Dual Credit Matrix – 2019-20

ENGLISH
(UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
*English III "D" Semester I ½ cr 2327 PEIMS # 03220300 GPA Weight: 4.5 ECISD Prerequisite: HS English I, English II	ENGL 1301 Composition I 3 hrs Prerequisites: TSI Writing	ENGL 1301 Composition 3 hrs Prerequisites: High School English I and English II; TSI Rdg/Writing
*English III "D" Semester II ½ cr 2327 PEIMS # 03220300 GPA Weight: 4.5	ENGL 1302 Composition II 3 hrs Prerequisite: ENGL 1301 credit with a 70 or higher	ENGL 1302 Composition II 3 hrs Prerequisite: ENGL 1301; TSI Rdg/Writing
*English IV "D" Semester I ½ cr 2337 PEIMS # 03220400 GPA Weight: 4.5	ENGL 2322 British Literature I to 1800 3 hrs Prerequisite: ENGL 1302 credit with a 70 or higher	ENGL 2322 British Literature to 1800 OR 3 hrs 2327 American Literature to 1865) 3 hrs Prerequisite: ENGL 1302; TSI Rdg/Writing
*English IV "D" Semester II ½ cr 2337 PEIMS # 03220400 GPA Weight: 4.5	ENGL 2323 British Literature II since 1800 3 hrs Prerequisite: ENGL 1302 credit with a 70 or higher	ENGL 2323 British Literature since 1800 OR 3 hrs ENGL 2328 American Literature Since 1865 3 hrs Prerequisite: ENGL 1302; TSI Rdg/Writing

FINE ARTS
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
Art Appreciation 1 Semester 1 ½ cr 4591 PEIMS #03500110 (Will count as 0.5 credit of Art, level I) PHS offered in class	ARTS 1301 Art Appreciation 3 hrs Prerequisite: TSI-Reading	ARTS 1301 Art Appreciation 3 hrs Prerequisite: TSI Reading/Writing
Art Appreciation 1 Semester 2 ½ cr 4591 PEIMS # 03500110 (Will count as 0.5 credit of Art, level I)	ARTS 1303 Art History I OR 3 hrs ARTS 1304 Art History II Prerequisite: TSI-Reading	
Art II Drawing I Semester 1 ½ cr 2647 PEIMS #03500500 **OR** Art III Drawing II Semester 1 4589 PEIMS # 03501300 **OR** Art IV Drawing III, Semester 1 4590 PEIMS # 03502300 Prerequisite: HS Art Drawing I	ARTS 1316 Drawing I (Fall Semester) 3 hrs Prerequisite: TSI Reading	
Art II Drawing I, Semester 2 ½ cr 2647 PEIMS #03500500 **OR** Art III Drawing II Semester 2 4589 PEIMS # 03501300 **OR** Art IV Drawing III, Semester 1 4590 PEIMS # 03502300	ARTS 1317 Drawing II (Spring Semester) 3 hrs Prerequisite: Completion of ARTS 1316 Drawing I; TSI Reading	
Music Studies, Music App. II 1 cr 4654 PEIMS #03155700		MUSI 1301 Jazz, Pop Rock 3 hrs Prerequisite: TSI Reading/Writing
Music Appreciation ½ cr 4653 PEIMS #03155600	MUSI 1306 Music Appreciation 3 hrs Prerequisite: TSI Reading (Available only to students that have already fulfilled their HS Fine Arts credit)	

Applied Music I Semester 1 2658 PEIMS #03152500	½ cr	MUAP 1190 Applied Music Private Lessons 1 hr Prerequisite: TSI Reading Corequisite: Must be enrolled in a major ensemble at their home school (band, orchestra, choir or guitar). Please see David Corman for choir section. Refer to OC schedule for instrument section and teacher.	
Applied Music 1 Semester 2 2658 PEIMS #03152500	½ cr	MUAP 1190 Applied Music Private Lessons 1 hr Prerequisite: TSI Reading Corequisite: Must be enrolled in a major ensemble at their home school (band, orchestra, choir or guitar). Please see Juan Hernandez, Choral Director, for choir section. Refer to OC schedule for instrument section and teacher.	

