CAREER & TECHNICAL EDUCATION

2025-2026

PROGRAMS OF STUDY GUIDEBOOK

## HALLSVILLE ISD



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#### WELCOME TO

## HALLSVILLE HIGH SCHOOL

The high school experience is an exciting step as you begin to explore the pathways that will take you on your life's journey after graduation. The Career & Technical Education (CTE) Programs of Study guidebook will help you make wise and thoughtful decisions that will put you in the best position for success in the world after high school.

Parents and students are urged to carefully review the information contained in this guide and to work closely with school counselors to develop a quality personal graduation plan. The guidebook showcases the endorsements available and highlights the Career & Technical Education (CTE) programs of study.

High school is about preparing for life after graduation. The experiences you gain through CTE courses will provide opportunities to obtain valuable knowledge about specific programs of study that interest you. Hallsville ISD offers a wide variety of CTE courses that will help you explore various career opportunities and certification programs designed to prepare you for life after high school.

It is important to know that in our global society, and with your qualifications and experiences, you will no longer just be competing with your friends and neighbors here in Hallsville or Harrison County. You need to be prepared to be compared and measured against competitors for jobs locally, across our nation, and from around the world. Our goal is to provide you with a world-class education that positions you for success beyond your senior year.

Explore the guidebook and ask questions of your parents, teachers, and counselors so that you can find the program that will best fit your needs and help you meet your educational goals. Now is the time to dream and explore the possibilities that life holds. We wish you all the best of luck on this exciting time in your life.



#### PLANNING YOUR HIGH SCHOOL PROGRAM

Hallsville Independent School District's Programs of Study Guide is designed to assist students, parents, teachers, and school personnel in making informed decisions while planning individual student's educational goals.

The intention of a program of study is to provide a sequence of courses that prepare students for success in high demand, high wage, high skill careers in Texas. Students gain focused knowledge and skills aligned to career and industry standards through multiple years of scaffolded educational experiences.

"The best way to predict your future is to create it." -

Abraham Lincoln



Planning a four-year high school program is a serious undertaking. The selection of your graduation plan is dependent on your interests and plans for future careers. Some questions to consider when making your plans are the following:

- Will you continue your education at a university, college, or in a trade or technical school?
- Do you want to learn academic or career skills in order to enter the full-time work force immediately after high school?
- Are you interested in mathematics, science, technology, engineering, or any other specialized field of study?
- Are you thinking of entering a profession that requires specialized education, such as teaching, medicine, or law?

Answering these questions is extremely important when making decisions about your course selections for all four years in high school. Take some time to answer the questions before you begin. Your interests and desire to work hard should also guide your answers. It is common for young people to change their minds about what their course of study or career choice will be; others are still considering their options. As you consider your options, immediate decisions regarding your graduation plans may affect your future career choices. For that reason, we recommend that you plan a diverse and challenging academic program. By taking the most diverse and challenging academic program available to you, your options will remain open in the event your career plans should change.

By making sure you have options, Hallsville ISD offers many ways to prepare for your future. A wide range of programs prepare students for post-high school experiences, college, business school, technical school, military service, fine arts participation, and full-time employment. Additional opportunities are made available through the high school experience.

The programs offered allow a student to choose the high school program best for him/her. Outlined on the following pages are the graduation requirements for each of the state's graduation programs. Counselors and teachers will be helpful in advising you more specifically about programs offered through Hallsville ISD.



## HIGH SCHOOL GRADUATION REQUIREMENTS

#### Students Entering High School at Hallsville ISD

During each year in high school at HISD, it is the expectation that all students enroll and complete courses in the four core subject areas. This excludes courses taken for high school credit in middle school. Parents and students are encouraged to carefully consider college entrance requirements and career readiness standards set by institutions of higher education. In addition to completing the required coursework, the state of Texas also requires each graduate to complete the Free Application for Federal Student Aid (FAFSA) or a signed opt-out form to be filed in the counselor's office prior to graduation.

