power Train II	4	DEMR 1330	Steering and Supervision I	3
	Total	11		Total	12

Total Credit Hours for Certificate 45

Notes: 1 Capstone course that consolidates the student's learning experiences.

Tuition and Fees

Standard tuition and fees are assessed to each student as indicated in *Finances* section. Lab and uniform fees are also assessed (*see Course Descriptions*). Each student can also expect to purchase the following required textbooks and tools.

1 Tool Set* (*approximate cost*) $600

* A tool list will be provided by instructor.

Textbooks (*approximate cost*) $225

DIESEL TECHNOLOGY SPECIALIZED IN HEAVY EQUPMENT
Uvalde Campus

Purpose

The purpose of the Diesel Technology Specialized in Heavy Equipment Program is to provide students with training in maintaining, troubleshooting, and repairing heavy diesel-powered equipment. Coursework emphasizes diesel engines, hydraulics, electrical, air conditioning, and diesel fuel injection systems. The goal of the program is for graduates to be employable as entry-level technicians in a heavy equipment diesel engine service shop, dealership, or industry.

Admission Requirements

Students are admitted to the Diesel Technology Specialized in Heavy Equipment Program through regular college admission procedures (see Admission Regulations section).

Students will receive a Level One Certificate and/or an Associate of Applied Science (A.A.S.) degree upon satisfactory completion of the program of study and upon making a formal application for graduation (see Curricula section). The Diesel Technology Specialized in Heavy Equipment Program carries three award options, a Level One Basic Certificate, a Level One Advanced Certificate, and an A.A.S. degree. The Level One Certificates are TSI exempt; however, those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s).

Students wo wish to pursue the A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

DIESEL TECHNOLOGY HEAVY EQUIPMENT INTRODUCTORY MECHANIC HELPER OCCUPATIONAL SKILLS AWARD (OSA)

DEMR 1305	Basic Electrical Systems	3
DEMR 1329	Preventative Maintenance	3
DEMR 1317	Basic Brake Systems	3
	TOTAL	**9**

DIESEL TECHNOLOGY HEAVY EQUIPMENT INTERMEDIATE MECHANIC HELPER OCCUPATIONAL SKILLS AWARD (OSA)

HEMR 1401	Tracks and Undercarriages	4
DEMR 1435	Automatic Power Shift and Hydrostatic Transmissions I	4
DEMR 1423	Heating, Ventilation, and Air Conditioning (HVAC) Troubleshooting and Repair	4
	TOTAL	**12**

Students who graduate from the Emergency Health Sciences programs will be able to:

- Communicate effectively, think critically, and assimilate into their community successfully.
- Demonstrate personal behaviors and attitudes consistent with and appropriate to the delivery of pre-hospital emergency medical care.
- Meet the community's need for advanced life support personnel in a variety of settings.
- Work in various occupational settings relating to emergency health services.
- Understand theoretical foundations of the profession, and
- Synthesize knowledge from the basic sciences, social sciences, humanities, and pre-hospital emergency science to conceptualize and resolve patient and health care delivery problems.

Accreditation Agencies

The SWTX EMS Program is an accredited initial EMS Advance Education Program through Texas Department of State Health Services #600146
Texas Department of State Health Services
1100 West 49th Street
Austin, Texas 78756
Phone: (512) 834-6700
http://www.dshs.state.tx.us/emstraumasystems/default.shtm

The SWTX Paramedic Program is pending CAAHEP and CoAEMSP accreditation. The Paramedic program is currently under the LOR status from the CoAEMSP #600954.

Commission on Accreditation of Allied Health Educational Programs
9355 113th St. N, #7790
Seminole, FL 33775
Phone: 727) 210-2350
www.caahep.org

Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)
8301 Lakeview Parkway, Suite 111-312
Rowlett, TX 75088
Phone (214) 703-8445
Fax: (214) 703-8992
www.coaemsp.org

EMERGENCY MEDICAL PROFESSIONS ADVANCED LIFE SKILLS LEVEL ONE OCCUPATIONAL SKILLS AWARD (OSA)

EMSP 1338 Introduction to Advanced Practice 3
EMSP 2434 Medical Emergencies 4
EMSP 2260 Clinical – Emer Med Technology/Tech
           (EMT Paramedic) 2

           TOTAL 9

187

EMERGENCY MEDICAL TECHNICIAN – BASIC
LEVEL ONE CERTIFICATE

Program of Study

		Credit
EMSP 1501[1]	Emergency Medical Technician	5
EMSP 1455[1]	Trauma Management	4
EMSP 1456[1]	Patient Assessment and Airway Management	4
EMSP 1360[1,2]	Clinical – Emergency Medical Technician	3

Total Credit Hours for Level 1 Certificate 16

Notes: 1   Certified EMT – Basic: students enrolled in Paramedic program can earn Advanced Placement Credit for this course.
                 2   Capstone course that consolidates the student's learning experiences.

EMERGENCY MEDICAL TECHNICIAN – PARAMEDIC
LEVEL ONE CERTIFICATE

Program of Study

	Spring Semester	Credit		Fall Semester	Credit
EMSP 1338	Introduction to Advanced Practice	3	EMSP 2306	Emergency Pharmacology	3
EMSP 2434	Medical Emergencies	4	EMSP 2444	Cardiology	4
EMSP 2260	Clinical – Emergency Medical Technology / Technician (EMT Paramedic)	2	EMSP 2261	Clinical – Emergency Medical Technology/ Technician (EMT Paramedic)	2
	Total	9		Total	9

	Spring Semester	Credit
EMSP 2330	Special Populations	3
EMSP 2243	Assessment Based Management	2
EMSP 2135	Advanced Cardiac Life Support	1
EMSP 2364[1]	Practicum (or Field Experience) - Emergency Medical Technology/Technician (EMT Paramedic)	3
	Total	9

Total Credit Hours for Level 1 Certificate...... 18

Notes: 1   Capstone course that consolidates the student's learning experiences.
               π   All students are required to take EDUC 1300/COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements

- Mumps
- Rubella
- Varicella
- Tetanus
  c. The first of three injections in the Hepatitis B vaccination series[2].
2. Proof of American Heart Association (AHA) CPR for Health Care Providers (adult, infant, and child) prior to the first day of class.
3. Submit to urine drug screening and criminal background check as directed by a program official.
4. Students enrolled in the Emergency Medical Technician program must also submit an annual TB skin test completed prior to the date of the initial TB skin test when admitted to the program.
5. Fulfill admission requirements for and be admitted to Southwest Texas College.
6. Must hold a current Texas NREMT EMT or AEMT Certification.
7. Must be in good standing with Texas Department of Health EMS Compliance.

Eligibility for NR/DSHS Certification

The National Register (NR) or EMT-P and Texas Department of State Health Services (DSHS) is the credentialing organization for Emergency Medical Technicians. In order to become nationally certified (NR) and to receive (DSHS) certified EMT-P license graduates of the program must pass the respective exams. Completion of all program didactic and clinical requirements DOES NOT guarantee eligibility to take the NR/DSHS examination. Eligibility is also dependent upon national criminal background checks. Some issues, but not all may include:
1. Conviction of a crime, which includes felony, gross misdemeanor, or misdemeanor, with the only exceptions being speeding and parking violations.
2. Alcohol and/or drug related violations.
3. Military court-martials.
4. Violations or sanctions related to the academic honor code.

For more information, please visit the following website www.dshs.state.tx.us.

Notes: 1. Proof of immunizations must be official laboratory reports (titers) or an official immunization record. All immunizations are required.
2. Hepatitis B vaccination series must be completed within the first year of the program.

Tuition and Fees

Students enrolling in the Emergency Medical Services Program pay the regular college tuition, fees and an additional $300 Allied Health surcharge each fall and spring semester. If you have questions regarding general tuition, please refer to a current SWTX catalog.

LAW ENFORCEMENT ACADEMY
Uvalde and Eagle Pass campuses

Purpose

The purpose of the Southwest Texas College Law Enforcement Academy's Basic Peace Officer course, a 784-hour course of study which exceeds the state-mandated hours of 736, is to prepare prospective law enforcement officers for the Texas Commission on Law Enforcement (TCOLE) Certification Exam. Students who successfully complete the Academy will earn a Level 1 Certificate in Criminal Justice and will be able to sit for the TCOLE Basic Peace Officer State Exam. In addition, upon successful completion, the student may apply the Level 1 Certificate towards the Criminal Justice Associate of Applied Science (AAS – Basic Peace Officer option). The Academy also offers TCOLE in-service courses at both intermediate and advanced levels for the purpose of enhancing the Peace Officers' level of proficiency and meeting training requirements.

MENTAL HEALTH

Purpose

The Mental Health program will equip students with essential skills and knowledge to effectively support individuals with mental health and substance use challenges across various settings. This comprehensive training prepares students to engage in client-centered care, enhancing their ability to respond to crises, understand the complexities of mental health and addiction, and advocate for clients' rights. Through developing effective communication, ethical decision-making, cultural competency and teamwork skills, students will become competent professionals who can work collaboratively within healthcare teams to ensure individuals received respectful, appropriate, and supportive care.

Program Outcomes

Upon completion of the program, students will demonstrate mastery in the following areas:

1. Mental Health Support Skills: Students will be able to assist in providing mental health services in various settings, offering direct support to individuals with mental health challenges.
2. Understanding of Substance Use Disorders: Students will understand the causes and effects of substance use disorders and be prepared to provide basic support for individuals struggling with addiction.
3. Effective Communication: Students will demonstrate effective interviewing and communication skills, essential for interacting with clients and healthcare teams.
4. Crisis intervention: Students will be able to respond to mental health crises, providing immediate assistance and stabilizing individuals in distress.
5. Applied Psychology Skills: Students will be able to apply psychological theories and techniques to understand and manage patient behavior in real-world scenarios.
6. Client Advocacy: Students will be equipped to advocate for patients' rights, ensuring they receive appropriate care and services.
7. Cultural Competency: Students will develop an understanding of diverse populations and will be able to deliver care that is respectful of cultural differences.
8. Ethical Decision-Making: Students will be able to apply ethical principles in all areas of their professional practice, particularly in relation to confidentiality and patient care.
9. Professionalism and Team Collaboration: Students will demonstrate professionalism in their workplace and will be able to collaborate effectively as part of a multidisciplinary healthcare team.

Awards

The Mental Health program offers the following awards:

Mental Health Assistant Occupational Skills Award (OSA)
Mental Health Technician Occupational Skills Award (OSA)
Mental Health – Basic Level One Certificate
Mental Health – Advanced Level One Certificate
Mental Health Associate of Applied Science

Admission Requirements

Students are admitted to the Mental Health program through regular college admission procedures (*see Admission Regulations section*) and program-specific requirements. Students will receive Level One Certificates and the A.A.S. degree upon satisfaction with completing the program of study and upon making a formal application for graduation (*see Curricula section*).

Advanced Placement Policy

To receive advanced placement credit for DAAC 1019 and PSYT 1029, the applicant must hold a current Mental Health Technician Certification (CMHT) issued by the National Career Certification Board (NCCB).

1. Provide appropriate documentation to the Dean of Applied Sciences;
2. Apply and be admitted into the Mental Health program;
3. Have completed at least 6 semester hours at SWTX.

Students who meet these criteria and hold a CMHT will receive a (grade of "P") for the following courses:

DAAC 1319	Introduction to Substance Use Disorders	3 hrs.
PSYT 1329	Interviewing and Communication Skills	3 hrs.

MENTAL HEALTH ASSISTANT
OCCUPATIONAL SKILLS AWARD (OSA)

	Fall Semester	Credit
PSYT 1329	Interviewing and Communication Skills	3
DAAC 1319	Introduction to Substance Use Disorders	3
DAAC 1304	Pharmacology of Substance Use Disorders	3
PSYT 1313	Psychology of Personal Adjustment	3
	Total	12

MENTAL HEALTH
LEVEL ONE CERTIFICATE – BASIC

	Fall Semester	Credit		Spring Semester	Credit
PSYT 1329	Interviewing and Communication Skills	3	PSYT 1309	Health Psychology	3
DAAC 1319	Introduction to Substance Use Disorders	3	PSYT 2321	Crisis Intervention	3
DAAC 1304	Pharmacology of Substance Use Disorders	3	CMSW 1309	Problems of Children and Adolescents	3
PSYT 1313	Psychology of Personal Adjustment	3	SCWK 2301	Assessment and Care Management	3
			CMSW 1327	Treatment Modalities with Special Populations	3
	Total	12	CMSW 1166	Practicum (or Field Experience Clinical/Medical Social Work	1
				Total	16
				Total for Certificate	28

MENTAL HEALTH
LEVEL ONE CERTIFICATE – ADVANCED

	Fall Semester	Credit
DAAC 2307	Family Intervention with Substance Use Disorders	3
DAAC 1311	Counseling Theories	3
DAAC 2454	Dynamics of Group Counseling	4
PSYT 2345	Principles of Behavior Management and Modification	3
CMSW 1167	Practicum (or Field Experience) Clinical/Medical Social Work	1
	Total for Certificate	14

MENTAL HEALTH
ASSOCIATE OF APPLIED SCIENCE

		Credit
General Education Courses:		
Social & Behavioral Sciences	9	
Humanities & Fine Arts	3	
Natural Science & Math	3	
Total General Education Courses		15
Technical Education Courses		45
Total Credit Hours for A.A.S.		60

Program of Study

FIRST YEAR

Fall Semester		Credit
EDUC 1300	Learning Framework	3
PSYT 1329	Interviewing and Communication Skills	3
DAAC 1319	Introduction to Substance Use Disorders	3
DAAC 1304	Pharmacology of Substance Use Disorders	3
PSYT 1313	Psychology of Personal Adjustment	3
	Total	15

Spring Semester		Credit
PSYT 1309	Health Psychology	3
PSYT 2321	Crisis Intervention	3
CMSW 1309	Problems of Children and Adolescents	3
SCWK 2301	Assessment and Care Management	3
CMSW 1327	Treatment Modalities with Special Populations	3
CMSW 1166	Practicum (or Field Experience Clinical/Medical Social Work	1
	Total	16

SECOND YEAR

Fall Semester		Credit
DAAC 2307	Family Intervention with Substance Use Disorders	3
DAAC 1311	Counseling Theories	3
DAAC 2454	Dynamics of Group Counseling	4
PSYT 2345	Principles of Behavior Management and Modification	3
CMSW 1167	Practicum (or Field Experience) Clinical/Medical Social Work	1
	Total	14

Spring Semester		Credit
MATH 1314	College Algebra	3
GOVT 2305	Federal Government	3
PSYC 2301	General Psychology	3
PHIL 2306	Introduction to Ethics	3
PSYC 2320	Abnormal Psychology	3
	Total	15
	Total for A.A.S.	60

2. Implement the standards of career related to the National Healthcareer Association for Electrocardiogram Technician (CET).