LANGUAGE OTHER THAN ENGLISH
(UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
Spanish II Semester I ½ 2018 PEIMS # 03440200 GPA Weight: 4.5	SPAN 1411 Beginning Spanish I 4 hrs Prerequisite: High School Spanish I; TSI Reading	SPAN 1411 Beginning Course in Spanish I 4 hrs Prerequisite: TSI Reading/Writing
Spanish II Semester II ½ cr 2018 PEIMS # 03440200 GPA Weight: 4.5	SPAN 1412 Beginning Spanish II 4 hrs Prerequisite: High School Spanish II, Semester I with a 70 or higher or SPAN 1411 with a 70 or higher; TSI Reading	SPAN 1412 Beginning Course in Spanish II 4 hrs Prerequisite: SPAN 1411 with a "C" or higher or one year of high school Spanish; TSI Reading /Writing
Spanish III Semester I ½ cr 2450 PEIMS # 03440300 GPA Weight: 4.5	SPAN 2311 Intermediate Spanish I 3 hrs Prerequisite: High School Spanish II with a 70 or higher or SPAN 1412 with a 70 or higher; TSI Reading	SPAN 2311 (Second Year in Spanish) 3 hrs Prerequisite: SPAN 1411 and 1412, two years of high school Spanish with a "C" or higher, or the required score from the CLEP in Spanish. TSI Reading/Writing
Spanish III Semester II ½ cr 2450 PEIMS # 03440300 GPA Weight: 4.5	SPAN 2312 Intermediate Spanish II 3 hrs Prerequisite: Spanish III, Semester I with a 70 or higher or SPAN 2311 with a 70 or higher; TSI Reading	SPAN 2312 (Second Year in Spanish II) 3 hrs Prerequisite: SPAN 2311, Sem 1 with a 70 or higher, or the required score from the CLEP in Spanish. TSI Reading/Writing
Computer Science I "D" ½ cr Semester 1 4495 PEIMS # 03580200 GPA Weight: 4.5	COSC 1436 Programming Fundamentals I 4 hrs Prerequisite: Reading TSIA, BCIS 1405 or ITSC 1301	
Computer Science I "D" ½ cr Semester 2 4495 PEIMS # 03580200 Prerequisite: Algebra I, High School BIM or BCIS 1405 GPA Weight: 4.5	COSC 1437 Programming Fundamentals II 4 hrs Prerequisite: COSC 1436	
Computer Science II "D" ½ cr Semester 1 2497 PEIMS #03580300 GPA Weight: 4.5	COSC 2436 Programming Fundamentals III 4hrs Prerequisite: COSC 1437	
Computer Science II "D" ½ cr Semester 2 2497 PEIMS #03580300 GPA Weight: 4.5	COSC 2425 Computer Org. & Machine Language 4 hrs Prerequisite: COSC 1436	

MATHEMATICS
(UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
*Precalculus "D" Semester I ½ cr 2483 PEIMS# 03101100 GPA Weight: 4.5	MATH 1314 College Algebra 3 hrs Prerequisite: High School Algebra I & II & Geometry; TSI Math	MATH 1314 College Algebra 3 hrs Or 1324 or 1332 Prerequisite: High School Algebra II or 3 years of high school math: TSI Math

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*Precalculus "D" Semester II ½ cr 2483 PEIMS # 03101100 GPA Weight: 4.5	MATH 2412 Precalculus 4 hrs Prerequisite: High School Algebra I & II & Geometry; TSI Math	MATH 2412 Precalculus 4 hrs Prerequisite: 3 years of high school math to include Algebra I, Geometry and Algebra II; TSI Math
*Independent Study in Mathematics "D" (Calculus) Semester I ½ cr 2491 PEIMS # 03102500 GPA Weight: 4.5	MATH 2413 CALCULUS I 4 hrs Prerequisite: MATH 2412 or satisfactory score on placement examination; TSI Math	MATH 2413 CALCULUS I 4 hrs Prerequisite: MATH 2412; TSI Math
*Independent Study in Mathematics "D" (Calculus) Semester II ½ cr 2491 PEIMS # 03102500 GPA Weight: 4.5	MATH 2414 CALCULUS II 4 hrs Prerequisite: MATH 2413; TSI Math	MATH 2414 CALCULUS II 4 hrs Prerequisite: MATH 2413; TSI Math
Accounting II (Account2ZD) 1 cr 8712 PEIMS #13016700 -This course is offered <u>online only</u>. Students will earn one credit in one semester. This course can be used as a 3rd credit of Math Prerequisite: ECISD Accounting I GPA Weight 4.5	ACCT 2302 Principles of Accounting II 3 hrs Online Only Prerequisite: ACCT 2301	
Independent Study In Mathematics I "D" (Cont Math) ½ cr 2491 PEIMS #03102500 If student has credit in Independent Study in Math, the Independent Study in Math "D" II course number will be used. GPA Weight: 4.5		MATH 1332 Contemporary Math I 3 hrs Prerequisites: Alg I, Geometry, Alg II Math TSI
Discrete Math for Problem Solving ½ cr Course #TBD PEIMS 03102520 GPA Weight: 4.5		MATH 1324 Applications of Discrete Math 3 hrs Prerequisites: Algebra I, Geometry, Algebra II, Math TSI

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PHYSICAL AND HEALTH EDUCATION
(NOT UIL EXEMPT)

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ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
PEFOUND-D ½ cr per course (up to 1 credit) Foundations of Personal Fitness 4809 PEIMS # PES00052A	**Transfers to Universities as part of Core:** 1 hr each KINE 1164 Personal Health & Wellness **Do NOT transfer to University as part of Core. Please check with your University** KINE 1100 Lifestyle Assessment Mod KINE 1106 Jogging and Walking Prerequisite: TSI Reading	
PEITS D (Ind. Or Team Sports) ½ cr per course (up to 1 credit) 4806 PEIMS # PES00055	**Do NOT transfer to University as part of Core. Please check with your University** 1 hr each KINE 1101 Aerobic Dance KINE 1103 Defensive Tactics KINE 1107 Judo/Karate KINE 1108 Physical Conditioning Aerobic KINE 1109 Physical Conditioning Aerobic Adv KINE 1111 Weight Training KINE 1113 Weight Training Advanced KINE 1117 Bowling KINE 1118 Social Dance KINE 1119 Golf (not golf team) KINE 1121 Racquetball KINE 1124 Tennis (Beginning) KINE 1150 Water Aerobics Prerequisite: TSI Reading	