## Foundation (basic course credits) + Endorsement (additional credits required to pursue college and career)

Business & Industry Public Services Arts & Humanities

#### 31 Credits

4 Credits English -ELA I, II, III, one credit in any advanced English course

4 Credits Mathematics Algebra I, Geometry, and two credits in any
advanced math course

4 Credits Science Biology, IPC or Other,
plus two additional advanced science courses

4 Credits Social Studies -World Geography, World History, US History, Gov't (.5), and Economics (.5)

2 Credits Language other than English in the same language

1 Credit Physical Education
1 Credit Technology
0.5 Credit Speech
1 Credit Fine Arts
5.5 Credits in Electives
4 Credit requirements specific to at

least one endorsement

STEM
31 Credits

4 Credits English -ELA I, II, III, one credit in any advanced English course

4 Credits Mathematics Algebra I, Geometry, Algebra II, and one credit in
any advanced math course

4 Credits Science -Biology, Chemistry, Physics, and Advanced Science

4 Credits Social Studies -World Geography, World History, US History, Gov't (.5), and Economics (.5)

2 Credits Language other than English in the same language

1 Gredit Physical Education 1 Gredit Technology 0.5 Gredit Speech 1 Gredit Fine Arts 5.5 Gredits in Electives

4 Credit requirements specific to at least one endorsement

Multi-Disciplinary

#### 31 Credits

4 Credits English ELA I, II, III, one credit in ELA IV or an
advanced English course

4 Credits Mathematics Algebra I, Geometry, and two credits in any
advanced math course

4 Credits Science -Biology, IPC or Other, Chemistry or Physics, one credit in any advanced science course

4 Credits Social Studies -World Geography, World History, US History, Gov't (.5), and Economics (.5)

2 Credits Language other than English in the same language

1 Credit Physical Education 1 Credit Technology 0.5 Credit Speech 1 Credit Fine Arts 5.5 Credits in Electives

4 Credit requirements specific to at least one endorsement



### **ACADEMIC RECOGNITIONS**

#### STUDENTS HAVE THE OPPORTUNITY TO EARN ADDITIONAL RECOGNITIONS IN THE FOLLOWING AREAS:

## Distinguished Level of Achievement

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. Earning the Distinguished Level of Achievement requires more math and more science than the Foundation High School Program.

The Distinguished Level of Achievement (DLA) will:

- Allow a student to compete for Top 10% automatic admissions eligibility at any Texas public university, except University of Texas which has more stringent admission requirements;
- Ensure the student is a more competitive applicant at the most selective colleges and universities

The Distinguished Level of Achievement Requires:

- · A total of 26 graduation credits
- · Algebra II
- Successful completion of at least one endorsement

#### Performance Acknowledgements

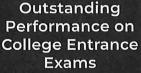
There are four ways a student may earn the acknowledgement for outstanding performance by successfully completing the following:













Professional License or Certifications







## **Dual Credit**

A student may earn a performance acknowledgement on the student's diploma and transcript for outstanding performance in a dual credit course by successfully completing:

- 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0 or...
- · An associate degree while in high school.



## 2 Bilingualism & Biliteracy

A student may earn a performance acknowledgement on the student's transcript for outstanding performance in Bilingualism and Biliteracy as follows:

- A student may earn a performance acknowledgement by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:
  - Completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
- · Satisfying one of the following:
  - · Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA equivalent to 80 on a scale of 100; or
  - Demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA equivalent to 80 on a scale of 100;
  - · Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
  - · Demonstrated proficiency in one or more languages other than English through one of the following methods:
    - A score of 3 or higher on a College Board Advanced Placement examination for a language other than English; or
    - A score of 4 or higher on an International Baccalaureate examination for higher-level languages other than English course; or
    - Performance on a national assessment of language proficiency in a language other than English of at least intermediate high or its equivalent.
- In addition to meeting the requirements of paragraph (1) of this subsection, to earn a performance acknowledgement in Bilingualism and Biliteracy, an English language Learner must also have:
  - · Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and...
  - Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).





## **3** Outstanding Performance on College Entrance Exams

A student may earn a performance acknowledgement on the student's diploma and transcript for outstanding performance on the PSAT, the ACT-Aspire, the SAT, or the ACT, by:

- Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the National Merit Scholarship Corporation or as an awardee of the National Recognition Programs of the College Board;
  - Earning a composite score of 442 on the ACT AspireTM examination;
  - · Earning a composite score of 29 on the ACT PreACT® examination;
  - · Earning a composite score of at least 1350 on the SAT®; or
  - Earning a composite score on the ACT® examination of 29 (excluding the writing subscore).