3. Implement the standards of care related to the National Healthcareer Association for Phlebotomy Technician (CPT).

4. Implement the standards of care related to the National Healthcareer Association for Clinical Medical Assistant (CCMA).

5. Implement the standards of care related to the National Healthcareer Association for Certified Patient Care Technician Assistant (CRPCT/A)

PATIENT CARE TECHNICIAN NURSING AIDE FOR HEALTH CARE OCCUPATIONAL SKILLS AWARD (OSA)

MDCA 1205	Medical Law and Ethics	2
NURA 1401	Nurse Aide for Health Care	4
NURA 1307	Body Systems	3
NURA 1160	Clinical – Nursing Assistant/Aide & Patient Care Assistant/Aide	1
	TOTAL	10

The Nursing Aide for Health Care Occupational Skills Award prepares students for entry-level positions in healthcare, equipping them with essential knowledge of medical terminology, human anatomy, and patient care skills. The program includes hands-on clinical experience to build confidence and proficiency in real-world settings.

PATIENT CARE TECHNICIAN
LEVEL 1 CERTIFICATE

Program of Study

Fall Semester		Credit
MDCA 1205	Medical Law and Ethics	2
HITT 1305	Medical Terminology I	3
NURA 1401	Nurse Aide for Health Care	4
NURA 1307	Body Systems	3
NURA 1160	Clinical – Nursing Assistant/Aide and Patient Care Assistant/Aide	1
	Total	13

Spring Semester		Credit
MDCA 1317[2]	Procedures in a Clinical Setting	3
PLAB 1323[2]	Phlebotomy	3
MDCA 1210[2]	Medical Assistant Interpersonal and Communication Skills	2
MDCA 1352	Medical Assistant Laboratory Procedures	3
NUPC 1320[1,2]	Patient Care Technician/Assistant	3
	Total	14

Total Credit Hours for Level 1 Certificate .. 27

Notes: 1 Capstone course that consolidates the student's learning experiences.
2 Must have a high school diploma or GED within one year of completion of National Healthcareer Association courses

Tuition and Fees

Students enrolling in the Patient Care Technician program pay regular college tuition, fees and an additional $300 Allied Health surcharge each fall and spring semester. Additional fees are also required prior to admission upon acceptance to the program. The following fees are approximate costs identified to assist the student in financial planning (Note: prices vary from year to year):

- Uniform Scrubs $120
- Books $823.13
- CPR Certification $31

- Background checks $3.00
- Immunizations $235.00

Advanced Placement Policy

In order to receive advanced placement credit for CNA, CCMA, CPT, or CET, the applicant must hold current certifications and/or licensures in each training area.

1. Provide appropriate documentation to the College of Applied Sciences Dean.
2. Must be fully accepted into the PCT program.
3. Must successfully complete COLS 0300 or EDUC 1300, NURA 1307, HITT 1305, and MDCA 1205.

Students Certified as a:
- CNA will receive the following advanced placement credits (grade of "P") for the following courses:
  NURA 1401 .... 4 hrs.
  NURA 1160 .... 1 hr.

- CPT will receive the following advanced placement credit (grade of "P") for the following course:
  PLAB 1323 .... 3 hrs.

- CCMA will receive the following advanced placement credits (grade of "P") for the following courses:
  MDCA 1352 .... 3 hrs.
  MDCA 1210 .... 2 hrs.
  PLAB 1323 .... 3 hrs.

- CET will receive the following advanced placement credits (grade of "P") for the following course:
  MDCA 1317 .... 3 hrs.

POWERLINE TECHNICIAN PROGRAM

Purpose

The Powerline Technician Program will equip individuals with the education and training needed for an entry level powerline apprentice position in the utility industry. Training in the 14-week course will include 10 weeks of powerline specific classroom and field work as well as 4 weeks of truck driver training for a class A CDL. Upon completion of the program students will receive a college Certificate of Completion in Powerline Technician Training, and be eligible to sit for the Class A Commercial Driver's License (CDL) and First Aid/CPR certification exams.

ii. ALL PREREQUISITE COURSES MUST BE COMPLETED BY SPRING OF THE ADMISSION YEAR.
iii. BIOL 2401 and BIOL 2402 (Anatomy & Physiology I/II) must have been completed within 5 years of the time of application to the program. Anatomy & Physiology courses taken beyond the 5 year limit must be repeated, regardless of the grade achieved.
iv. All RADR courses must be completed with a minimum grade of "C" to progress to the next semester of the program.

Tuition and Fees

Students enrolling in the Radiologic Technology program pay the regular college tuition fees and an additional $300 Allied Health surcharge each fall and spring semester. In addition, students accepted in the program will be expected to pay the following additional fees:

Fall semester of freshman year

1. Uniform scrubs, 3 sets of tops and bottoms. Color will be specified by the program ($100.00 - $150.00)
2. Lab coat. Color will be specified by the program ($25.00 - $35.00)
3. White sneakers or nursing shoes ($75.00 - $125.00)
4. Program patches, one for each scrub top, and lab coat ($25.00)
5. Two sets of lead x-ray markers ($35.00)
6. Two SWTX Rad Tech Polo Shirts ($40)

Spring semester of sophomore year

1. ARRT certification exam application ($225.00)
2. Texas Medical Board license/background check/fingerprints ($150.00)
3. TMB JP exam fee ($34.00)
4. Graduation cap, gown, and diploma ($50.00)

All costs listed are estimated and are subject to change without notice.

Withdrawal and Dismissal Policy

SWTX Radiologic Technology program reserves the right to request the withdrawal of any student whose health, conduct, personal qualities, or scholastic records indicate that it would be inadvisable for the student to continue in the program.

A student wishing to withdraw from the program and remain in good standing at SWTX must participate in an exit interview with the program director. The student must also comply with the withdrawal procedures as stated in the college catalog under "Changes and Withdrawals" (see *Academic Regulations* section).

Refund Policy

See *Finances* section

Attendance Policy

Students are required to adhere to attendance policies as outlined in the college catalog and SWTX Radiologic Technology Program Student Handbook.

4. Complete medical exam and turn in medical exam form to Program Director
5. Clinical and Immunization Acknowledgement Form
6. Pregnancy Policy
7. Health Insurance/Needle Stick Insurance is recommended
8. Pass a criminal background check
9. Pass drug screen. Students need to show a valid/current prescription for some medications
10. Interview with Program Director

Surgical Technology Program Information Session will be on the 1st Thursday starting in May 2024 thru July 2024. The program director and academic advisors will review all applications to make sure all forms have been received, are properly completed, and minimum requirements met. Students will be accepted based on completion of required academic courses, GPA, questionnaire, resume, immunization requirements, results of criminal background check, drug screen, and medical clearance. Applicants that do not pass background check and/or drug screen will not be accepted into the surgical technology program.

Applicants will be notified by the program director if they are selected or not selected for the surgical technology program. Applicants not selected but who meet standards will be placed on a replacement list.
*Cost of immunizations, drug screen, and security background check are not covered by SWTX
*Clinical institutions will require the Covid vaccination to gain privileges to the hospital. Other immunizations not listed on Clinical and Immunization Acknowledgement Form may be required.
*There are medical and religious exemptions for Covid vaccination, it will be up to the clinical institution whether to accept or deny a student's exemption
*Clinic sites can request a new drug screen(s) and background check(s) before starting/during clinicals

Student must have the following qualities:

1. Physical stamina – stand, bend stoop for extended periods of time (up to 6-8 hours) with no/minimal breaks
2. Exhibit manual dexterity and fine motor skills in both hands
3. Able to lift 20 lbs.
4. Effective communication skills
5. Hear and understand muffled communication
6. Function without an allergic reaction to an environment with substantial latex exposure
7. No active skin conditions, i.e., psoriasis, eczema
8. Ability to accept constructive criticism and show behavioral change
9. Empathy

Tuition and Fees

Students enrolling in the Surgical Technology Program pay the regular college tuition, fees, and an additional $300 Allied Health surcharge each fall and spring semester. If you have questions regarding general tuition please refer to a current SWTX catalog.

Additional Costs:

1. Textbooks
2. AST Gold Bundle (includes cost of certification exam and AST membership for one year)
3. Board Vitals
4. Trajecsys
5. Uniform scrubs X 3 sets (top and bottom) Color will be specified by the program
6. Lab Coat
7. White sneakers or nursing shoes

Vocational Nursing Advanced Placement Policy

A student who is a Certified Nurse Aid (CNA) may receive credit for:
VNSG 1323 – Basic Nursing Skills (3 hrs.)

To receive advanced placement credit for the vocational nursing certificate of completion, the applicant must:

1. Provide documentation of current CNA certification;
2. Apply and be admitted into the Nursing Program;
3. Have completed at least 6 semester hours at SWTX;
4. Satisfactorily complete a skills assessment exam with a grade of 80% or better;
5. Make arrangements to take the exam with a nursing faculty 4 weeks before the first day of school.

Students who meet the criteria and satisfactorily pass the skills assessment exam will receive advanced placement credit and a grade of "P" for the course. Participation in class and lab are still required.

Graduation Requirements

Students who have met all program requirements are eligible to attend the May commencement ceremony. Graduates will receive a Vocational Nursing Certificate of Completion.

WELDING TECHNOLOGY
Uvalde, Eagle Pass and Crystal City Campuses

Purpose

Welding Technology is a program for those who desire to gain advanced knowledge and skills in the field of welding. Skills in Oxy-Acetylene Welding and Cutting and Shielded Metal Arc Welding will be developed along with related learning in areas such as welding math, drafting, layout, blueprint reading and structural and pipe fabrication The Welding Technology program carries three award options: a Level 1 Certificate, Level 2 Certificate and an A.A.S. degree.

Admission Requirements

Students are admitted through regular college admission procedures *(see Admission Regulations section)*. Students will receive a Level One Certificate and/or an A.A.S. degree upon satisfactory completion of the program of study and upon making formal application for graduation *(see Curricula section)*.

The Welding Technology Program carries three award options, a Level One Basic Certificate, Level One Advanced Certificate, and an A.A.S. degree. The Level 1 Certificates are TSI exempt, however, those not meeting Texas Success Initiative (TSI) requirements are encouraged to enroll in the appropriate developmental course(s). Students pursuing the Level 2 Certificate or A.A.S. degree must meet all TSI requirements.

INTRODUCTORY WELDING ASSISTANT
OCCUPATIONAL SKILLS AWARD (OSA)

WLDG 1430	Intro to Gas Metal Arc Welding (OMAW)	4
WLDG 1428	Intro to Shielded Metal Arc Welding (SMAW)	4
WLDG 1313	Intro to Blueprint Reading For Welders	3
	TOTAL	11

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WELDING TECHNOLOGY - BASIC
LEVEL ONE CERTIFICATE

Program of Study

Fall Semester	Credit
WLDG 1323[2]	Welding Safety, Tools, and Equipment.........3
WLDG 1421[2]	Welding Fundamentals..................................4
WLDG 1430	Introduction to Gas Metal Arc Welding 4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) 4
WLDG 1313	Intro to Blueprint Reading for Welders.........3
	Total 11

Spring Semester	Credit
WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW)............................... 4
WLDG 1317	Introduction to Layout and Fabrication......... 3
WLDG 1435[1]	Introduction to Pipe Welding........................ 4
WLDG 1353	Intermediate Layout and Fabrication 3
	Total 14
	Total Credit Hours for Certificate.............. 25

Notes: 1 Capstone course that consolidates the student's learning experiences.
        2 Recommended bridging course for students with limited prior experience in welding.

WELDING TECHNOLOGY - ADVANCED
LEVEL ONE CERTIFICATE

Program of Study (Prerequisite: Welding Technology – Basic Level One Certificate)

Fall Semester	Credit
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW).. 4
WLDG 2435	Advanced Layout and Fabrication................. 4
WLDG 2451	Advanced Gas Tungsten Arc Welding 4
	Total 12

Spring Semester	Credit
WLDG 2406	Intermediate Pipe Welding 4
WLDG 2453[1]	Advanced Pipe Welding 4
	Total 8
	Total Credit Hours for Certificate............... 20

Notes: 1 Capstone course that consolidates the student's learning experiences.
        2 Recommended bridging course for students with limited prior experience in welding.

WELDING TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE DEGREE

General Education Courses:		Credit
Social & Behavioral Sciences	3	
Humanities & Fine Arts	3	
Mathematics	3	
Other	6	
Total General Education Courses		15
Technical Education Courses		45
Total Credit Hours for A.A.S.		60

Program of Study

FIRST YEAR

Fall Semester   Credit

EDUC 1300π	Learning Framework	
or		
COLS 0300	College Success Skills	
WLDG 1323²	Welding Safety, Tools, and Equipment	3
WLDG 1421²	Welding Fundamentals	4
WLDG 1430	Introduction to Gas Metal Arc Welding	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	4
WLDG 1313	Intro to Blueprint Reading for Welders	3
COSC 1301	Introduction to Computing	3
	Total	14

Spring Semester   Credit

WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG 1317	Introduction to Layout and Fabrication	3
WLDG 1435¹	Introduction to Pipe Welding	4
WLDG 1353	Intermediate Layout and Fabrication	3
	Total	14

Summer Semester   Credit

Core Elective	Social & Behavioral Sciences	3
Core Elective	Speech	3

SECOND YEAR

Fall Semester   Credit

WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)	4
WLDG 2435	Advanced Layout and Fabrication	4
WLDG 2451	Advanced Gas Tungsten Arc Welding	4
	Total	12

Spring Semester   Credit

WLDG 2406	Intermediate Pipe Welding	4
WLDG 2453¹	Advanced Pipe Welding	4
ELECTIVE	Humanities and Fine Arts	3
ELECTIVE	College Level Mathematics	3
	Total	14
	Total Credit Hours for A.A.S.	60

Notes:
1. Capstone course that consolidates the student's learning experiences.
2. Recommended bridging course for students with limited prior experience in welding.
π. All students are required to take EDUC 1300/COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.