SCIENCE
(UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*Anatomy & Physiology Sem I ½ cr 8718 PEIMS #13020600 GPA Weight: 4.5	BIOL 2401: Anatomy and Physiology I 4 hrs ONLINE or Evening ONLY Prerequisite: Pass TSI Reading & math ECISD Recommended: 3 credits of Science	
* Anatomy & Physiology Sem II ½ cr 8718 PEIMS #13020600 GPA Weight: 4.5	BIOL 2402: Anatomy and Physiology II 4 hrs ONLINE or Evening ONLY Prerequisite: A minimum grade of 70 in BIOL 2401	
*Physics Semester I ½ cr 2522 PEIMS # 03050000 GPA Weight: 4.5	PHYS 1401 College Physics I 4 hrs (Algebra based) Prerequisite or Corequisite: High School Precalculus; TSI Math and Reading	
*Physics Semester II ½ cr 2522 PEIMS #03050000 GPA Weight: 4.5	PHYS 1402 College Physics II 4 hrs (Algebra based) Prerequisite: PHYS 1401 credit Prerequisite or Corequisite: High School Precalculus	
* Biology Semester 1 ½ cr 2550 PEIMS #03010205 NTO students only GPA Weight: 4.5	BIOL 1408 Biology non-Science majors 4 hrs Prerequisite: Pass TSI Math and Reading or developmental reading sequence	
* Biology Semester 2 ½ cr 2550 PEIMS #03010205 NTO students only GPA Weight: 4.5	BIOL 1409 Biology non-Science majors 4 hrs Prerequisite: BIOL 1408 credit with a 70 or better	
*Scientific Research & ½ cr Design I, Semester 1 8583 PEIMS #13037200 ECISD Prerequisite: High School Biology or PreAP Biology **This is a second year Biology. Students must have taken High School Biology.** Note: approved 4th science course GPA Weight: 4.5 ONLY for students who have prior credit for Scientific Research and Design I: 8584: Scientific Research and Design II	BIOL 1406 Biology I for Science Majors 4 hrs Prerequisite: Pass Reading and math TSI, This class is taught at OC and/or at high school embedded in AP Biology.	
*Scientific Research and ½ cr Design I, Semester 2 8583 PEIMS #13037200 ECISD Prerequisite: High School Biology or PreAP Biology **This is a second year Biology. Students must have taken High School Biology** Note: approved 4th science course GPA Weight: 4.5 ONLY for students who have prior credit for Scientific Research and Design I: 8584: Scientific Research and Design II	BIOL 1407 Biology II for Science Majors 4 hrs Prerequisite: BIOL 1406 with a grade of 70 or better; This class is taught at OC and/or at high school embedded in AP Biology.	

*Scientific Research and ½ cr Design I, Semester 1 8583 PEIMS #13037200 ECISD Prerequisite: High School Biology or PreAP Biology **This is a second year Biology. Students must have taken High School Biology.** Note: approved 4th science course GPA Weight: 4.5 ONLY for students who have prior credit for Scientific Research and Design I: 8584: Scientific Research and Design II	BIOL 1408 Biology non-Science majors 4 hrs Prerequisite: Pass Reading TSI or developmental reading sequence	
* Scientific Research and ½ cr Design I, Semester 2 8583 PEIMS #13037200 ECISD Prerequisite: High School Biology or PreAP Biology **This is a second year Biology. Students must have taken High School Biology.** Note: approved 4th science course GPA Weight: 4.5 ONLY for students who have prior credit for Scientific Research and Design I: 8584: Scientific Research and Design II	BIOL 1409 Biology non-Science majors 4 hrs Prerequisite: BIOL 1408 credit	

*Scientific Research and Design I ½ cr
Semester 1
8128 PEIMS #13037200
GPA Weight: 4.5
 	
ECISD prerequisites: Chemistry or PreAP
       Chemistry
 and Algebra II.
This is a second year Chemistry. Students must have taken HS Chemistry
 	
ONLY for students who have prior credit
for Scientific Research and Design I:
   8584: Scientific Research and Design II
	CHEM 1311 General Chemistry AND 3 hrs
	CHEM 1111 General Chem lab 1 hr
	Prerequisite: Pass all sections of TSI, Pass
	College Algebra with 70 or better or
	Corequisite of College Algebra
	.	

* Scientific Research and Design I ½ cr
Semester 2
8128 PEIMS #13037200
GPA Weight: 4.5
ECISD Prerequisites: : Chemistry or PreAP
       Chemistry
 and Algebra II.
This is a second year Chemistry. Students must have taken HS Chemistry
 	
ONLY for students who have prior credit
for Scientific Research and Design I:
   8584: Scientific Research and Design II
	CHEM 1312/1112 General Chem II/ 4 hrs
	   General Chem II (lab)
	Prerequisite: Pass Math 1314 and CHEM
	1311/1111 with 70 or better	