## 4 Professional License or Certifications

A student may earn a performance acknowledgement on the student's diploma and transcript for earning a nationally or internationally recognized business or industry certification or license with:

- Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification or
- Performance on an examination or series of examinations sufficient to obtain a governmentrequired credential to practice a profession

Nationally or internationally recognized business or industry certification shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular professional or occupation that is issued by or endorsed by:

- · A national or international business, industry, or professional organization
- · A state agency or other government entity or
- · A state-based industry association

Certifications or licensures for performance acknowledgements shall:

- · Be age appropriate for high school students
- Represent a student's substantial course of study and/or end-of-program knowledge and skills
- · Include an industry recognized examination or series of examinations, an industry validated skill test, or demonstrated proficiency through documented, supervised field experience and...
- Represent substantial knowledge and multiple skills needed for successful entry into a highskill occupation.



## ADDITIONAL GRADUATION INFORMATION



#### 01 IMPORTANT ENDORSEMENT INFORMATION

Students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multi-disciplinary studies.

- · All endorsements require the completion of four (4) math and four (4) science credits.
- Endorsements are originally decided in 8th grade and must be declared in writing.
- Students have until their sophomore year to change endorsements.

#### **02 PERSONAL GRADUATION PLAN**

- Each student will have a 4-year Personal Graduation Plan created during the spring of 8th grade with the help of a guidance counselor.
- Parent participation is VITAL! Parents should meet with their child's counselor to discuss the plan and are required to approve the plan in writing before students register for their high school courses.
- Each year after, the PGP will be revised with the student, parent, and counselor, according to the student's interests and needs.

#### **03** EXIT LEVEL TEST REQUIREMENTS

Students who entered 9th grade in 2011-2012 and thereafter will take the State of Texas Assessments of Academic Readiness (STAAR). This assessment will replace the Texas Assessment of Knowledge and Skills (TAKS). Students take the assessments when they complete the course.

For additional information on requirements for STAAR and End of Course, please visit www.tea.state.tx.us/studentassessment/staar.

#### **EXPLORING YOUR CAREER OPTIONS:**

If you are considering going straight into the workforce or into a technical training program following graduation, you still need to complete your high school education and earn a high school diploma. Participation in CTE programs increase wages, probability, and consistency of employment, and leads to higher quality jobs. CTE WORKS!



- **LOOK** at the endorsements offered under the Foundation High School Program
- **DETERMINE** your area of interest
- COMPLETE your selected endorsement along with the required foundation program to earn your high school diploma
- LEARN about available jobs and any required post-high school or technical training
- **EXPLORE** new career opportunities
- RESEARCH wage and occupation information, required levels of education, and training requirements
- DISCOVER your interests and abilities and use labor market resources at www.texasrealitycheck.com





#### **ENDORSEMENT CHOICES**

Career and technical education programs offer a sequence of courses that provide students with coherent and rigorous content. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.



#### **BUSINESS & INDUSTRY**

Includes highly varied occupations in both service and manufacturing industries. These endorsements range from industrial and technical trades, business, marketing & finance, graphic design occupations, to information technology.



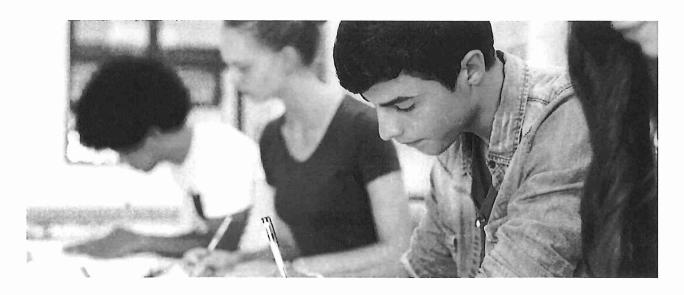
Includes service-oriented occupations for both private and public sector industries, including human service and healthcare fields.