Tuition and Fees

Standard tuition and fees are assessed to each student as indicated in *Finances* section. Lab and uniform fees are also assessed. *(see Course Descriptions)*.

WILDLIFE MANAGEMENT
Uvalde Campus

Purpose

The Wildlife Management program will provide proven principles and skills, which will enable students to practice the science of wildlife management. The program will enable students to acquire the capability to become assistant Wildlife Biologists, Park Managers, Game Refuge Managers, Hunting Preserve Managers, Private Land (Ranch) Hunting Operators, Eco Tourism Managers and Wildlife Photographers. The Wildlife Management program offers a one-year Certificate and an Associate of Applied Science (A.A.S.) degree.

Admission Requirements

Students are admitted to the Wildlife Management program through regular college admission procedures *(see Admission Regulations section)*. Students will receive a one-year Certificate and/or an A.A.S. degree upon satisfactory completion of the courses of study and upon making formal application for graduation *(see Curricula section)*.

The Wildlife Management program carries two award options, a one-year Certificate and the two-year A.A.S. degree. The one-year Certificate is TSI exempt, however, those not meeting TSI requirements are encouraged to enroll in the appropriate developmental course(s).

Students who wish to pursue the two-year Certificate and/or the A.A.S. degree must meet all Texas Success Initiative (TSI) requirements.

WILDLIFE MANAGEMENT CERTIFICATE

Program of Study

	Fall Semester	Credit		Spring Semester	Credit
WMGT 1305	Introduction to Wildlife Management	3	WMGT 1264[1]	Practicum – Wildlife and Wildlands Science and Management	2
WMGT 1310	Wildlife Identification	3	WMGT 1315	Wildlife Outdoor Recreation & Management	3
AGRI 1309	Computers in Agriculture	3	GISC 1302	Understanding Geographic Information Systems	3
	Total	9			
			WMGT 1370	Range and Wildlife Ecology	3
				Total	11
				Total Credit Hours for Certificate	20

Notes: 1 Capstone course that consolidates the student's learning experiences.

π All students are required to take EDUC 1300 or COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.

WILDLIFE MANAGEMENT ASSOCIATE OF APPLIED SCIENCE DEGREE

		Credit
General Education Courses:		
Social & Behavioral Sciences	3	
Humanities & Fine Arts	3	
Natural Science & Math	11	
Other	6	
Total General Education Courses		23
Technical Education Courses		37
Total Credit Hours for A.A.S.		60

Program of Study

FIRST YEAR

Fall Semester — Credit

EDUC 1300π	Learning Framework	
or		
COLS 0300	College Success Skills	
WMGT 1305	Introduction to Wildlife Management	3
WMGT 1310	Wildlife Identification	3
AGRI 1309	Computers in Agriculture	3
BIOL 1413	General Zoology	4

Total 13

Spring Semester — Credit

WMGT 1264	Practicum – Wildlife and Wildlands Science and Management	2
WMGT 1315	Wildlife Outdoor Recreation & Management	3
GISC 1302	Understanding Geographic Information Systems	3
AGRI 1370	Range and Wildlife Ecology	3
BIOL 1411	General Botany	4

Total 15

Summer Semester — Credit

| ENGL 1301 | Composition I | 3 |
| ELECTIVE | Speech Communications | 3 |

Total 6

SECOND YEAR

Fall Semester — Credit

WMGT 1300	Wildlife Preserve Management	3
AGRI 2330	Wildlife Conservation and Management	3
GISC 1321	Introduction to Raster-Based Geographic Information Systems	3
ELECTIVE	Social and Behavioral Sciences	3

Total 12

Spring Semester — Credit

WMGT 2359	Wildlife Propagation, Handling & Management	3
WMGT 2264[1]	Practicum – Wildlife and Wildlands Science and Management	2
AGRI 2370	Wildlife Management Techniques	3
ELECTIVE	College Level Mathematics	3
ELECTIVE	Humanities and Fine Arts	3

Total 14

Total Credit Hours for A.A.S. 60

Notes: 1 Capstone course that consolidates the student's learning experiences.

π All students are required to take EDUC 1300 or COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.

ACCT 2301 - Principles of Accounting I - Financial - 3 sem. hrs. (3-0-0) 5203015104
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS). Three lecture hours per week. Prerequisite: None. Recommended co-requisite: MATH 1324

ACCT 2302 - Principles of Accounting II - Managerial - 3 sem. hrs. (3-0-0) 5203015104
This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation. Three lecture hours per week. Prerequisite: ACCT 2401 or 2301.

ACCT 2401 - Principles of Accounting I - Financial - 4 sem. hrs. (3-3-0) 5203015104
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAA) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to Internal Financial Reporting Standards (IFRS). Three lecture and three laboratory hours per week. Prerequisite: None. Recommended co-requisite: MATH 1324. **Lab Fee: $24**

ACCT 2402 - Principles of Accounting II - Managerial - 4 sem. hrs. (3-3-0) 5203015104
This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product cots, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation. Three lecture and three laboratory hours per week. Prerequisite: ACCT 2401. **Lab Fee: $24**

ACNT 1311 - Introduction to Computerized Accounting - 3 sem. hrs. (2-3-0)
Introduction to utilizing the computer in maintaining accounting records, with primary emphasis on a general ledger package. Record keeping using QuickBooks software. Two lecture and three laboratory hours per week. Prerequisite: ACCT 2401 or ACNT 1403. **Lab Fee: $24; QuickBooks Test Prep/Certification Exam Fee: $113**

ACNT 1403 - Introduction to Accounting I - 4 sem. hrs. (3-3-0)
A study of analyzing, classifying, and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

AERM 1203 – Shop Practices – 2 sem. hrs. (1-4-0)
An introduction to shop safety, the correct use of hand tools, equipment, and precision measurement, identification of aircraft hardware, and the fabrication of fluid lines and tubing. Emphasis is on procedures for testing, heat treating, and inspection of aircraft structures. One lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

AERM 1205 – Weight & Balance – 2 sem. hrs. (1-4-0)
An introduction to Federal Aviation Administration (FAA) required subjects relating to the weighing of aircraft, the performance of weight and balance calculations, and appropriate maintenance record entries. One lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

AERM 1208 – Federal Aviation Regulations – 2 sem. hrs. (1-4-0)
A course in the use and understanding of the Federal Aviation Administration (FAA) and aircraft manufacturers' publications, forms and records, and the exercise of mechanic privileges within prescribed limitations. One lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

AERM 1210 – Ground Operations – 2 sem. hrs. (1-3-0)
An introductory course in fuels, servicing methods, safety procedures, aircraft movement, securing and operations of aircraft, external power equipment, aircraft cleaning, and corrosion control. One lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Consumable Supplies Fee: $175**

AERM 1241 – Wood, Fabric, & Finishes – 2 sem. hrs. (1-3-0)
A course in the use and care of various covering materials, finishes and wood structures including approved methods and procedures. Safety also addressed. One lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Consumable Supplies Fee: $175**

BIOL 1413 - General Zoology - 4 sem. hrs. (3-3-0) 2607015103
Fundamental biological concepts relevant to animals, including systematics, evolution, structure and function, cellular and molecular metabolism, reproduction, development, diversity, phylogeny, and ecology. Laboratory activities will reinforce fundamental biological concepts relevant to the lecture portion of the course. (This course is intended for science majors.) Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

BIOL 2101 – Anatomy & Physiology I (Lab) 1 sem. hrs. (0-3-0) 2607075103
The lab provides a hands-on learning experience for the exploration of human system components and basic physiology. Systems to be studied include integumentary, skeletal, muscular, nervous and special senses. Content may be either integrated or specialized. Three laboratory hours per week. Prerequisite: None. Co-requisite: BIOL 2301. **Lab Fee: $24**

BIOL 2102 – Anatomy & Physiology II (Lab) 1 sem. hrs. (0-3-0) 2607075103
The lab provides a hands-on learning experience for the exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Content may be either integrated or specialized. Three laboratory hours per week. Prerequisite: BIOL 2101. Co-requisite: BIOL 2302. **Lab Fee: $24**

BIOL 2106 – Environmental Biology (Lab) – 1 sem. hrs. (0-3-0) 0301035101
This laboratory-based course accompanies Biology 2306, Environmental Biology. Laboratory activities will reinforce principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research. Three laboratory hours per week. Pre/Co-requisite: BIOL 2306 Environmental Biology (lecture). **Lab Fee: $24**

BIOL 2120 - Microbiology for Non-Science Majors (Lab) – 1 sem. hrs. (0-3-0) 2605035103
This course covers basics of culture and identification of bacteria and microbial ecology. This course is primarily directed at pre-nursing and other allied-health majors and covers basics of microbiology. Emphasis is on medical microbiology, infectious diseases, and public health. Three laboratory hours per week. Prerequisite: None. Co-requisite: BIOL 2320. **Lab Fee: $24**

BIOL 2301 – Anatomy & Physiology I – 3 sem. hrs. (3-0-0) 2607075103
Anatomy and Physiology I is the first part of a two-course sequence. It is a study of the structure and function of the human body, including cells, tissues, and organs of the following systems: Integumentary, skeletal, muscular, nervous, and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. Content may be either integrated or specialized. Three lecture hours per week. Prerequisite: None. Co-requisite: BIOL 2101

BIOL 2302 – Anatomy & Physiology II – 3 sem. hrs. (3-0-0) 2607075103
Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body, including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. Content may be either integrated or specialized. Three lecture hours per week. Prerequisite: BIOL 2301 or BIOL 2401. Co-requisite: BIOL 2102

BIOL 2306 – Environmental Biology – 3 sem. hrs. (3-0-0) 0301035101
Principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research. Three lecture hours per week. Recommended prerequisite: MATH 1314 – Successful completion of College Algebra or concurrent enrollment in higher-level mathematics is recommended

BIOL 2316 - Genetics - 3 sem. hrs. (3-0-0) 2608015103
Study of the principles of molecular and classical genetics and the function and transmission of hereditary material. May include population genetics and genetic engineering. Three lecture hours per week. Prerequisite: BIOL 1306 or BIOL 1308 with minimum grade of C.

BIOL 2320 – Microbiology for Non-Science Majors – 1 sem. hrs. (0-3-0) 2605035103
This course covers basic microbiology and immunology and is primarily directed at pre-nursing, pre-allied health, and non-science majors. It provides an introduction to historical concepts of the nature of microorganisms, microbial diversity, the importance of microorganisms, and acellular agents in the biosphere, and their roles in human and animal diseases. Major topics include bacterial structure as well as growth physiology, genetics, and biochemistry of microorganisms. Emphasis is on medical microbiology, infectious diseases, and public health. Three laboratory hours per week. Prerequisite: None. Co-requisite: BIOL 2120

BIOL 2401 - Anatomy and Physiology I - 4 sem. hrs. (3-3-0) 2607075103
Anatomy and Physiology I is the first part of a two-course sequence. It is a study of the structure and function of the human body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include integumentary, skeletal, muscular, nervous, and special senses. Three lecture and three laboratory hours per week. Prerequisite: Biology 1306 and Biology 1307 recommended. **Lab Fee: $24**

BIOL 2402 - Anatomy and Physiology II - 4 sem. hrs. (3-3-0) 2607075103
Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance) and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular,

immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Three lecture and three laboratory hours per week. Prerequisite: BIOL 2401. **Lab Fee: $24**

BIOL 2404 – Anatomy & Physiology (specialized, single-semester course, lecture + lab) – 4 sem. hrs. (3-3-0) 2607075103
Study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. Content may be either integrated or specialized. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

BIOL 2420 - Microbiology for Non-Science Majors - 4 sem. hrs. (3-3-0) 2605035103
This course covers basic microbiology and immunology and is primarily directed at pre-nursing, pre-allied health, and non-science majors. It provides an introduction to historical concepts of the nature of microorganisms, microbial diversity, the importance of microorganisms and acellular agents in the biosphere, and their roles in human and animal diseases. Major topics include bacterial structure as well as growth, physiology, genetics, and biochemistry of microorganism. Emphasis is on medical microbiology, infectious diseases, and public health. The lab course covers basics of culture and identification of bacteria and microbial ecology. This course is primarily directed at pre-nursing and other pre-allied health majors and covers basics of microbiology. Emphasis is on medical microbiology, infectious disease, and public health. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

BIOL 2421 - Microbiology for Science Majors - 4 sem. hrs. (3-3-0) 2605025103
Principles of microbiology, including metabolism, structure, function, genetics, and phylogeny of microbes. The course will also examine the interactions of microbes with each other, hosts, and the environment. The lab will reinforce principles of microbiology, including metabolism, structure, function, genetics, and phylogeny of microbes. Three lecture and three laboratory hours per week. Prerequisite: BIOL 1306 and BIOL 1307. CHEM 1311-1312 or approval of instructor. This course is offered each spring semester and by petition at other times. **Lab Fee: $24**

BMGT 1282 - Cooperative Education- Business Administration and Management, General - 3 sem. hrs. (1-0-7)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. One lecture and seven external hours per week. Prerequisite: None. Co-requisite: BMGT 1301 or 1327. **Co-op Fee: $24**

BMGT 1301 - Supervision - 3 sem. hrs. (3-0-0)
The role of the supervisor. Includes managerial functions as applied to leadership, counseling, motivation, and human relations skills. Three lecture hours per week. Prerequisite: None

BMGT 1307 - Team Building - 3 sem. hrs. (3-0-0)
Principles of building and sustaining teams in organizations. Includes team dynamics, process improvement, trust and collaboration, conflict resolution, and the role of the individual in the team. The student will analyze the process of team building; integrate interpersonal skills, group dynamics, and leadership in the working of a team; and participate in a team to apply tools and techniques of the problem-solving process. Three lecture hours per week. Prerequisite: None.