SOCIAL STUDIES

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
*U.S. Government "D" ½ cr 2025 PEIMS # 03330100 GPA Weight: 4.5 ECISD Prerequisite: U.S. History **(UIL EXEMPT)**	GOVT 2305 Federal Government 3 hrs Prerequisite: ECISD, Pass U. S. History with 70 or higher and Reading TSI	PLSC 2305 American National Politics 3 hrs Prerequisite: ECISD U. S. History and TSI Rdg/Writing
*Economics-FE "D" ½ cr 2536 PEIMS #03310300 GPA Weight: 4.5 ECISD Prerequisite: U.S. History **(UIL EXEMPT)**	ECON 2301 3 hrs Principles of Macroeconomics Prerequisite: Reading TSI	
*U.S. History "D" ½ cr 2534 PEIMS # 03340100 Prerequisite: High School W. Geo and W History GPA Weight: 4.5 **(UIL EXEMPT)**	HIST 1301 U.S. History I 3 hrs Prerequisite: Reading TSI **DUE TO EOC, THIS CLASS CANNOT BE TAKEN ONLINE**	
*U.S. History "D" ½ cr 2534 PEIMS # 03340100 GPA Weight: 4.5 **(UIL EXEMPT)**	HIST 1302 U.S. History II 3 hrs Prerequisite: Reading TSI **DUE TO EOC, THIS CLASS CANNOT BE TAKEN ONLINE**	
Sociology ½ cr 4540 PEIMS # 03370100 **(NOT UIL EXEMPT)**	SOCI 1301 Introduction to Sociology 3 hrs Prerequisite: Reading TSI	SOCI 1301 Introduction to Sociology 3 hrs Prerequisite: TSI Rdg/Writing
Psychology ½ cr maximum 4539 PEIMS # 03350100 (1/2 cr, 1ˢᵗ time taken maximum) For students who have ½ credit in psychology, use the following course numbers for 0.5 to 1.0 credit each: **TBD, PEIMS# 03380001,Social Studies Advanced Topics I** **TBD, PEIMS# 03380021, Social Studies Advanced Topics II** **(NOT UIL EXEMPT)**	PSYC 2301 General Psychology OR 3 hrs PSYC 2308 Child Psychology OR 3 hrs PSYC 2302 Applied Psychology 3 hrs PSYC 2314 Lifespan Growth & Development 3 hrs Prerequisite: Reading TSI	PSYC 1301 Introduction to Psychology 3 hrs Prerequisite: TSI Rdg/Writing
Special Topics in Social Studies ½ cr TBD, PEIMS# 03380002 Corequisite or Prerequisite: U.S. History **(NOT UIL EXEMPT)**	GOVT 2306 Texas Government 3 hrs Prerequisite: Reading TSI	

SPEECH
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
Communication Applications ½ cr maximum 4369 PEIMS # 03241400	SPCH 1311 3 hrs Introduction to Speech Communication OR SPCH 1315 Public Speaking Prerequisite: Reading TSIA	COMM 1315 Introduction to Public Speaking 3 hrs Prerequisite: TSI Rdg/Writing
Professional Communications ½ cr 8482 PEIMS # 13009900	SPCH 1321 Business and Professional Speech 3 hrs Prerequisite: Reading TSIA	

CAREER & TECHNICAL EDUCATION AND TECHNOLOGY APPLICATIONS

ACCOUNTING

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Accounting I (AccountIZD) 1 cr 8702 PEIMS #13016600 -This course is offered <u>online only</u>. It is a one-semester course. Students will earn one credit in one semester. Prerequisite: ECISD Pass Algebra I and Geometry **(NOT UIL EXEMPT)**	ACCT 2301 Principles of Accounting 3 hrs (Transfers to Universities) Prerequisite: Pass TSI **OR** ACNT 1403 Intro to Accounting I 4 hrs (Does NOT transfer to Universities) NO TSI is required Online Only	
Accounting II (Account2ZD) 1 cr 8712 PEIMS #13016700 -This course is offered <u>online only</u>. Students will earn one credit in one semester. This course can count as a 3rd math credit. Prerequisite: ECISD Accounting I GPA: 4.5 **(UIL EXEMPT)**	ACCT 2302 Principles of Accounting II 3 hrs (Transfers to Universities) Prerequisite: ACCT 2301 ACNT 1404 Intro to Accounting II 4 hrs (Does NOT transfer to Universities) No TSI is required Prerequisite: ACNT 1403 Online Only	

AUTO TECH
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Auto Tech I 1 cr Semester 1 8423 PEIMS # 13039600 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD 3rd year of English credit	AUMT 1301 Introduction and Theory of Automotive Technology 3 hrs AUMT 1407 Automotive Electrical Systems 4 hrs	
Auto Tech I 1 cr Semester 2 8423 PEIMS # 13039600 Prerequisite: Successful completion of Auto Tech I Semester I	AUMT 1419 Automotive Engine Repair 4 hrs Prerequisite: AUMT 1407	
Auto Tech II 1 cr Semester 1 8424 PEIMS # 13039700 Prerequisite: Successful completion of Auto Tech I Semester II	AUMT 1310 Automotive Break Systems 3 hrs Prerequisite: AUMT 1419	
Auto Tech II 1 cr Semester 2 8424 PEIMS # 13039700 Prerequisite: Successful completion of Auto Tech II Semester I	AUMT 1416 Automotive Suspension & Steering Systems 4 hrs Prerequisite: AUMT 1310	