#### **Programs of Study Include:**

- · Accounting & Financial Services
- Agricultural Tech & Mech Systems
- · Animal Science
- · Automotive & Collision Repair
- · Business Management
- Graphic Design & Interactive Media
- · Digital Communications
- · Engineering Foundations
- · Marketing & Sales
- · Plant Science
- · Refining & Chemical Processes
- Culinary Arts
- Programming & Software Development

#### **Programs of Study Include:**

- · Diagnostic & Therapeutic Services
- Exercise Science, Wellness & Restoration
- · Teaching & Training
- Fire Science
- · Law Enforcement





#### CAREER CLUSTER INTEREST INVENTORY

Consider how you like to spend your time and what you think is interesting. Rate each activity according to your interest level with a 0, 1 or 2. Add the numbers in each box. The highest totals reveal the career fields in which you are most interested. Circle 3 boxes with the highest totals to research for specific jobs.

Provide medical care for sick or injured people	Farming with vegetables, fruits or plants
Learn/read about healthcare topics	Spend time at state parks
Deal with bodily fluids	Spend time caring for the environment
Work in a hospital, ER or clinical environment	Ranching/raising animals
Assist with medical procedures/operations	Provide daily care for animals
Perform first aid in an emergency situation	Provide medical care for animals
TOTAL FOR HEALTH SCIENCE CAREERS	TOTAL FOR AGRICULTURAL CAREERS
Work in a creative/competitive environment	Tutor, instruct and help others learn
Budget, track, oversee funds & expenditures	Assist others with technology, academics & skills
Use information technology programs	Present information to a group
In charge of committees & people	Manage a classroom or group
Develop and present information & campaigns	Work in a group or classroom setting
Provide customer service	Plan curriculum & materials for a group
TOTAL FOR BUSINESS/FINANCE MARKETING CAREERS	TOTAL FOR EDUCATION AND TRAINING CAREERS
Enjoys food prep, cooking, baking, serving, tourism or hospitality activities	Learn about scientific events and topics
Oversee recreation or manage a hotel/restaurant	Visit museums, planetariums or tech forums
Cosmetology, barbering or spa services	Study elements of numbers or computers
	Perform experiments, projects or figure equations
Work with public and support their needs	Study space, motion, chemicals, elements, numbers or
Plan educational or rec activities, trips or services	coding
Provide guided tours or lessons, instruction or service	Excel in comparison to peers in science, technology, engineering and math (STEM) areas
TOTAL FOR HOSPITALITY, TOURISM AN RECREATIONAL CAREERS	TOTAL FOR SCIENCE, ENGINEERING AND MATH CAREERS
Coordinate services or assistance for others	Write/read virtual information, articles or reviews
Provide counseling or guidance	Utilize talents to communicate info to others
Listen and care about others' difficulties	Attend public events or perform in them
Provide solutions to others' difficulties	Create media projects, campaigns or productions
Learn about human behavior and life stages	Dancing, acting, singing, painting, sculpting or creating
Work with families and/or children	Gaining inspiration from graphics, art or other media elements
TOTAL FOR HUMAN SERVICES CAREERS	TOTAL FOR ARTS AND COMMUNICATION CAREERS



Repair computers or devices	Safely operate equipment and industrial tools		
Develop or install computer programming	Weld or build items/projects to standard code		
Design apps or webpages	Remodel or build according to blueprints		
Learn about cybersecurity or computer systems	Use computer software to create designs		
Utilize computer animation and graphics	Able to perform construction math		
Design graphic layouts with computer programs	Oversee purchase/use of project materials		
TOTAL FOR INFORMATION TECHNOLOGY CAREERS	TOTAL FOR ARCHITECTURE AND CONSTRUCTION CAREERS		
Awareness of effects and causes of the energyindustry market's status	Set up or repair electrical controls/wiring		
Use physical labor to work on natural energy sites	Fix appliances, electrical monitors or electronics		
Learn about the equipment/process related to energy	Build robots/electronic devices		
Comply with inspection requirements at sites	Make or use blueprints/instructions		
Run or be a part of a crew related to an energy site	Operate machinery		
number 20 a pair of a clow foliation to an energy site	Work with hands-on tools and items		
TOTAL FOR ENERGY AND NATURAL RESOURCES CAREERS	TOTAL FOR MANUFACTURING CAREERS		
Learn about city, state or federal laws/policies Enforce or perform methods that serve the public	<ul><li>Work on vehicles, boats, planes or equipment</li><li>Arrange transportation of products or people</li></ul>		
Protect and/or serve the public over yourself	Drive vehicles, boats, planes or equipment		
Write reports that document public services given	Learn about computers used to repair vehicles		
Learn about historical court cases	Personally deliver products or items		
Use technology equipment related to public service	Drive heavy equipment or lifts		
TOTAL FOR LAW ENFORCEMENT AND PUBLIC SERVICE CAREERS	TOTAL FOR SCIENCE, ENGINEERING AND MATH CAREERS		
REFLECTION QUESTIONS			
List your three highest-ranking career fields below.			
1			
2			
3			
Within those career fields, what specific jobs are you interested in?			