BMGT 1325 – Office Management – 3 sem. hrs. (3-0-0)
Systems, procedures, and practices related to organizing and planning office work, supervising employee performance, and exercising leadership skills. Three lecture hours per week. Prerequisite: None

BMGT 1327 - Principles of Management - 3 sem. hrs. (3-0-0)
Concepts, terminology, principles, theories, and issues in the field of management. Three lecture hours per week. Prerequisite: None

BMGT 1341 – Business Ethics – 3 sem. hrs. (3-0-0)
Discussion of ethical issues, the development of moral frame of reference, and the need for an awareness of social responsibility in management practices and business activities. Includes ethical corporate responsibility. Three lecture hours per week. Prerequisite: None

BMGT 1383 - Cooperative Education- Business Administration and Management, General - 3 sem. hrs. (1-0-15)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. One lecture and fifteen external hours per week. Prerequisite: BMGT 1382. **Co-op Fee: $24**

BMGT 2303 - Problem Solving and Decision Making - 3 sem. hrs. (3-0-0)
Decision-making and problem-solving processes in organizations utilizing logical and creative problem-solving techniques. Application of theory is provided by experiential activities using managerial decision tools. This is a capstone course that consolidates the student's learning experience and should only be taken during the last semester before graduation. Three lecture hours per week. Prerequisite: None. Co-requisite: BMGT 1282

BMGT 2309 - Leadership - 3 sem. hrs. (3-0-0)
Leadership and its relationship to management. Prepares the student with leadership and communication skills needed to motivate and identify leadership styles. Three lecture hours per week. Prerequisite: None

CDEC 1319 - Child Guidance - 3 sem. hrs. (3-0-0)
An exploration of guidance strategies for promoting prosocial behaviors with individual and groups of children. Emphasis on positive guidance principles and techniques, family involvement, and cultural influences. Three lecture hours per week. Prerequisite: None.

CDEC 1321 - The Infant and Toddler - 3 sem. hrs. (3-0-0)
A study of appropriate infant and toddler programs (birth to age 3), including an overview of development, quality routines, learning environments, materials and activities, and teaching/guidance techniques. Three lecture hours per week. Prerequisite: TECA 1311, TECA 1318, CDEC 1313

CDEC 1354 - Child Growth and Development - 3 sem. hrs. (3-0-0)
Physical, emotional, social, and cognitive factors impacting growth and development of children through adolescence. Three lecture hours per week. Prerequisite: None

CDEC 1356 - Emergent Literacy for Early Childhood - 3 sem. hrs. (2-2-0)
An exploration of principles, methods, and materials for teaching language and literacy through a play-based integrated curriculum to children from birth through age eight. Two lecture and two laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

CDEC 1359 - Children with Special Needs - 3 sem. hrs. (2-2-0)
A survey of information regarding children with special needs including possible causes and characteristics of exceptionalities, intervention strategies, available resources, referral processes, the advocacy role, and legislative issues. Two lecture and two laboratory hours per week. Prerequisite: TECA 1311, TECA 1318, CDEC 1313. **Lab Fee: $24**

CDEC 2280 - Cooperative Education - Child Care Provider/Assistant - 2 sem. hrs. (1-0-8)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. One lecture and eight external hours per week. Prerequisite: CDEC 1281, TECA 1311, TECA 1318, CDEC 1313. **Co-op Fee: $16.25; Background Check Fee: $2**

CDEC 2281 - Cooperative Education - Child Care Provider/Assistant - 2 sem. hrs. (1-0-8)
Career related activities encountered in the student's area of specialization are offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. This is a capstone course and should only be taken during the last semester before graduation. One lecture and eight external hours per week. Prerequisite: CDEC 2280, CDEC 1319, CDEC 1356, CDEC 1281, CDEC 2307, and TECA 1303. **Co-op Fee: $16.25**

CDEC 2307 - Math and Science for Early Childhood - 3 sem. hrs. (2-2-0)
Exploration of principles, methods, and materials for teaching children math and science concepts and process skills through discovery and play. Two lecture and two laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

CDEC 2326 - Administration of Programs for Children I - 3 sem. hrs. (2-2-0)
Application of management procedures for early care and education programs. Includes planning, operating, supervising, and evaluating programs. Topics cover philosophy, types of programs, policies, fiscal management, regulations, staffing, evaluation, and communication. Two lecture and two laboratory hours per week. Prerequisite: CDEC 1319, CDEC 1356, CDEC 1281, CDEC 2307, and TECA 1303. **Lab Fee: $24**

CDEC 2328 – Administration of Programs for Children II – 3 sem. hrs. (3-0-0)
An in-depth study of the skills and techniques in managing early care and education programs, including legal and ethical issues personnel management, team building, leadership, conflict resolution, stress management, advocacy, professionalism, fiscal analysis, technical application in programs and planning parent education/partnerships. Three lecture hours per week. Prerequisite: None

CDEC 2336 – Administration of Programs for Children III – 3 sem. hrs. (3-0-0)
An advanced study of the skills and techniques in administering early care and education programs. Three lecture hours per week. Prerequisite: None

CDEC 2340 – Instructional Techniques for Children with Special Needs (3-0-0)
Exploration of development and implementation of curriculum for children with special needs. Three lecture hours per week. Prerequisite: None

CETT 1302 - Electricity Principles - 3 sem. hrs. (2-4-0)
Principles of electricity including proper use of test equipment, A/C and D/C circuits, and component theory and operations. Two lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Uniform Fee: $150; VGI Refrigerant Certification Fee: $20; Employment Ready Testing Fee: $15; Consumable Supplies Fee: $50**

CETT 1409 - DC-AC Circuits - 4 sem. hrs. (3-3-0)
Fundamentals of DC circuits and AC circuits operation including Ohm's law, Kirchhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive and circuit analysis techniques. Three lecture and three laboratory hours per week. Prerequisite: CETT 1402. **Lab Fee: $24**

CHEM 1111 - General Chemistry I Laboratory - 1 sem. hrs. (0-4-0) 4005015303
Basic laboratory experiments supporting theoretical principles presented in CHEM 1311; Introduction of the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports. Four laboratory hours per week. Prerequisite: CHEM 1311 General Chemistry I or. Co-requisite: CHEM 1311 General Chemistry I. **Lab Fee: $24**

CJSA 1313 - Court Systems and Practices - 3 sem. hrs. (3-0-0)
The judiciary in the criminal justice system; structure of the American court system; prosecution; right to counsel; pre-trial release; grand juries; adjudication process; types and rules of evidence, sentencing. Three lecture hours per week. Prerequisite: None.

CJSA 1322 - Introduction to Criminal Justice - 3 sem. hrs. (3-0-0)
History and philosophy of criminal justice and ethical considerations; crime defined; its nature and impact; overview of criminal justice system; law enforcement; court system; prosecution and defense; trial process; corrections. Three lecture hours per week. Prerequisite: None.

CJSA 1330 – Cybercrimes – 3 sem. hrs. (3-0-0)
An introduction to cybercrime. Topics include specific laws, investigative techniques, and criminological theories applicable to computer crime. Three lecture hours per week. Prerequisite: None

CJSA 1348 – Ethics in Criminal Justice (3-0-0)
Ethical philosophies and issues pertaining to the various professions in the criminal justice system. Includes ethical issues emanating from constitutional conflict with public protection and individual rights, civil liberties, and correctional policies. Three lecture hours per week. Prerequisite: None

CJSA 1351 - Use of Force - 3 sem. hrs. (3-0-0)
Study of the use of force including introduction to and statutory authority for the use of force, force options, deadly force, and related legal issues. Fulfills the Texas Commission on Law Enforcement Use of Force Intermediate Certificate requirement. This course was designed to be repeated multiple times to improve student proficiency. Three lecture hours per week. Prerequisite: CRIJ 1301 or CJSA 1322

CJSA 1400 – Death Investigation I – 4 sem. hrs. (3-2-0)
Concepts, investigations process, scene management, required documentation, and case management for incidences of natural, accidental, and suicidal deaths. Follows the Department of Justice National Guidelines for Death Investigations and meets the criteria for academic credit recognition from the American Board of Medicolegal Death Investigators. Three lecture and two laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

CJSA 2283 – Cooperative Education – Criminal Justice/Safety Studies – 3 sem. hrs. (1-0-7)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. One lecture and seven external experience hours per week. Prerequisite: CRIJ 1301 or CJSA 1322. **Co-Op Fee: $24**

CJSA 2323 - Criminalistics II - 3 sem. hrs. (3-0-0)
Theory and practice of crime scene investigation. Topics include report writing, blood and other body fluids, document examination, etchings, casts and molds, glass fractures, use of microscope, and firearms identification. Three lecture hours per week. Prerequisite: None.

CJSA 2331 - Child Abuse: Prevention and Investigation - 3 sem. hrs. (3-0-0)
Forms of child abuse and neglect and the traits of typical abusers. Includes strategies to investigate abuse, interview victims and witnesses, document evidence in accordance with state law, and conduct case studies. Three lecture hours per week. Prerequisite: None.

CMSW 1166 – Practicum – Clinical and Medical Social Work – 1 sem. hrs. (0-0-7)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Seven external experience hours per week. Prerequisite: None. **Co-Op Fee: $16.25**

CMSW 1167 – Practicum – Clinical and Medical Social Work – 1 sem. hrs. (0-0-7)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college and student. Seven external experience hours per week. Prerequisite: CMSW 1166. **Co-Op Fee: $16.25**

CMSW 1309 – Problems of Children and Adolescents – 3 sem. hrs. (3-0-0)
Examine risk and protective factors, and evaluate effective prevention and intervention models for children and youth. Topics include social, family, educational systems impact, juvenile delinquency, teen sexuality, and mental health including addictive behaviors to promote wellness. Three lecture hours per week. Prerequisite: None

CMSW 1327 – Treatment Modalities with Special Populations – 3 sem. hrs. (3-0-0)
An introduction to evidence-based prevention, intervention, and treatment methods with special populations including ethnic minorities, elderly, children, youth, alternative lifestyles, persons with additions or mental health issues. Three lecture hours per week. Prerequisite: None

CNBT 1110 - Basic Construction Safety - 1 sem. hrs. (3-0-0)
Basic job site construction safety in residential, commercial, and industrial construction. Three lecture hours per week. Prerequisite: None.

CNBT 1400 - Blueprint Reading - 4 sem. hrs. (3-3-0)
Introductory blueprint reading for residential and light commercial construction. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

CNBT 1402 – Mechanical, Electrical and Plumbing Systems in Construction I – 4 sem. hrs. (3-3-0)
A presentation of the basic mechanical, electrical, and plumbing components in construction and their relationship to residential and light commercial buildings. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

CSME 2337 - Advanced Cosmetology Techniques - 3 sem. hrs. (2-2-0)
Mastery of advanced cosmetology techniques including hair designs, professional cosmetology services, and workplace competencies. Two lecture and two laboratory hours per week. Prerequisite: CSME 1405. **Lab Fee: S24**

CSME 2343 - Salon Development - 3 sem. hrs. (2-2-0)
Procedures necessary for salon development. Topics include professional ethics and goal setting, salon operation, and record keeping. Two lecture and two laboratory hours per week. Prerequisite: CSME 1401. **Lab Fee: S24**

CSME 2401 - The Principles of Hair Coloring and Related Theory - 4 sem. hrs. (2-6-0)
Presentation of the theory, practice, and chemistry of hair color. Topics include terminology, application, and workplace competencies related to hair color. Two lecture and six laboratory hours per week. Prerequisite: CSME 1401. **Lab Fee: S24**

CSME 2414 - Cosmetology Instructor II - 4 sem. hrs. (2-6-0)
A continuation of the fundamentals of instructing cosmetology students. Student must have valid Texas Department of Licensing and Regulation license and high school diploma or GED. Two lecture and six laboratory hours per week. Prerequisite: CSME 1434. **Lab Fee: S24**

CSME 2439 - Advanced Hair Design - 4 sem. hrs. (2-5-0)
Advanced concepts in the theory and practice of hair design. Two lecture and five laboratory hours per week. Prerequisite: CSME 1401, CSME 1405. **Lab Fee: S24**

CSME 2441 - Preparation for the State Licensing Examination - 4 sem. hrs. (2-5-0)
Preparation for the state licensing examination. Two lecture and five laboratory hours per week. Prerequisite: CSME 1401; All CSME degree plan courses must be completed prior to enrolling for CSME 2441. **Lab Fee: S24; Exam Fee: S 176.00**

CSME 2444 - Cosmetology Instructor IV - 4 sem. hrs. (2-6-0)
Advanced concepts of instruction in a cosmetology program. Topics include demonstration, development, and implementation of advanced evaluation techniques. Student must have valid Texas Department of Licensing and Regulation license and high school diploma or GED. Two lecture and six laboratory hours per week. Prerequisite: CSME 2449. **Lab Fee: S24**

CSME 2445 - Instructional Theory and Clinic Operation - 4 sem. hrs. (2-6-0)
An overview of the objectives required by the Texas Department of Licensing and Regulation Instructor Examination. Student must have valid Texas Department of Licensing and Regulation license and high school diploma or GED. Capstone course that consolidates the student's learning experiences. Two lecture and six laboratory hours per week. Prerequisite: CSME 2444. **Lab Fee: S24; Texas Department of Licensing and Regulation Instructor Examination Fee: S176**

CSME 2449 - Cosmetology Instructor III - 4 sem. hrs. (2-6-0)
Presentation of lesson plan assignments and evaluation techniques. Student must have valid Texas Department of Licensing and Regulation license and high school diploma or GED. Two lecture and six laboratory hours per week. Prerequisite: CSME 2414. **Lab Fee: S24**

DAAC 1304 – Pharmacology of Substance Use Disorders – 3 sem. hrs. (3-0-0)
Emphasizes pharmacological effects of substances, including tolerance, dependence, cross addiction, drug interaction, withdrawal, and recovery. Describes the psychological and physiological effects of substance use and behaviors. Three lecture hours per week. Prerequisite: None

DAAC 1311 – Counseling Theories – 3 sem. hrs. (3-0-0)
An examination of major theories and current treatment modalities used in the field of counseling. Three lecture hours per week. Prerequisite: None

DAAC 1319 – Introduction to Substance Use Disorders – 3 sem. hrs. (3-0-0)
An overview of causes and impact of substance use disorders, the primary prevention, intervention, and treatment methods utilized, the major drug classifications, and the counselor's code of ethics. Three lecture hours per week. Prerequisite: None

DAAC 2307 – Family Intervention with Substance Use Disorders – 3 sem. hrs. (3-0-0)
Examination of family systems focusing on the effects of substance use and recovery. Three lecture hours per week. Prerequisite: None

DAAC 2454 – Dynamics of Group Counseling – 4 sem. hrs. (4-0-0)
Differentiate types of groups; describe the basic stages of the group process; demonstrate group management skills; document client progress; and identify issues of confidentiality and ethics. Four lecture hours per week. Prerequisite: None

DANC 2303 - Dance Appreciation I - 3 sem. hrs. (3-0-0) 5003015426
Survey of primitive, classical, and contemporary dance and its interrelationship with cultural developments and other art forms. Three lecture hours per week. Prerequisite: None.