BUSINESS

(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
Principles of Business, Marketing and Finance ½ cr Semester 2 8412 PEIMS #13011200	MRKG 1311 Principles of Marketing 3 hrs	
Entrepreneurship 1 cr Semester 2 8413 PEIMS #13034400	BUSG 1315 Small Business Operations 3 hrs	
Business Management 1 cr Both Semester 1 and 2 8414 PEIMS #13012100	BUSG 2309 Small Business Management 3 hrs Prerequisite: Either MRKG 1311 or BUSG 1315	
Business Law ½ cr Semester 2 8689 PEIMS #13011700	BUSI 2301 Business Law 3 hrs Prerequisite: Pass TSI Reading	
BIM "D" ½ cr 8643 PEIMS # 13011400 **Note**: This course will not count as a math credit Or 8502 (BIM II "D") for students who have BIM I credit in high school	BCIS 1305 Business Computer 3 hrs (For non-computer science majors) BCIS 1405 Business Computer 4 hrs (For science majors) Prerequisite: Pass TSIA Reading, BCIS 1305 or BCIS 1405 Can get credit for BCIS 1305 OR BCIS 1405. You can not be awarded credit for both of these classes.	
BIM I "D" ½ cr Semester 1 8643 PEIMS # 13011400 **Note**: This course will not count as a math credit		COSC 1335 Computers & Problem Solving 3 hrs Prerequisite: College Algebra

COMPUTER INFORMATON SCIENCE: CISCO

(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Internetworking Technologies I 1 cr Semester 1 8600 PEIMS #N1302803 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD 3rd year of English credit	ITSC 1401 Introduction to Computer 4 hrs (1st 8 wks) ITNW 1325 Fundamentals of Networking 3 hrs (2nd 8 wks)	
Internetworking Technologies I 1 cr Semester 2 8600 PEIMS #N1302803 Prerequisite: Successful completion of Interworking Technologies I Semester 1	ITCC 1414 Intro to Networks 4 hrs Prerequisite: ITNW 1325	
Internetworking Technologies II 1 cr Semester 1 8601 PEIMS #N1302804 Prerequisite: Successful completion of Interworking Technologies I Semester 2	ITCC 1440 Routing and Switching 4 hrs Prerequisite: ITCCS 1414	
Internetworking Technologies II 1 cr Semester 2 8601 PEIMS #N1302804 Prerequisite: Successful completion of Interworking Technologies II Semester 1	ITCC 2412 Scaling Networks 4 hrs Prerequisite: ITCCS 1440	

COMPUTER SCIENCE

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
BIM "D" ½ cr 8643 PEIMS # 13011400 **Note**: This course will not count as a math credit **(NOT UIL EXEMPT)** **orr 8502 BIM II "D" for those students who have BIM I high school credit.**	BCIS 1405 Business Computer Apps 4 hrs (For computer science majors) Prerequisite: Pass TSI Reading, BCIS 1305 Business Computer Apps 3 hrs (For non-computer science majors) Prerequisite: Pass TSI Reading	COSC 1335 Computers & Problem Solving……………………………………3 hrs Prerequisite: College Algebra
Computer Science I "D" ½ cr Semester 1 4496 PEIMS # 03580200 GPA Weight: 4.5 (This course can count as Languages other than English credit) **(UIL EXEMPT)**	COSC 1436 Programming Fundamentals I 4 hrs Prerequisite: Reading TSI, BCIS 1405 or ITSC 1401	
Computer Science I "D" ½ cr Semester 2 4496 PEIMS # 03580200 Prerequisite: Algebra I, High School Business Information Management or BCIS 1405 GPA Weight: 4.5 (This course can count as Languages other than English credit) **(UIL EXEMPT)**	COSC 1437 Programming Fundamentals II 4 hrs Prerequisite: COSC 1436	COSC 1430 Intro to Computer Science 4 hrs Prerequisite: 4 years of high school math AND MATH 1314 or 2412 or equivalent
Computer Science II "D" ½ cr Semester 1 2497 PEIMS #03580300 GPA Weight: 4.5 (This course can count as Languages other than English credit) **(UIL EXEMPT)**	COSC 2436 Programming Fundamentals III 4hrs Prerequisite: COSC 1437	COSC 2430 Intro to Computer Science II ………………………………4 hrs Prerequisite: COSC 1430
Computer Science II "D" ½ cr Semester 2 2497 PEIMS #03580300 GPA Weight: 4.5 (This course can count as Languages other than English credit) **(UIL EXEMPT)**	COSC 2425 Computer Org. & Machine Language 4 hrs Prerequisite: COSC 1437	

CORE ELECTRONICS
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
AC/DC Electronics 1 cr Semester 1 8598 PEIMS # 13036800 Prerequisite: successful completion of ECISD English I English II, Algebra I and Geometry Co-requisite: ECISD 3rd year of English credit	CETT 1409 DC-AC 4 hrs	
DC Circuits 1 cr Semester 2 8574 PEIMS # N1303765 Prerequisite: Successful completion of AC/DC Electronics Semester 1	EEIR 1409 National Electrical Code 4 hrs Prerequisite: CETT 1409,	
Solid State Electronics 1 cr Semester 1 8596 PEIMS # 13036900 Prerequisite: Successful completion of DC Circuits	ELPT 1455 Electronics Applications 4 hrs Prerequisite: EEIR 1409	

	Digital Electronics	1 cr	ELMT 2433 Industrial Electronics	4 hrs	

Digital Electronics 1 cr Semester 2 8593 PEIMS # 13037600 Prerequisite: Successful completion of Solid State Electronics	ELMT 2433 Industrial Electronics 4 hrs Prerequisite: ELPT 1455	