### **NEW STUDENT ADMISSIONS CHECKLIST**

## Follow these simple steps to start your future at Kilgore College.

STEP 1 - A	APPLY FOR ADMISSION
A	opply for admission online at applytexas.org. It is required before you apply for financial aid, orientation, and housing. Application priority dates are: July 1 for fall semester and dual credit, November 1 for spring semester and April 1 for ummer terms.
R	Request that your high school and/or previous college(s) send official transcripts to KC.
s	Send official ACT/SAT scores (if taken).
P	Provide your bacterial meningitis vaccination record.
STEP 2 - A	APPLY FOR FINANCIAL AID
	Apply for financial aid. Complete the Free Application for Federal Student Aid (FAFSA) at studentaid.gov. The Financial Aid priority date is July 1.
STEP 3 - N	MEET PLACEMENT REQUIREMENT
	leet the placement requirement by taking the TSI (Texas Success Initiative) Assessment as necessary unless otherwise xempt from developmental requirements.
	rior to taking the TSI Assessment, students must complete the KC TSI pre-assessment activity. Documentation of the pre- ssessment activity is required before taking the TSI Assessment.
STEP 4 - C	COMPLETE ORIENTATION
	complete New Student Orientation online and register for classes. Orientation is mandatory for all first-time college students and recommended for anyone new to Kilgore College.
STEP 5 - A	APPLY FOR HOUSING (IF NEEDED)
	Apply for on-campus housing (optional). Submit \$150 refundable deposit. Proof of your bacterial meningitis vaccination must le on file 10 days prior to move-in.
	KILGORE COLLEGE CODES LIST
	SAT: 6341 ACT: 4112 AP: 6341 FAFSA: 003580

#### NEED MORE INFORMATION?

Office of Admissions (903) 983-8134

Orientation (903) 983-8134

Financial Aid Office (903) 983-8211

Testing Center: Main Campus (903) 983-8215

Residential Life (903) 983-8191

Testing Center: KC - Longview Campus (903) 236-2050

www.kilgore.edu | 903.983.8209

Kilgore College seeks to provide equal educational and employment opportunities without regard to race, color, religion, national origin, gender, age, disability, marital status or veteran status.

## **AGRICULTURE**



The Agriculture, Food, and Natural Resources (AFNR) career cluster focuses on the essential elements of life, food, water, land, and air. This career cluster includes occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

### **CAREERS**

Agricultural Advertising & Promotions Manager

Average Salary: \$94,515

Farmers, Ranchers, & Other Agricultural Managers

Average Salary: \$59,134

Buyers & Purchasing Agents, Farm Products

Average Salary: \$46,488

Agricultural and Food Science Technicians

Average Salary: **\$34,382** 

**Agricultural Engineers** 

Average Salary: \$64,792





#### **AGRICULTURAL TECHNOLOGY &**

#### MECHANICAL SYSTEMS / ANIMAL SCIENCE / PLANT SCIENCE

LEVEL	AGRICULTURAL TECHNOLOGY & MECHANICAL SYSTEMS	ANIMAL SCIENCE	PLANT SCIENCE
1	Agricultural Mechanics and Metal Technologies	Principles of Ag Small Animal and Equine Science	Principles of Ag
2	Agricultural Structures Design and Fabrication	Livestock Production Small Animal	Greenhouse Operations
3	Agricultural Equipment Design and Fabrication with Ag Laboratory and Field Experience	on Auvanceu Allillai	
4	Practicum in Ag	Practicum in Ag Science Advanced Animal	Advanced Floral Design