DANC 2304 - Dance Appreciation II - 3 sem. hrs. (3-0-0) 5003015426
Survey of the development of contemporary dance forms and their relationships with other modern art forms. Three lecture hours per week. Prerequisite: None.

DEMR 1301 - Shop Safety and Procedures - 3 sem. hrs. (2-2-0)
A study of shop safety, rules, basic shop tools, and test equipment. Two lecture and two laboratory hours per week. Prerequisite: None. **Lab Fee: S24**

ECRD 1211 – Electrocardiography – 2 sem. hrs. (1-3-0)
Fundamentals of cardiovascular anatomy and physiology. Includes basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. One lecture and three laboratory hours per week. Prerequisite: None. **NHA Testing Fee: $115; Lab Fee: $24**

EDUC 1300 - Learning Framework - 3 sem. hrs. (3-0-0) 422701015125
A study of the research and theory in the psychology of learning, cognition, and motivation factors that impact learning, and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. Note: (NOTE: While traditional study skills courses include some of the same learning strategies – e.g., note-taking, reading, test preparation etc. – as learning framework courses, the focus of study skills courses is solely or primarily on skill acquisition. Study skill courses, which are not under-girded by scholarly models of the learning process, are not considered college-level, and, therefore, are distinguished from Learning Framework courses.) Three lecture hours per week. Prerequisite: None.

EDUC 1301 - Introduction to the Teaching Profession - 3 sem. hrs. (3-0-1) 1301015109
An enriched, integrated pre-service course and content experience that provides active recruitment and institutional support of students interested in a teaching career, especially in high need fields. The course provides students with opportunities to participate in early field observations at all levels of P-12 schools with varied and diverse student populations and provides students with support from college and school faculty, preferably in small cohort groups, for the purpose of introduction to and analysis of the culture of schooling and classrooms. Course content should be aligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards. Course must include a minimum of 16 contact hours of field experience in P-12 classrooms. Up to 16 clock hours of P-12 field experiences may be provided by electronic or other video or technology-based method. Three lecture and one external hours per week. Prerequisite: None.

EDUC 2301 - Introduction to Special Populations - 3 sem. hrs. (3-0-1) 1310015109
An enriched, integrated pre-service course and content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic and academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides students with opportunities to participate in early field observations of P-12 special populations and should be aligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards. Must include a minimum of 16 contact hours of field experience in P-12 classrooms with special populations. Up to 16 clock hours of P-12 field experiences may be provided by electronic or other video or technology-based method. Three lecture and one external hours per week. Prerequisite: EDUC 1301.

ELPT 1429 - Residential Wiring - 4 sem. hrs. (3-3-0) 46.0301
Wiring methods for single family and multi-family dwellings. Includes load calculations, service entrance sizing, proper grounding techniques, and associated safety procedures. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

EMSP 1338 – Introduction to Advanced Practice – 3 sem. hrs. (2-3-0)
Fundamental elements associated with emergency medical services to include preparatory practices, pathophysiology, medication administration, and related topics. Two lecture and three laboratory hours per week. Prerequisites: EMSP 1501, EMSP 1455, EMSP 1456, EMSP 1360. Co-requisites: EMSP 2434, EMSP 2260.FISDAP Fee: $141.75; Sterling Credentials Fee: $215.00; **Lab Fee: $24**

EMSP 1360 – Clinical – Emergency Medical Technology/Technician – 3 sem. hrs. (0-0-12)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Twelve external experience hours per week. Prerequisite: None. Co-requisites: EMSP 1501, EMSP 1455, EMSP 1456. **Co-Op Fee: $24; Liability Insurance Fee: $13**

EMSP 1455 – Trauma Management – 4 sem. hrs. (2-7-0)
Knowledge and skills in the assessment and management of patients with traumatic injuries. Two lecture and seven laboratory hours per week. Prerequisite: None. Co-requisites: EMSP 1501, EMSP 1456, EMSP 1360. **Lab Fee: $24**

EMSP 1456 – Patient Assessment and Airway Management – 3 sem. hrs. (2-7-0)
Knowledge and skills required to perform patient assessment, airway management, and artificial ventilation. Two lecture and seven laboratory hours per week. Prerequisite: None. Co-requisites: EMSP 1501, EMSP 1455, EMSP 1360. **Lab Fee: $24**

EMSP 1501 - Emergency Medical Technician - Basic - 5 sem. hrs. (3-5-0)
Preparation for certification as an Emergency Medical Technician (EMT). Three lecture and five laboratory hours per week. Prerequisite: None. Co-requisites: EMSP 1455, EMSP 1456, EMSP 1360. **Lab Fee: $24; FISDAP Fee: $115.50; Sterling Credential Fee: $131; National Registry Emergency Medical Technician Testing Fee: $98**

EMSP 2135 – Advanced Cardiac Life Support – 1 sem. hrs. (1-1-0)
Theory and skill necessary for the management of cardiovascular emergencies as specified by the American Heart Association (AHA) guidelines. This course was designed to be repeated multiple times to improve student proficiency. One lecture and one laboratory hours per week. Prerequisites: EMSP 1501, EMSP 1455, EMSP 1456, EMSP 1360, EMSP 1338, EMSP 2434, EMSP 2260, EMSP 2306, EMSP 2444, EMSP 2261. Co-requisites: EMSP 2330, EMSP 2243, EMSP 2364. **Lab Fee: $16.25**

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HART 2436 - Air Conditioning Troubleshooting - 4 sem. hrs. (2-6-0)
An advanced course in application of troubleshooting principles and use of test instruments to diagnose air conditioning and refrigeration components and system problems including conducting performance tests. Two lecture and six laboratory hours per week. Prerequisite: CETT 1402, HART 1403, HART 1407, HART 1441, HART 2442 and HART 1445 or approval of instructor. **Lab Fee: $24**

HART 2438 - Air Conditioning Installation and Startup - 4 sem. hrs. (2-6-0)
A study of air conditioning system installation, refrigerant piping, condensate disposal, and air cleaning equipment with emphasis on startup and performance testing. Capstone course that consolidates the student's learning experiences. Two lecture and six laboratory hours per week. Prerequisite: CETT 1402, HART 1403 and HART 1441 or approval of instructor. **Lab Fee: $24; EPA Certification Fee: $20,** Student End of Program Assessment Fee $24

HART 2442 - Commercial Refrigeration - 4 sem. hrs. (2-6-0)
Theory and practical application in the maintenance of commercial refrigeration; medium and low temperature applications and ice machines. Two lecture and six laboratory hours per week. Prerequisite: CETT 1402, HART 1407, and MAIR 1449 or approval of instructor. **Lab Fee: $24; R-410 Employment Ready Testing Fee: $25.00; Commercial Refrigeration Test Fee: $15.00; Uniform Fee: $150**

HART 2445 - Residential Air Conditioning Systems Design - 4 sem. hrs. (2-6-0)
Study of the properties of air and results of cooling, heating, humidifying or dehumidifying; heat gain and heat loss calculations including equipment selection and balancing the air system. Two lecture and six laboratory hours per week. Prerequisite: HART 1403, HART 1407, HART 1441 or approval of instructor. **Lab Fee: $24; Refrigerant 410A Certification Fee: $25**

HART 2449 - Heat Pumps - 4 sem. hrs. (2-6-0)
A study of heat pumps, heat pump control circuits, defrost controls, auxiliary heat, air flow, and other topics related to heat pump systems. Two lecture and six laboratory hours per week. Prerequisite: CETT 1402, HART 1403, HART 1407, and HART 1441. **Lab Fee: $24; Other Fees: Heat Pump Employment Ready Test $15.00**

HECO 1322 - Nutrition & Diet Therapy - 3 sem. hrs. (3-0-0) 1905015109
This course introduces general nutritional concepts in health and disease and includes practical applications of that knowledge. Special emphasis is given to nutrients and nutritional processes including functions, food sources, digestion, absorption, and metabolism. Food safety, availability, and nutritional information including food labels, advertising, and nationally established guidelines are addressed. (Cross-listed as BIOL 1322). Three lecture hours per week. Prerequisite: None.

HEMR 1401 – Tracks and Undercarriages – 4 sem. hrs. (2-4-0)
Concepts in operation and maintenance of final drive track systems and undercarriages used on track and wheel type equipment. Two lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Uniform Fee: $120**

HIST 1301 - United States History I - 3 sem. hrs. (3-0-0) 5401025125
A survey of the social, political, economic, cultural, and intellectual history of the United States from pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that maybe addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. Three lecture hours per week. Prerequisite: None

HIST 1302 - United States History II - 3 sem. hrs. (3-0-0) 5401025125
A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. Three lecture hours per week. Prerequisite: None.

HIST 2301 - Texas History - 3 sem. hrs. (3-0-0) 5401025225
A survey of the political, social, economic, cultural, and intellectual history of Texas from the pre-Columbian era to the present. Themes that may be addressed in Texas History include: Spanish colonization and Spanish Texas; Mexican Texas; the Republic of Texas; statehood and secession; oil, industrialization, and urbanization; civil rights; and modern Texas. Three lecture hours per week. Prerequisite: None.

HIST 2311 - Western Civilization I - 3 sem. hrs. (3-0-0) 5401015425
A survey of the social, political, economic, cultural, religious, and intellectual history of Europe and the Mediterranean world from human origins to the 17th century. Themes that should be addressed in Western Civilization I include the cultural legacies of Mesopotamia, Egypt, Greece, Rome, Byzantium, Islamic civilizations, and Europe through the Middle Ages, Renaissance, and Reformations. Three lecture hours per week. Prerequisite: None.

HIST 2312 - Western Civilization II - 3 sem. hrs. (3-0-0) 5401015425
A survey of the social, political, economic, cultural, religious, and intellectual history of Europe and the Mediterranean world from the 17th century to the modern era. Themes that should be addressed in Western Civilization II include absolutism and constitutionalism, growth of nation states, the Enlightenment, revolutions, classical liberalism, industrialization, imperialism, global conflict, the Cold War, and globalism. Three lecture hours per week. Prerequisite: None.

HIST 2321 – World Civilization – 3 sem. hrs. (3-0-0) 5401015325
A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural religions of the world in Africa, the Americas, Asia, Europe and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of

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HIST 2327 – Mexican-American History I (to the United States-Mexico War Era)– 3 sem. hrs. (3-0-0) 5401025425
A survey of the economic, social, political, intellectual, and cultural history of Mexican Americans/Chicanx. Periods include early indigenous societies, conflict and conquest, early European colonization and empires, New Spain, early revolutionary period, Mexican independence and nation building, United States expansion to the Unites States-Mexico War Era. Themes to be addressed are mestizaje and racial formation in the early empire, rise and fall of native and African slavery, relationship to early global economies, development of New Spain's /Mexico's northern frontier, gender and power, missions, resistance and rebellion, emergence of Mexican identities, California mission secularization, Texas independence, United States' wars with Mexico, and the making of borders and borderlands. (May be applied to U.S. History requirement.) Three lecture hours per week. Prerequisite: None.

HIST 2328 – Mexican American History II (from the United States-Mexico War Era) – 3 sem. hrs. (3-0-0) 5401025425
A survey of the economic, social, political, intellectual, and cultural history of Mexican Americans/Chicanx. Periods include the United States-Mexico War Era, incorporation of Northern Mexico into the United States, Porfirian Mexico, and the nineteenth century American West, 1910 Mexican Revolution and Progressive Era, the Great Depression and New Deal, World War II and the Cold War, Civil Rights Era, Conservative Ascendancy, the age of NAFTA and turn of the 21st Century developments. Themes to be addressed are the making of borders and borderlands, impact of Treaty of Guadalupe Hidalgo, gender and power, migration and national identities, citizenship and expulsion, nineteenth century activism and displacement, industrialization and the making of a transnational Mexican working class, urbanization and community formation, emergence of a Mexican American Generation, war and citizenship, organized advocacy and activism, Chicano Movement, changing identifications and identities, trade and terrorism. (May be applied to U.S. history requirement.) Three lecture hours per week. Prerequisite: None

HITT 1305 – Medical Terminology I – 3 sem. hrs. (3-0-0)
Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. Three lecture hours per week. Co-requisites: NURA 1307, MDCA 1205, HITT 1305, NURA 1401.

HRPO 2301 - Human Resources Management - 3 sem. hrs. (3-0-0)
Behavioral and legal approaches to the management of human resources in organizations. Three lecture hours per week. Prerequisite: None.

HRPO 2307   Organizational Behavior – 3 sem. hrs. (3-0-0)
The analysis and application of organizational theory, group dynamics, motivation theory, leadership concepts, and the integration of interdisciplinary concepts from the behavioral sciences. Three lecture hours per week. Prerequisite: None

HUMA 1301 - Introduction to the Humanities I - 3 sem. hrs. (3-0-0) 2401035112
This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create. Three lecture hours per week. Prerequisite: None.

HUMA 1302 – Introduction to Humanities II – 3 sem. hrs. (3-0-0) 2401035112
This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create. Three lecture hours per week. Prerequisite: None

HUMA 1315 - Fine Arts Appreciation - 3 sem. hrs. (3-0-0) 5001015126
This course is an exploration of the purposes and processes in the visual and performing arts (such as music, painting, architecture, drama and dance) and the ways in which they express the values of cultures and human experience. Three lecture hours per week. Prerequisite: None.

HUMA 2323 - World Cultures – 3 sem. hrs. (3-0-0) 240103512
This course is a general study of diverse world cultures. Topics include cultural practices, social structures, religions, arts, and languages. Prerequisite: None

IBUS 1305 - Introduction to International Business and Trade - 3 sem. hrs. (3-0-0)
The techniques of entering the international marketplace. Emphasis on the impact and dynamics of sociocultural, demographic, economic, technological, and political-legal factors in the foreign trade environment. Topics include patterns of world trade, internationalization of the firm, and operating procedures of the multinational enterprise. Three lecture hours per week. Prerequisite: None.