COSMETOLOGY
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Intro to Cosmetology I 1 cr All Year 8438 PEIMS# 13025100 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD English III	CSME 1401 Orientation to Cosmetology 4 hrs CSME 1451 Artistry of Hair Theory & Practice 4 hrs	
Cosmetology I 2 cr All Year 8540 PEIMS# 13025200 Prerequisite: Successful completion of Intro to Cosmetology	CSME 1405 Fundamentals of Cosmetology 4 hrs CSME 1453 Chemical Reformation & Related Theory 4 hrs	
Principles of Cosmetology Design and Color Theory 1 cr All Year 8437 PEIMS# 13025050 Prerequisite: Successful completion of Cosmetology I	CSME 1443 Manicuring & Related Theory 4 hrs CSME 2401 Principles of Hair Coloring and Related Theory 4 hrs	
Cosmetology II 2 cr All Year 8541 PEIMS # 13025300 Prerequisite: Successful completion of Principles of Cosmetology	CSME 2439 Advanced Hair Design 4 hrs CSME 2441 Preparation for State Licensing 4 hrs	

CRIMINAL JUSTICE
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit (online ONLY)
Court Systems and Practices 1 cr Semester 1 8449 PEIMS# 13029600 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD English III	CRIJ 1301 Intro. to Criminal Justice 3 hrs CRIJ 2328 Police Systems and Practices 3 hrs	
Criminal Justice I 1 cr Semester 2 8550 PEIMS# 13029300 Prerequisite: ECISD Court Systems and Practices	CRIJ 1306 Court Systems and Practices 3 hrs CRIJ 2313 Correctional Systems and Practices 3 hrs Prerequisite: CRIJ 1301 and CRIJ 1306	
Criminal Justice II 1 cr Semester 1 8551 PEIMS# 13029400 Prerequisite: ECISD Criminal Justice I, Semester 2	CRIJ 1310 Fundamentals of Criminal Law 3 hrs CRIJ 1313 Juvenile Justice System 3 hrs Prerequisite: CRIJ 1307 and CRIJ 1313	
Criminal Investigation 1 cr Semester 2 8474 PEIMS# 13029550 Prerequisite: ECISD Criminal Justice II, Semester1	CJCR 1304 Probation and Parole 3 hrs CJSA 1348 Ethics in Criminal Justice 3 hrs Prerequisite: CRIJ 2313 and CJCR1304	
Principles of Law, Public Safety, Corrections & Security D ½ cr Semester 1 8115PEIMS #13029200		CRIM 2336 Intro to Criminology 3 hrs
Level I Certification obtained upon successful completion of OC college courses in this pathway.		

CRIMINAL JUSTICE –CRIME SCENE INVESTIGATION
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and ocCredit
Crime Scene Investigation I 1 cr Semester 1 8451 PEIMS #13029300 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD English III	CRIJ 1301 Intro. to Criminal Justice 3 hrs CRIJ 1306 Court Systems and Practices 3 hrs	
Criminalistics I 1 cr Semester 2 8464 PEIMS# 13029600 Prerequisite: ECISD CSI I	CRIJ 1310 Fundamentals of Criminal Law 3 hrs CRIJ 2314 Criminal Investigation 3 hrs Prerequisite: CRIJ 1301 and CRIJ1310	
Crime Scene Investigation II 1 cr Semester 1 8551 PEIMS# 13029400 Prerequisite: ECISD Criminalistics I	CJSA 1308 Criminalistics I 3 hrs CJSA 2323 Criminalistics II 3 hrs Prerequisite: CJSA 1348 and CRIJ 2314	
Criminalistics II 1 cr Semester 2 8474 PEIMS# 13029550 Prerequisite: ECISD CSI II	CJSA 2332 Criminalistics III 3 hrs CJSA 1400 Death Investigations 4 hrs Prerequisite: CJSA 1308 and CJSA 2323	
Level I Certification obtained upon successful completion of O. C. college courses in this pathway.		

CULINARY ARTS
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Advanced Culinary Arts I D 1 cr Semester 1 8512 PEIMS# 13022650 Prerequisite: successful completion of ECISD English I, Eng II and ECISD Culinary Arts Co-requisite: ECISD English III	CHEF 1305 Sanitation & Safety 2 hrs	
Advanced Culinary Arts I D 1 cr Semester 2 8512 PEIMS# 13022650 Prerequisite: Successful completion of Adv. Culinary Arts Semester 1	CHEF 1301 Basic Food Prep 3 hrs Prerequisite: CHEF 1205	
Practicum Culinary Arts D 1 cr Semester 1 8538 PEIMS# 13022700 Prerequisite: Successful completion of Adv Culinary Arts Semester 2	PSTR 1301 Fundamentals of Baking 3 hrs Prerequisite: CHEF 1301	
Practicum Culinary Arts D 1 cr Semester 2 8538 PEIMS# 13022700 Prerequisite: Successful completion of Practicum Culinary Arts Semester 1	CHEF 2301 Intermediate Food Prep 3 hrs Prerequisite: PSTR 1301	