IBUS 1351 - Multinational Enterprises and Partnerships - 3 sem. hrs. (3-0-0)
The essential relationship between domestic and foreign business and industries engaged in shared services and production. Includes economic development through international co-production agreements with governments, technology transfer, legal, financial, labor, and management factors, and practical applications of agreements. Three lecture hours per week. Prerequisite: None.

IBUS 2345 - Import Customs Regulations - 3 sem. hrs. (3-0-0)
Duties and responsibilities of the licensed customs broker. Includes processes for customs clearance including appraisement, bonded warehouse entry, examination of goods, harmonized tariffs, fees, bonding, penalties, quotas, immediate delivery, consumption, and liquidation, computerized systems, laws, and regulations. Three lecture hours per week. Prerequisite: None.

IMED 1301 - Introduction to Digital Media - 3 sem. hrs. (2-3-0)
Theories, elements, and hardware/software components of digital media. Emphasis on conceptualizing and producing digital media presentations. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

ITSC 1325 - Personal Computer Hardware - 3 sem. hrs. (2-4-0)
Current personal computer hardware including assembly, upgrading, setup, configuration, and troubleshooting. Basic computer skills recommended and may be tested the first week of school. If skills are not met, student will be advised to register for COSC 1301. The course is focused towards the CompTIA A+ Essentials, exam code 220-701. Two lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

ITSC 2280 - Cooperative Education, Computer and Information Sciences, General - 2 sem. hrs. (1-0-7)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. Capstone course that consolidates the student's learning experiences. This course must be taken the graduating semester for the A.A.S. degree. One lecture and seven external hours per week. Prerequisite: ITCC 1342 and ITNW 1454 or approval of instructor. **Co-op Fee: $24**

ITSE 1302 - Computer Programming - 3 sem. hrs. (2-3-0)
Introduction to computer programming including design, development, testing, implementation, and documentation. Basic computer skills recommended and may be tested the first week of school. If skills are not met, student will be advised to register for COSC 1301. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

ITSW 1307 - Introduction to Database - 3 sem. hrs. (2-3-0)
Introduction to database theory and the practical applications of a database. Basic computer skills recommended and may be tested the first week of school. If skills are not met, student will be advised to register for COSC 1301. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; MOS Exam Fee: $20; MOS Test Prep Fee: $40**

ITSY 1300 – Fundamentals of Information Security – 3 sem. hrs. (2-2-0)
An introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed. Two lecture and two lab hours per week. Prerequisite: None. **Lab Fee: $24**

ITSY 1342 - Information Technology Security - 3 sem. hrs. (2-3-0)
Instruction in security for network hardware, software, and data, including physical security; backup procedures; relevant tools; encryption; and protection from viruses. An emphasis on acceptable use policy measures, ethical computer use, and the threats seen in the everyday world of technology. Two lecture and three laboratory hours per week. Prerequisite: ITSC 1305 and ITNW 1454. **Lab Fee: $24**

ITSY 2282 – Co-Op Education – CIS Security – 3 sem. hrs. (1-0-7)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. One lecture and seven external experience hours per week. Prerequisite: None. **Co-Op Fee: $24**

ITSY 2300 - Operating System Security - 3 sem. hrs. (2-3-0)
Safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Identify security threats and monitor network security implementations. Use best practices to configure operating systems to industry security standards. Two lecture and three laboratory hours per week. Prerequisite: ITSY 1342. **Lab Fee: $24**

ITSY 2301 – Firewalls & Network Security – 3 sem. hrs. (2-2-0)
Identify elements of secure network design that may include segmentation, Firewall implementation or a combination thereof to mitigate various types of security threats and attacks. Use Best Practices to design, implement, monitor and manage a network security plan. Examine security incident postmortem reporting and ongoing network security activities. Two lecture and two laboratory hours per week. Prerequisite: ITSY 2300. **Lab Fee: $24**

ITSY 2317 - Wireless Security Development - 3 sem. hrs. (2-3-0)
Development of information security policies, standards, and guidelines for an organization. Includes Demilitarized Zone (DMZ), antivirus, Virtual Private Network (VPN), wireless communications, remote access, and other critical administrative and operational security policies. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. Emphasizes wireless security goals of availability, integrity, accuracy, and confidentiality in the design, planning, implementing, operating, and troubleshooting of wireless LAN along with appropriate planning and administrative controls. Two lecture and three laboratory hours per week. Prerequisite: ITNW 1325. **Lab fee $24**

ITSY 2330 – Intrusion Detection – 3 sem. hrs. (2-3-0)
Computer information systems security monitoring, intrusion detection, and crisis management. Includes alarm management, signature configuration, sensor configuration, and troubleshooting components. Emphasizes identifying, resolving, and documenting network crises and activating the response team. Two lecture and three laboratory hours per week. Prerequisite: ITSY 2301. **Lab Fee: $24**

ITSY 2341 – Security Management Practices – 3 sem. hrs. (2-3-0)
In-depth coverage of security management practices, including asset evaluation and risk management; cyber law and ethics issues; policies and procedures; business recovery and business continuity planning; network security design; and developing and maintaining a security plan. Two lecture and three laboratory hours per week. Prerequisite: ITSY 1300. **Lab Fee $24**

ITSY 2342 – Incident Response & Handling – 3 sem. hrs. (2-2-0)
In-depth coverage of incident response and incident handling, including identifying sources of attacks and security breaches; analyzing security logs; recovering the system to normal; performing postmortem analysis; and implementing and modifying security measures. Two lecture and two laboratory hours per week. Prerequisite: ITSY 2300. **Lab Fee: $24**

PHYS 1102 - College Physics Laboratory II - 1 sem. hrs. (0-3-0) 4008015303
This laboratory-based course accompanies PHYS 1302, College Physics II. Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Three laboratory hours per week. Prerequisite: PHYS 1101 College Physics I - Lab. Co-requisite: PHYS 1302 College Physics II. **Lab Fee: $24**

PHYS 1301 - College Physics I - 4 sem. hrs. (3-0) 4008015303
Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving. Three lecture hours per week. Prerequisite: MATH 1314 and MATH 1316; or MATH 2312.Co-requisite: PHYS 1101 University Physics I Laboratory

PHYS 1302 - College Physics II - 4 sem. hrs. (3--0) 4008015303
Fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Three lecture hours per week. Prerequisite: PHYS 1301 College Physics I; PHYS 1101 College Physics I Laboratory. Co-requisite: PHYS 1102 College Physics II Laboratory

PHYS 1405 - Elementary Physics I - 4 sem. hrs. (3-3-0) 4008015103
Conceptual level survey of topics in physics intended for liberal arts and other non-science majors. This course is designed for the business major, education major, or liberal arts major, and is not recommended for students majoring in mathematics, biology, chemistry, physics, pre-engineering, or any other physical or life sciences. Concepts and fundamental principles of mechanics, heat and sound are presented in both lecture and laboratory settings with minimum use of mathematics. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

PHYS 1407 - Elementary Physics II - 4 sem. hrs. (3-3-0) 4008015103
Conceptual level survey of topics in physics intended for liberal arts and other non-science majors. This course is designed for the business major, education major, or liberal arts major, and is not recommended for students majoring in mathematics, biology, chemistry, physics, pre-engineering, or any other physical or life sciences. Concepts and fundamental principles of light, electricity and magnetism, and modern physics are presented in both lecture and laboratory settings with minimum use of mathematics. Three lecture and three laboratory hours per week. Prerequisite: PHYS 1405 or equivalent. **Lab Fee: $24**

PHYS 2125 - University Physics Laboratory I - 1 sem. hrs. (0-3-0) 4008015303
Basic laboratory experiments supporting theoretical principles presented in PHYS 2325 involving the principles and applications of classical mechanics, including harmonic motion and physical systems; experimental design, data collection and analysis, and preparation of laboratory reports. Three laboratory hours per week. Prerequisite: None. Co-requisite: PHYS 2325 University Physics I. **Lab Fee: $24**

PHYS 2126 - University Physics Laboratory II - 1 sem. hrs. (0-3-0) 4008015603
Laboratory experiments supporting theoretical principles presented in PHYS 2326 involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics; experimental design, data collection and analysis, and preparation of laboratory reports. Three laboratory hours per week. Prerequisite: PHYS 2325 University Physics I; PHYS 2125 University Physics I Laboratory. Co-requisite: PHYS 2326 University Physic II. **Lab Fee: $24**

PHYS 2325 - University Physics I - 3 sem. hrs. (3-0-0) 4008015203
Fundamental principles of physics, using calculus, for science, computer science, and engineering majors; the principles and applications of classical mechanics, including harmonic motion, physical systems and thermodynamics; and emphasis on problem solving. Three lecture hours per week. Prerequisite: MATH 2413. Co-requisite: PHYS 2125

PHYS 2326 - University Physics II – 3 sem. hrs. (3-0-0) 4008015503
Principles of physics for science, computer science, and engineering majors, using calculus, involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light and optics. Three lecture hours per week. Prerequisite: PHYS 2325 and MATH 2414; Co-requisite: PHYS 2126

PLAB 1323 – Phlebotomy – 3 sem. hrs. (2-2-0)
Skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children, and infants. Emphasis on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology. Two lecture and two laboratory hours per week. Co-requisites: MDCA 1352, NUPC 1320, MDCA 1210, MDCA 1317. **NHA Testing: 129; Lab Fee: $24, NHA Testing Preparation Package Fee: $84**

POFI 1349 - Spreadsheets - 3 sem. hrs. (2-3-0)
Skill development in concepts, procedures, and application of spreadsheets. This course is designed to be repeated multiple times to improve student proficiency. Basic computer skills recommended and may be tested the first week of school. If skills are not met, student will be advised to register for COSC 1301. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; MOS Exam Fee: $20; MOS Test Prep Fee: $40**

POFI 2301 - Word Processing - 3 sem. hrs. (2-3-0)
Word processing software focusing on business applications. This course is designed to be repeated multiple times to improve student proficiency. Basic computer skills recommended and may be tested the first week of school. If skills are not met, student will be advised

to register for POFT 1329. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; MOS Exam Fee: $20; MOS Test Prep Fee: $40**

POFI 2331 - Desktop Publishing - 3 sem. hrs. (2-3-0)
In-depth coverage of desktop publishing terminology, text editing, and use of design principles. Emphasis on layout techniques, graphics, multiple page displays and business applications. This course is designed to be repeated multiple times to improve student proficiency. Two lecture and three laboratory hours per week. Prerequisite: POFI 2301. **Lab Fee: $24**

POFT 1301 - Business English - 3 sem. hrs. (3-0-0)
Introduction to a practical application of basic language usage skills with emphasis on fundamentals of writing and editing for business. Three lecture hours per week. Prerequisite: POFI 2301.

POFT 1309 - Administrative Office Procedures I - 3 sem. hrs. (2-3-0)
Study of current office procedures, duties, and responsibilities applicable to an office environment. Capstone course that consolidates the student's learning experiences. This course should be taken during the second semester before the completion of the one-year certificate. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; MOS Exam Fee: $20; MOS Test Prep Fee: $40**

POFT 1313 - Professional Workforce Preparation - 3 sem. hrs. (3-0-0)
Preparation for career success including ethics, interpersonal relations, professional attire, and advancement. Three lecture hours per week. Prerequisite: None.

POFT 1325 - Business Math Using Technology - 3 sem. hrs. (2-3-0)
Skill development in business math problem-solving using technology. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

POFT 1329 - Beginning Keyboarding - 3 sem. hrs. (2-3-0)
Skill development in keyboarding techniques. Emphasis on development of acceptable speed and accuracy levels and formatting basic documents. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

POFT 2281 - Cooperative Education - Administrative Assistant/Secretarial Science, General - 2 sem. hrs. (1-0-8)
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. Capstone course that consolidates the student's learning experiences. This course should be taken the graduating semester for the A.A.S. degree. One lecture and eight external hours per week. Prerequisite: None. **Co-op Fee: $24**

POFT 2331 – Administrative Project Solutions – 3 sem. hrs. (2-3-0)
Advanced concepts of project management and office procedures integrating software applications, critical thinking, and problem-solving skills. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Software Fee: $20**

PSYC 1300 - Learning Framework - 3 sem. hrs. (3-0-0) 4227015125
A study of the 1) research and theory in the psychology of learning, cognition, and motivation, 2) factors that impact learning, and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. Three lecture hours per week. Prerequisite: None.

PSYC 2301 - General Psychology - 3 sem. hrs. (3-0-0) 4201015125
General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. Three lecture hours per week. Prerequisite: None.

PSYC 2314 - Lifespan Growth and Development - 3 sem. hrs. (3-0-0) 42270315125
Life-Span Growth and Development is a study of social, emotional, cognitive and physical factors and influences of a developing human from conception to death. Three lecture hours per week. Prerequisite: None

PSYC 2315 - Psychology of Adjustment - 3 sem. hrs. (3-0-0) 4201015625
Study of the processes involved in adjustment of individuals to their personal and social environments. Three lecture hours per week. Prerequisite: None.

PSYC 2317 – Statistical Methods in Psychology – 3 sem. hrs. (3-0-0) 4201015225
This course covers descriptive and inferential statistics used in psychological research and assessment. It includes measurement, characteristics of distributions; measures of central tendency and variability; transformed scores; correlation and regression; probability theory; and hypotheses testing and inference. (PSYC 2317 is included in the Psychology Field of Study). Three lecture hours per week. Prerequisite: PSYC 2301, MATH 1314

PSYC 2319 - Social Psychology - 3 sem. hrs. (3-0-0) 42270715125
Study of individual behavior within the social environment. May include socio-psychological processes, attitude formation and change, interpersonal relations, and group processes, self, social cognition, and research methods. Three lecture hours per week. Prerequisite: PSYC 2301

PSYT 1309 – Health Psychology – 3 sem. hrs. (3-0-0)
Exploration of behavioral medicine and the interdependence of mind and body. Topics include the study of physiological, psychological, behavioral, and social effects of diseases and disabilities. Three lecture hours per week. Prerequisite: None

PSYT 1313 – Psychology of Personal Adjustment – 3 sem. hrs. (3-0-0)
Overview of personal, social, and work adjustment skills. Three lecture hours per week. Prerequisite: None

PSYT 1329 – Interviewing and Communication Skills – 3 sem. hrs. (3-0-0)
Development of the basic communication skills necessary to develop an effective helping relationship with clients. Emphasis on importance of effective oral communications. Three lecture hours per week. Prerequisite: None

PSYT 2321 – Crisis Intervention – 3 sem. hrs. (3-0-0)
Examination of crisis management and intervention theories in assisting clients in crisis situations. Three lecture hours per week. Prerequisite: None

PSYT 2345 – Principles of Behavior Management and Modification – 3 sem. hrs. (3-0-0)
An analysis of behavior management and cognitive theories and techniques with emphasis on their applications. Three lecture hours per week. Prerequisite: None

RADR 1260 - Clinical-Radiologic Technology/Science-Radiographer - 2 sem. hrs. (0-0-10)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Ten external experience hours per week. Prerequisite: Admission to Radiologic Technology Program. **Co-op Fee: $24; Dosimetry Fee: $12; Allied Health Fee: $300; Liability Insurance Fee: $13**

RADR 1309 - Introduction to Radiography and Patient Care - 3 sem. hrs. (2-4-0)
An overview of the historical development of radiography, basic radiation protection, an introduction to medical terminology, ethical and legal issues for health care professionals, and an orientation to the profession and to the health care system. Patient assessment, infection control procedures, emergency and safety procedures, communication and patient interaction skills, and basic pharmacology are also included. Two lecture and four laboratory hours per week. Prerequisite: Admission to Radiologic Technology Program. **Lab Fee: $24**

RADR 1311 - Basic Radiographic Procedures - 3 sem. hrs. (2-4-0)
An introduction to radiographic positioning terminology, the proper manipulation of equipment, positioning and alignment of the anatomical structure and equipment, and evaluation of images for proper demonstration of basic anatomy.
Two lecture and four laboratory hours per week. Prerequisite: Admission to Radiologic Technology program. **Lab Fee: $24; HESI Radiography Testing Fee: $160.10**

RADR 1313 - Principles of Radiographic Imaging I - 3 sem. hrs. (3-0-0)
Radiographic image quality and the effects of exposure variables. Three lecture hours per week. Prerequisite: Admission to Radiologic Technology program and RADR 2309.

RADR 1360 - Clinical-Radiologic Technology/Science-Radiographer - 3 sem. hrs. (0-0-14)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.
Fourteen external experience hours per week. Prerequisite: Admission to Radiologic Technology Program and RADR 1260. **Co-op Fee: $24; Dosimetry Fee: 12; Allied Health Fee: $300**

RADR 2266 – Practicum (of Field Experience) Radiologic Technology/Science – Radiographer – 2 sem. hrs. (0-0-15)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Fifteen external experience hours per week. Prerequisite: Admission to Radiologic Technology Program; RADR 1360. **Co-op Fee: $24; Dosimetry Fee: 12**

RADR 2267 - Practicum (or Field Experience) Radiologic Technology/Science – Radiographer – 2 sem. hrs. (0-0-15)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Fifteen external experience hours per week. Prerequisite: Admission to Radiologic Technology Program; RADR 2266. **Co-op Fee: $24; Dosimetry Fee: $12**

RADR 2301 - Intermediate Radiographic Procedures - 3 sem. hrs. (2-4-0)
A continuation of the study of the proper manipulation of radiographic equipment, positioning and alignment of the anatomical structure and equipment, and evaluation of images for proper demonstration of anatomy.
Two lecture and four laboratory hours per week. Prerequisite: Admission to Radiologic Technology Program and RADR 1311. **Lab Fee: $24**

RADR 2305 - Principles of Radiographic Imaging II - 3 sem. hrs. (3-0-0)
Radiographic image quality and the effects of exposure variables, and the synthesis of all variables in image production. Three lecture hours per week. Prerequisite: Admission to Radiologic Technology Program and RADR 1313.

RADR 2309 - Radiographic Imaging Equipment - 3 sem. hrs. (3-0-0)
Differentiate between conventional and digital equipment; explain the physics of x-ray production; describe x-ray circuits; and relate conventional and digital equipment components to the imaging process. Three lecture hours per week. Prerequisite: Admission to Radiologic Technology program. **RadTechBootCamp Fee: $190**

RADR 2313 - Radiation Biology and Protection - 3 sem. hrs. (3-0-0)
Effects of Radiation exposure on biological systems. Includes typical medical exposure levels, methods for measuring and monitoring radiation, and methods for protecting personnel and patients from excessive exposure. Three lecture hours per week. Prerequisite: Admission to Radiologic Technology Program and RADR 2309.

RADR 2331 - Advanced Radiographic Procedures - 3 sem. hrs. (2-4-0)
Positioning and alignment of anatomic structures and equipment, evaluation of images for demonstration of anatomy and related pathology. Two lecture and four laboratory hours per week. Prerequisite: Admission to Radiologic Technology Program and RADR 2301. **Lab Fee: $24; HESI Radiography Testing Fee: 160.10**

RADR 2335 - Radiologic Technology Seminar - 3 sem. hrs. (2-4-0)
A capstone course focusing on the synthesis of professional knowledge, skills, and attitudes and preparation for professional employment and lifelong learning. Two lecture and four laboratory hours per week. Prerequisite: Admission to the Radiologic Technology Program. **Lab Fee: $24.00. Kettering National Assessment and Remediation Fee: $219**

RADR 2367 – Practicum (of Field Experience) Radiologic Technology/Science – Radiographer – 3 sem. hrs. (0-0-21)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Twenty-one external experience hours per week. Prerequisite: Admission to Radiologic Technology Program; RADR 2267. **Co-op Fee: 24; Dosimetry Fee: $12; Allied Health Fee: $300; Liability Insurance Fee: $13**

RADR 2467 – Practicum (or Field Experience) Radiologic Technology/Science – Radiographer – 4 sem. hrs. (0-0-28)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Twenty-eight external experience hours per week. Prerequisite: Admission to Radiologic Technology Program; RADR 2367. **Co-op Fee: $24; Dosimetry Fee: $12; Allied Health Fee: $300**

RNSG 1125 - Professional Nursing Concepts I - 1 sem. hrs. (1-0-0)
Introduction to professional nursing concepts and exemplars within the professional nursing roles: Member of Profession, Provider of Patient-Centered Care, Patient Safety Advocate, and Member of the Health Care Team. Content includes clinical judgment, communication, ethical-legal, evidenced-based practice, health promotion, informatics health information technology, patient-centered care, patient education, professionalism, safety, and team/collaboration. Emphasizes role development of the professional nurse. This course lends itself to a concept-based approach. One lecture hour per week. Prerequisite: None.

RNSG 1126 - Professional Nursing Concepts II - 1 sem. hrs. (1-0-0)
Expanding professional nursing concepts and exemplars within the professional nursing roles. Applying concepts of clinical judgment, communication, ethical-legal, evidenced-based practice, patient-centered care, professionalism, safety, and team/collaboration through exemplars presented in the Health Care Concepts II course. Introduces concept of leadership and management. Emphasizes role development of the professional nurse. This course lends itself to a concept-based approach. One lecture hour per week. Prerequisite: None

RNSG 1128 - Introduction to Health Care Concepts - 1 sem. hrs. (1-0-0)
An introduction to concept-based learning with emphasis on selected pathophysiological concepts with nursing applications. Concepts include acid-base balance, fluid and electrolytes, immunity, gas exchange, perfusion, metabolism, coping, and tissue integrity. This course lends itself to a concept-based approach. One lecture hour per week. Prerequisite: None.

RNSG 1237- Professional Nursing Concepts III - 2 sem. hrs. (2-0-0)
Application of professional nursing concepts and exemplars within the professional nursing roles. Utilizes concepts of clinical judgment, ethical-legal, evidenced-based practice, patient-centered care, professionalism, safety, team work and team/collaboration. Introduces the concept of quality improvement, health information technology and health care organizations. Incorporates concepts into role development of the professional nurse. This course lends itself to a concept-based approach. Two lecture hour per week. Prerequisite: RNSG 1362.

RNSG 1161 - Clinical - Registered Nursing - 1 sem. hrs. (0-0-6)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Six external experience hours per week. Prerequisite: None. **Co-Op Fee: $24**

RNSG 1216 - Professional Nursing Competencies - 2 sem. hrs. (4-4-0)
Development of professional nursing competencies in the care of patients throughout the lifespan. Emphasizes psychomotor skills and clinical reasoning in the performance of nursing procedures related to the concepts of: clinical judgment, comfort, elimination, fluid and electrolytes, nutrition, gas exchange, safety, functional ability, immunity, metabolism, mobility, and tissue integrity. Includes health assessment and medication administration. This course lends itself to a concept-based approach. Four lecture and four laboratory hours per week. Prerequisite: RNSG 1161. **Lab Fee: $24; Nursing Skills Supply Bag Fee: $390.96**

RNSG 1226 - - Professional Nursing Concepts II - 2 sem. hrs. (2-0-0)
Expanding professional nursing concepts and exemplars within the professional nursing roles. Applying concepts of clinical judgment, communication, ethical-legal, evidenced-based practice, patient-centered care, professionalism, safety, and team/collaboration through exemplars presented in the Health Care Concepts II course. Introduces concepts of leadership and management. Emphasizes role development of the professional nurse. This course lends itself to a concept-based approach. Two lecture hours per week. Prerequisite: None

RNSG 1311 - Nursing Pathophysiology - 3 sem. hrs. (3-0-0)
Basic principles of pathophysiology emphasizing nursing applications. Topics include principles of homeostasis related to body systems. (WECM) This course builds on knowledge obtained in anatomy and physiology courses as well as clinical experience that enhance understanding of normal and abnormal indications in the selected patient population. Clear delineation of pathologic changes in human tissue will be utilized as the basis for nursing actions required to assist with patient response to morbidity and mortality. Three lecture hours per week. Prerequisite: Anatomy and Physiology I and II.

RNSG 1362 - Clinical - Registered Nursing - 3 sem. hrs. (0-0-8)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Clinical experience will continue to include concept-based clinical activities with a significant focus on mental health issues. Eight external experience hours per week. Prerequisite: RNSG 1161. **Co-Op Fee: $24**

RNSG 1430 - Health Care Concepts I - 4 sem. hrs. (3-4-0)
In-depth coverage of foundational health care concepts with application through selected exemplars. Concepts include comfort, diversity, elimination, functional ability, human development, mobility, nutrition, sensory perception, sleep, thermoregulation, grief, and tissue integrity. Emphasizes development of clinical judgment skills in the beginning nurse. This course lends itself to a concept-based approach. Three lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Liability Insurance Fee: $13; Typhon Fee: $70; ATI National Assessment Exam & Remediation Fee: $756.25; Allied Health Fee: $300**

RNSG 1533 - Health Care Concepts II - 5 sem. hrs. (4-4-0)
In-depth coverage of health care concepts with application through selected exemplars. Concepts include acid-base balance, coping, clotting, cognition, fluid and electrolytes, gas exchange, immunity, metabolism, nutrition, comfort, and perfusion. Provides continuing opportunities for development of clinical judgment skills. The course lends itself to a concept-based approach. Four lecture and four laboratory hours per week. Prerequisite: RNSG 1161. **Lab Fee: $24; ATI National Assessment Exam & Remediation Fee: $756.25 Allied Health Fee: $300**

RNSG 1538 - Health Care Concepts III - 5 sem. hrs. (4-4-0)
In-depth coverage of health care concepts with nursing application through selected exemplars. Concepts include cellular regulation, end of life, immunity, interpersonal relationships, grief, human development, intracranial regulation, mood/affect, comfort, sexuality, mobility, and reproduction. Provides continuing opportunities for development of clinical judgment skills. The course lends itself to a concept-based approach. Four lecture and four laboratory hours per week. Prerequisite: RNSG 1362. **Lab Fee: $24; ATI National Assessment Exam & Remediation Fee: $756.25**

RNSG 2138 - Professional Nursing Concepts IV - 1 sem. hrs. (1-0-0)
Integration of professional nursing concepts and exemplars within the professional nursing roles. Synthesizes concepts of clinical judgment, ethical-legal, evidenced-based practice, leadership and management, patient-centered care, professionalism, safety, team work and team/collaboration through exemplars presented in the Health Care Concepts courses. Emphasizes concept of quality improvement and introduces health policy. Incorporates concepts into role development of the professional nurse. This course lends itself to a concept-based approach. One lecture hour per week. Prerequisite: RNSG 2361

RNSG 2238 - Professional Nursing Concepts IV - 2 sem. hrs. (2-0-0)
Integration of professional nursing concepts and exemplars within the professional nursing roles. Synthesizes concepts of clinical judgment, ethical-legal, evidenced-based practice, leadership and management, patient-centered care, professionalism, safety, team work and team/collaboration through exemplars presented in the Health Care Concepts courses. Emphasizes concept of quality improvement and introduces health policy. Incorporates concepts into role development of the professional nurse. This course lends itself to a concept-based approach. Two lecture hours per week. Prerequisite: RNSG 1237

RNSG 2361 - Clinical - Registered Nursing - 3 sem. hrs. (0-0-16)
A health-related work-based experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Sixteen external experience hours per week. Prerequisite: RNSG 1362. **Co-op Fee: $24; Allied Health Fee: $300; Urine Drug Screen Fee: $60**

RNSG 2362 - Clinical - Registered Nursing - 3 sem. hrs. (0-0-16)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional Sixteen external experience hours per week. Prerequisite: RNSG 2361. **Co-op Fee: $24; Allied Health Fee: $300**

RNSG 2539 - Health Care Concepts IV - 5 sem. hrs. (4-4-0)
In-depth coverage of advanced health care concepts with nursing applications through selected exemplars. Concepts include cognition, immunity, clotting, fluid and electrolyte balance, gas exchange, metabolism, nutrition, perfusion, coping, tissue integrity, and interpersonal relationships. Continuing development of clinical judgment with integration of all health care program concepts. The course lends itself to a concept-based approach. Four lecture and four laboratory hours per week. Prerequisite: RNSG 2361. **Lab Fee: $24; ATI National Assessment Exam & Remediation Fee: $756.25**

SCWK 2301 – Assessment and Case Management – 3 sem. hrs. (3-0-0)
Exploration of procedures to identify and evaluate an individual's and/or family's strengths, weaknesses, problems, and needs in order to develop an effective treatment plan for diverse populations. Topics include oral and written communications essential for screening, assessment, service delivery, and case management to determine the need for prevention, intervention, and/or referral. Three lecture hours per week. Prerequisite: None

TECA 1354 - Child Growth and Development - 3 sem. hrs. (3-0-0) 1312025209
A study of the physical, emotional, social, language, and cognitive factors impacting growth and development of children through adolescence. Three lecture hours per week. Prerequisite: CDEC 1319, CDEC 1356, CDEC 1281, CDEC 2307, TECA 1303, and CDEC 2280

VNSG 1116 - Nutrition - 1 sem. hrs. (1-0-0)
Introduction to nutrients and the role of diet therapy in growth and development and in the maintenance of health. One lecture hour per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program.