DIESEL TECH
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Diesel Mechanics I D　　　　　1 cr Semester 1 8123 PEIMS # 13040150 Prerequisite: successful completion of ECISD English I and English II Co-requisite: ECISD 3rd year of English credit	AUMT 1301 Introduction and Theory of Automotive Technology　　3 hrs AUMT 1407 Automotive Electrical Systems　　4 hrs	
Diesel Mechanis I D　　　　　1 cr Semester 2 8123 PEIMS # 13040150 Prerequisite: Successful completion of Diesel Mechanics I Semester 1	AUMT 1419 Automotive Engine Repair　　4 hrs Prerequisite: AUMT 1407	
Diesel Mechanics II D　　　　　1 cr Semester 1 8124 PEIMS # 13040160 Prerequisite: Successful completion of Diesel Mechanics I Semester 2	AUMT 1310 Automotive Break Systems　　3 hrs Prerequisite: AUMT 1419	
Diesel Mechanics II D　　　　　1 cr Semester 2 8124 PEIMS # 13040160 Prerequisite: Successful completion of Diesel Mechanics II Semester 1	AUMT 1416 Automotive Suspension & Steering Systems　　4 hrs Prerequisite: AUMT 1310	

EARLY CHILDHOOD EDUCATION
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Child Guidance D　　　　　1 cr Semester 1 8668 PEIMS #13024800 Prerequisites: ECISD English I and English II and Child Development	CDEC 1319 Child Guidance　　3 hrs	
Child Guidance D　　　　　1 cr Semester 2 8668 PEIMS #13024800 Prerequisite: Successful completion of Child Guidance D Semester 1	TECA 1311 Educating Young Children　　3 hrs CDEC 1323 Observation and Assessment　　3 hrs Prerequisite: CDEC 1319	
Practicum in Child Guidance　　　　　1 cr Semester I 8500 PEIMS #1302500 Prerequisite: Successful completion of Child Guidance Semester 2	CDEC 1359 Children with Special Needs　　3 hrs Prerequisite: TECA 1311 and CDEC 1323	
Practicum in Child Guidance　　　　　1 cr Semester 2 8500 PEIMS #1302500 Prerequisite: Successful completion of Practicum Child Guidance Semester 1	CDEC 1358 Creative Arts for Early Childhood　　3 hrs CDEC 1321 The Infant and Toddler　　3 hrs Prerequisite: CDEC 1359	

FIRE AND EMT ACADEMY
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Firefighter I 1 cr Semester 1 8555 PEIMS # 13029900 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD English III	FIRS 1301 Firefighter Certification I 3 hrs FIRS 1407 Firefighter Certification II 4 hrs	
Firefighter I Semester II 1 cr 8555 PEIMS # 13029900 Prerequisite: Successful completion of Firefighter I, Semester I	FIRS 1313 Firefighter Certification III 3 hrs FIRS 1319 Firefighter Certification IV 3 hrs Prerequisite: FIRS 1301 & FIRS 1407	
Firefighter II Semester I 1.5 cr 8556 PEIMS # 13029900 Prerequisite: Successful completion of Firefighter I, Semester II	FIRS 1323 Firefighter Certification V 3 hrs FIRS 1329 Firefighter Certification VI 3 hrs FIRS 1433 Firefighter Certification VII 4 hrs FIRS 1167 Firefighting Practicum 1 hr Prerequisite: FIRS 1313 & FIRS 1319	
Level I Certification obtained upon successful completion of college courses in this pathway.		
Firefighter II Semester II 1.5 cr 8556 PEIMS # 13029900 Prerequisite: Successful completion of Firefighter II Semester 1	EMSP 1501 Emergency Medical Technician Basic 5 hrs EMSP 1160 Clinical–Emergency Medical Technology/Technician 1 hr	

HEALTH SCIENCE TECHNOLOGY

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Emergency Medical Technician 1 cr 8522 PEIMS# N1303015 Prerequisites: successful completion of ECISD English I, English II, English III ;and Medical Terminology Corequisites: ECISD 4th year English credit and Anatomy and Physiology **(NOT UIL EXEMPT)**	EMSP 1501 Emergency Medical Technician Basic 5 hrs EMSP 1160 Clinical–Emergency Medical Technology/Technician 1 hr	
*Scientific Research and Design I ½ cr Semester I 8583 PEIMS# 13037200 Note: Approved fourth science course Prerequisite: High School Biology This is a second year Biology course. GPA Weight: 4.5 **(UIL EXEMPT)**	BIOL 1408: Biology 4 hrs (for Non-Science majors) Prerequisites: Pass TSIA Reading	
*Scientific Research and Design I ½ cr Semester II 8583 PEIMS#13037200 GPA Weight: 4.5 Prerequisite: High School Biology This is a second year Biology course Note: Approved fourth science course **(UIL EXEMPT)**	BIOL 1409: Biology 4 hrs (for Non-Science majors) Prerequisite: Minimum grade of 70 in BIOL 1408	
*Anatomy & Physiology Sem I ½ cr 8718 PEIMS #1320600 GPA Weight: 4.5 Note: Approved fourth science course ONLINE OR IN-CLASS EVENINGS ONLY AT OC Prerequisite: ECISD Algebra I and Geometry **(UIL EXEMPT)**	BIOL 2401: Anatomy and Physiology 4 hrs ONLINE or Evening ONLY Prerequisite: Pass TSIA Reading and eligible for College Algebra	

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*Anatomy & Physiology Sem II ½ cr 8718 PEIMS #1320600 GPA Weight: 4.5 Note: Approved fourth science course ONLINE OR IN-CLASS EVENINGS ONLY AT OC **(UIL EXEMPT)**	BIOL 2402: Anatomy and Physiology 4 hrs ONLINE or Evening ONLY Prerequisite: minimum Grade of 70 in BIOL 2401	