VNSG 1122 - Vocational Nursing Concepts - 1 sem. hrs. (1-0-0)
Introduction to the nursing profession and its responsibilities. Includes: legal, ethical and professional issues in nursing practice Concepts related to the physical, emotional, and psychosocial self-care of the learner/professional. One lecture hour per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program.

VNSG 1126 - Gerontology - 1 sem. hrs. (1-0-0)
Overview of the physical, psychosocial, and cultural aspects of the aging process. Addresses disease processes of aging. Exploration of perceptions toward care of the older adult. This course must be passed with at least an 80 in order to progress to the spring nursing semester. It is taught by Distance Learning technology. Power Point notes are provided to the student through the use of Campus Cruiser and can be downloaded if they have installed Power Point Reader previously. Class will center and focus around total respect for our older adults. The instructor will assist students to recognize the need for all seniors to remain productive and active, as well as the importance in participation in decision making regarding their own care. One lecture hour per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program.

VNSG 1136 - Mental Health - 1 sem. hrs. (1-0-0)
Introduction to the principles and theories of positive mental health and human behaviors. Topics include the history of mental health, current legal and ethical issues, cultural issues, emotional responses, coping mechanisms, and therapeutic communication skills. One lecture hour per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program.

VNSG 1138 - Mental Illness - 1 sem. hrs. (1-0-0)
Study of human behavior with emphasis on emotional and mental abnormalities and modes of treatment incorporating the nursing process and clinical judgment model. One lecture hour per week. Prerequisite: VNSG 1116, VNSG 2331, VNSG 1323, VNSG 1122, VNSG 1136, VNSG 1329, VNSG 1126, VNSG 1227, and VNSG 1360.

VNSG 1227 - Essentials of Medication Administration - 2 sem. hrs. (1-2-0)
General principles of medication administration including determination of dosage, preparation, safe administration, and documentation of multiple forms of drugs. Instruction includes various systems of measurement. One lecture and two laboratory hours per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program. **Lab Fee: $24**

VNSG 1230 - Maternal-Neonatal Nursing - 2 sem. hrs. (2-0-0)
A study of the biological, psychological, and sociological concepts applicable to basic needs of the family including childbearing and neonatal care. Utilization of the nursing process and clinical judgment model in the assessment and management of the childbearing family. Topics include physiological changes related to pregnancy, fetal development, and nursing care of the family during labor and delivery and the puerperium. Two lecture hours per week. Prerequisite: VNSG 1116, VNSG 2331, VNSG 1323, VNSG 1122, VNSG 1136, VNSG 1329, VNSG 1126, VNSG 1227, VNSG 1360.

VNSG 1231 - Pharmacology - 2 sem. hrs. (2-0-0)
Fundamentals of medications and their diagnostic, therapeutic, and curative effects. Includes nursing interventions utilizing the nursing process. Two lecture hours per week. Prerequisite: VNSG 1116, VNSG 2331, VNSG 1323, VNSG 1122, VNSG 1136, VNSG 1227, AND VNSG 1360.

VNSG 1234 - Pediatrics - 2 sem. hrs. (2-0-0)
Study of the care of the pediatric patient and family during health and disease. Emphasis on growth and development needs utilizing the nursing process and clinical judgment model. Two lecture hours per week. Prerequisite: VNSG 1116, VNSG 2331, VNSG 1323, VNSG 1122, VNSG 1136, VNSG 1329, VNSG 1126, VNSG 1227, AND VNSG 1360.

VNSG 1323 - Basic Nursing Skills - 3 sem. hrs. (2-3-0)
Mastery of basic nursing skills and competencies for a variety of health care settings using the nursing process and clinical judgment model as the foundation for all nursing interventions. Two lecture and three laboratory hours per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program. **Lab Fee: $24; Nursing Skills Supply Bag Fee: $336.86**

VNSG 1329 - Medical/Surgical Nursing I - 3 sem. hrs. (3-0-0)
Application of the nursing process and clinical judgment model to the care of the adult patient experiencing medical-surgical conditions along the health-illness continuum in a variety of health care settings. Three lecture hours per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program.

VNSG 1360 - Clinical - Licensed Vocational Nurse Training - 3 sem. hrs. (0-0-16)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Course may be repeated if topics and learning outcomes vary. Sixteen external experience hours per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, and admission into the vocational nursing program. Co-requisite: VNSG 1323, VNSG 2331, VNSG 1329, VNSG 1122, VNSG 1116 Nutrition, VNSG 1126, VNSG 1136, VNSG 1227. **ATI National Assessment Exam and Remediation Fee: $987.50; Allied Health Fee: $300; Insurance Fee $14.50**

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VNSG 1432 - Medical-Surgical Nursing II - 4 sem. hrs. (4-0-0)
Continuation of Medical/Surgical Nursing I with application of the nursing process and clinical judgment model to the care of the adult patient experiencing medical-surgical conditions along the health-illness continuum in a variety of health care settings Four lecture hours per week. Prerequisite: VNSG 1116, VNSG 2331, VNSG 1323, VNSG 1122, VNSG 1136, VNSG 1329, VNSG 1126, VNSG 1227, and VNSG 1360.

VNSG 1561 - Clinical - Licensed Vocational Nurse Training - 5 sem. hrs. (0-0-16)
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Sixteen external experience hours per week. Prerequisite: VNSG 1116, VNSG 2331, VNSG 1323, VNSG 1122, VNSG 1136, VNSG 1329, VNSG 1126, VNSG 1227, VNSG 1360. Co-requisite: VNSG 1230, VNSG 1234, VNSG 1432, VNSG 1138, VNSG 1231. **ATI Exam and Remediation Fee: $987.50; Allied Health Fee: $300**

VNSG 2331 - Advanced Nursing Skills - 3 sem. hrs. (2-3-0)
Application of advanced level nursing skills and competencies in a variety of health care settings utilizing the nursing process and clinical judgment model as problem-solving tools. Two lecture and three laboratory hours per week. Prerequisite: BIOL 2401, BIOL 2402, PSYC 2301, PSYC 2314, VNSG 1323, and admission into the vocational nursing program. **Lab Fee: $24**

WDWK 1413 - Cabinet Making I - 4 sem. hrs. (3-3-0)
Design and construction of base cabinets and wall cabinets for kitchens and bathrooms. Emphasis on safe use of portable and stationary power tools. Three lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 1313 - Introduction to Blueprint Reading for Welders - 3 sem. hrs. (2-3-0)
A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description, and welding processes. Includes systems of measurements and industry standards. Also includes interpretation of plans and drawings used by industry to facilitate field application and production. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 1317 - Introduction to Layout and Fabrication - 3 sem. hrs. (2-3-0)
A fundamental course in layout and fabrication related to the welding industry. Major emphasis on structural shapes and use in construction. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 1323 - Welding Safety, Tools, and Equipment - 3 sem. hrs. (2-3-0)
An introduction to welding equipment and safety practices, including OSHA standards for industry. Two lecture and three laboratory hours per week. Prerequisite: None.

WLDG 1353 – Intermediate Layout and Fabrication – 3 sem. hrs. (2-3-0)
An intermediate course in layout and fabrication. Includes design and production of shop layout and fabrication. Emphasis placed on symbols, blueprints, and written specifications. Two lecture and three laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 1421 - Welding Fundamentals - 4 sem. hrs. (2-6-0)
An introduction to the fundamentals of equipment used in oxy-fuel and arc welding, including welding and cutting safety, basic oxy-fuel welding and cutting, basic arc welding processes and basic metallurgy. Two lecture and four laboratory hours per week. Prerequisite: None. **Lab Fee: $24S; Consumable Supplies Fee: $100**

WLDG 1428 – Introduction to Shielded Metal Arc Welding (SMAW) – 4 sem. hrs. (2-6-0)
An introduction to the shielded metal arc welding process. Emphasis placed on power sources, electrode selection, and various joint designs. Instruction provided in SMAW fillet welds in various positions. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 1430 - Introduction to Gas Metal Arc Welding (GMAW) - 4 sem. hrs. (2-6-0)
Principles of gas metal arc welding, setup and use of Gas Metal Arc Welding (GMAW) equipment, and use of tools/equipment. Instruction in various joint designs. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Uniform Fee: $150; Consumable Supplies Fee: $275**

WLDG 1435 - Introduction to Pipe Welding - 4 sem. hrs. (3-3-0)
An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions and electrodes. An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 1G and 2G using various electrodes. Three lecture and three laboratory hours per week. Prerequisite: WLDG 1425. **Lab Fee: $24**

WLDG 1457 - Intermediate Shielded Metal Arc Welding (SMAW) - 4 sem. hrs. (3-3-0)
A study of the production of various fillets and groove welds. Preparation of specimens for testing in all test positions. Three lecture and three laboratory hours per week. Prerequisite: WLDG 1528. **Lab Fee: $24; American Welding Society (AWS) Certification Testing Fee: $45; Consumable Supplies Fee: $275**

WLDG 2406 – Intermediate Pipe Welding – 4 sem. hrs. (2-6-0)
A comprehensive course on the welding of pipe using the shielded metal arc welding (SMAW) and/or other processes. Welds will be done using various positions. Topics covered include electrode selection, equipment setup, and safe shop practices. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 2435 – Advanced Layout and Fabrication – 4 sem. hrs. (2-6-0)
An advanced course in layout and fabrication. Includes production and fabrication of layout, tools, and processes. Emphasis on applications of fabrications and layout skills. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Uniform Fee: $150; Consumable Supplies Fee: $275**

WLDG 2443 – Advanced Shielded Metal Arc Welding (SMAW) – 4 sem. hrs. (2-6-0)
Advanced topics based on accepted welding codes. Training provided with various electrodes in shielded metal arc welding processes with open V-groove joints in various positions. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Certification Fee: $75**

WLDG 2451 – Advanced Gas Tungsten Arc Welding (GTAW) – 4 sem. hrs. (2-6-0)
Advanced topics in gas tungsten arc welding (GTAW) welding, including welding in various positions and directions. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WLDG 2453 – Advanced Pipe Welding – 4 sem. hrs. (2-6-0)
Advanced topics involving welding of pipe using the shielded metal arc welding (SMAW) process. Topics include electrode selection, equipment setup, and safe shop practices. Emphasis on welding positions 5G and 6G using various electrodes. Two lecture and six laboratory hours per week. Prerequisite: None. **Lab Fee: $24; Consumable Supplies Fee: $250**

WMGT 1264 - Practicum - Wildlife and Wildlands Science and Management - 1 sem. hrs. (0-0-14)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Capstone course that consolidates the student's learning experiences. Fourteen external experience hours per week. Prerequisite: WMGT 1305, WMGT 1310. **Co-op Fee: $24**

WMGT 1300 - Wildlife Preserve Management - 3 sem. hrs. (3-0-0)
Conventional and non-conventional wildlife management techniques. Students will earn a certificate for scoring big game provided by the Buckmasters Trophy Records Organization. Three lecture hours per week. Prerequisite: WMGT 1305, WMGT 1310.

WMGT 1305 - Introduction to Wildlife Management - 3 sem. hrs. (3-0-0)
History of wildlife management based on its economic and ecological impact. Includes basic wildlife and habitat management techniques and discussion of threatened and endangered species. This course provides an introduction to historical and current wildlife and habitat management systems across forests, rangelands, and wetlands of North America. Three lecture hours per week. Prerequisite: None.

WMGT 1310 - Wildlife Identification - 3 sem. hrs. (2-2-0)
Animal, bird, and insect identification (game, non-game), and their importance in the ecosystem. Includes a review of wildlife behavior. Two lecture and two laboratory hours per week. Prerequisite: None. **Lab Fee: $24**

WMGT 1315 - Wildlife Outdoor Recreation & Management - 3 sem. hrs. (3-0-0)
The commercial importance and management of various aspects of outdoor recreation. Three lecture hours per week. Prerequisite: WMGT 1305

WMGT 1370 - Range and Wildlife Ecology - 3 sem. hrs. (3-0-0)
This course provides a basic overview of range and wildlife ecological concepts with an emphasis on conservation and management practices. The concept of integrated rangeland and wildlife management is discussed. Three lecture hours per week. Prerequisite: None.

WMGT 2264 - Practicum - Wildlife and Wildlands Science and Management - 1 sem. hrs. (0-0-14)
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Capstone course that consolidates the student's learning experiences. Fourteen external experience hours per week. Prerequisite: WMGT 1164, WMGT 1305, WMGT 1310, WMGT 1300, AGRI 2303. **Co-op Fee: $24**

WMGT 2359 - Wildlife Propagation, Handling & Management - 3 sem. hrs. (2-2-0)
This course covers the animal husbandry practices pertaining to the propagation of big game animals. The application of non-conventional management techniques with emphasis on animal husbandry directly related toward whitetail deer within confinement. Two lecture and two laboratory hours per week. Prerequisite: WMGT 1300, BIOL 1413. **Lab Fee: $24**

WMGT 2370 - Wildlife Management Techniques - 3 sem. hrs. (2-2-0)
Field and laboratory techniques used in wildlife management and research: aging, sexing, marking, capture, monitoring, disease surveys, food habitats and nutrition analysis, habitat assessment and population estimation. Two lecture and two laboratory hours per week. Prerequisite: WMGT 1305, WMGT 1310, WMGT 1300, AGRI 1309. **Lab Fee: $24**