OSET
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
OSET I Semester I 1 cr 8811 PEIMS N1303680 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD English III	OSHT 1301 Introduction to Safety & Health 3 hrs OSHT 1313 Accident Prevention, Inspection & Investigation 3 hrs	
Energy & Natural Resources Semester II 1 cr 8407 PEIMS 13001100 Prerequisite: Successful completion of OSET I	EPCT 1344 Environmental Sampling & Analysis 3 hrs EPCT 2300 DOT Regulation 3 hrs Prerequisite: OSHT 1301 and OSHT 1313	
OSET II Semester I 1 cr 8812 PEIMS N1303681 Prerequisite: Successful completion of Energy And Natural Resources	OSHT 2309 Safety Program Management 3 hrs OSHT 2320 Safety Training Presentation 3 hrs Prerequisite: EPCT 1344 and EPCT 2300	
Project Based Research Semester II 1 cr 8812 PEIMS 12701500 Prerequisite: Successful completion of OSET II	OSHT 2401 OSHA Regulations – General Industry 4 hrs EPCT 2488 Principles of Industrial Hygiene 4 hrs Prerequisite: OSHT 2309 and OSHT 2320	

TEACHING
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Instructional Practices D 1 cr Semester 1 8005 PEIMS #13014200 Prerequisites: ECISD English I and English II Co-requisite: English III	EDUC 1301 Intro to Teaching 3 hrs EDUC 2301 Special Populations 3 hrs Prerequisite: Pass TSI Reading	
Counseling and Mental Health D 1 cr Semester 2 8666 PEIMS #13024600 Prerequisite: Successful completion of Instructional Practices		PSYC 1301 Intro to Psychology 3 hrs
Practicum in Education & Training I D 1 cr Semester 1 8704 PEIMS #13014505 Prerequisite: Successful completion of Counseling and Mental Health		EDUC 3322 Literature in the Classroom 3 hrs EDUC 4311 ECE Social and Emotional Development 3 hrs
Practicum in Education & Training I...................... 1 cr Semester II 8704 PEIMS # 13014505 Prerequisite: Successful completion of Practicum in Education and Training I, Semester 1		EDUC 4313 Emergent Literacy 3 hrs EDUC 4362 Foundations of Bilingual/ ESL 3 hrs

VOCATIONAL NURSING ACADEMY – LVN
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
LVN I Semester I 1 ½ cr 8535 PEIMS #13020500 Prerequisite: Successful completion of ECISD English I, English II Corequisite: ECISD English III	VNSG 1405 Health Science 4 hrs VNSG 1227 Medication Administration 2 hrs Prerequisite: TEAS	
LVN I Semester II 1 ½ cr 8535 PEIMS #13020500 Prerequisite: Successful completion of LVN I Semester 1	VNSG 1402 Applied Nursing Skills 4 hrs VNSG 1400 Nursing, Health and Illness I 4 hrs Prerequisites: VNSG 1405 & VNSG 1227	
Courses taken by student during summer Prerequisite: Successful completion of LVN I Semester 2	VNSG 1238 Mental Illness 2 hrs VNSG 1160 Intro to Clinicals 1 hr Prerequisites: VNSG 1400, VNSG 1402	
LVN II Semester I 1 ½ cr 8536 PEIMS #13020510 Prerequisite: Successful completion of LVN I Semester 2 and Summer Courses	VNSG 1509 Nursing in Health & Illness II 5 hrs VNSG 2510 Nursing in Health & Illness III 5 hrs Prerequisites: VNSG 1238, VNSG 1160	
LVN II Semester II 1 ½ cr 8536 PEIMS #13020510 Prerequisite: Successful completion of LVN II Semester 1	VNSG 1334 Pediatric Nursing 3 hrs VNSG 1330 Maternal 3 hrs VNSG 1361 Intermediate Clinicals 3 hrs Prerequisites: VNSG 1509, VNSG 2510	
Summer after High School Graduation: Tuition paid by student Prerequisite: Successful completion of LVN II Semester 2	VNSG 1363 Advanced Clinical Nursing 3 hrs VNSG 1219 Leadership and Professional Development 2 hrs Prerequisites: VNSG 1330 & VNSG 1334, VNSG 1361	

WELDING
(NOT UIL EXEMPT)

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Welding Tech Sem I 1 cr 8660 PEIMS #13032300 Prerequisite: successful completion of ECISD English I and English II Corequisite: ECISD 3rd year of English credit	WLDG 1421 Welding Fundamentals 4 hrs	
Welding Tech Sem II 1 cr 8660 PEIMS #13032300 Prerequisite: Welding Tech, Semester I	WLDG 1417 Intro to Layout and Fabrication 4 hrs Prerequisite: WLDG 1421	
Welding II Sem I 1 cr 8661 PEIMS # 13032400 Prerequisite: ECISD Welding Tech, Semester II	WLDG 1430 Intro Gas Metal Arc 4 hrs Prerequisite: WLDG 1421and WLDG 1417	
Welding II Sem II 1 cr 8661 PEIMS # 13032400 Prerequisite: ECISD Welding II, Semester I	WLDG 1434 Intro Gas Tungsten Arc 4 hrs Prerequisite: WLDG 1421, WLDG 1417 and WLDG 1430	