# ARTS, A/V TECHNOLOGY & COMMUNICATIONS

The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

### **CAREERS**

**Graphic Designers** 

Average Salary: \$44,824

Multimedia Artists & Animators

Average Salary: **\$67,392** 

Sound Engineering Technicians

Average Salary: \$39,562

Camera Operators, Television, Video, & Motion Picture

Average Salary: \$50,024

Audio & Video Equipment Technicians

Average Salary: \$40,581





# DIGITAL COMMUNICATIONS / GRAPHIC DESIGN & INTERACTIVE MEDIA

LEVEL	DIGITAL COMMUNICATIONS	GRAPHIC DESIGN & INTERACTIVE MEDIA
1	Design and Media Production	Design and Media Production
2	Audio/Video Production I	Commercial Photography or Fashion Design I
3	Audio/Video Production II with Lab	Commercial Photography II or Fashion Design II
4	Practicum in Audio/Video Production	Practicum in Commercial Photography, Career Prep for Program of Study



## BUSINESS

The Business, Marketing, and Finance career cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. This career cluster includes occupations ranging from business owner and entrepreneur to accountant, retail manager, and market analyst.

### **CAREERS**

Administrative Service Managers

Average Salary: \$96,138

**Management Analysts** 

Average Salary: \$87,651

Supervisors of Administrative Support Workers

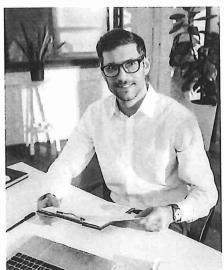
Average Salary: \$57,616

**Loan Officers** 

Average Salary: \$68,598

**Insurance Underwriters** 

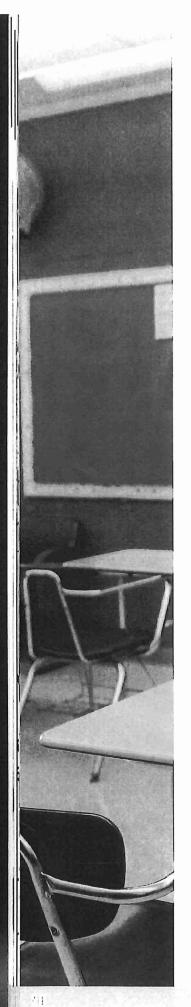
Average Salary: \$66,206





## ACCOUNTING & FINANCIAL SERVICES / MARKETING & SALES

LEVEL	ACCOUNTING & FINANCIAL SERVICES	MARKETING & SALES
1	BIM I, Money Matters	Digital Media
2	Accounting Money Matters	Social Media Marketing and Virtual Business
3	Accounting II	Sports and Entertainment Marketing I and Sports and Entertainment Marketing II
4	Accounting II Financial Analysis	Advanced Marketing or Career Prep for Program of Study



## **EDUCATION**

The Education and Training career cluster focuses on planning, managing, and providing education and training services and related learning support services. This career cluster includes occupations ranging from teaching assistant and classroom teacher to school administrator.

### **CAREERS**

**Education Administrators** 

Average Salary: \$72,950

**Elementary Teacher** 

Average Salary: \$54,140

**Special Education Teachers** 

Average Salary: \$55,670

Career & Technical Education Teacher

Average Salary: \$56,360

**Middle School Teachers** 

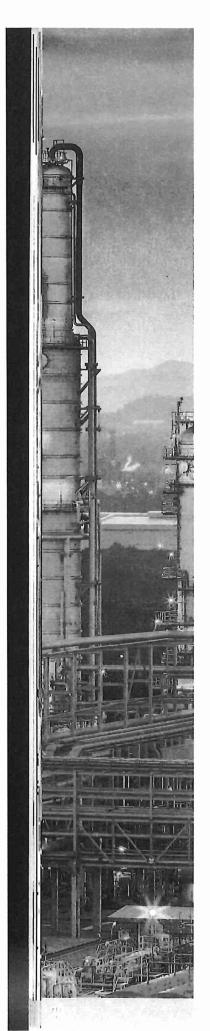
Average Salary: **\$54,510** 





## **TEACHING & TRAINING**

LEVEL	TEACHING & TRAINING	
1	Principles of Education & Training	
2	Communication and Technology in Education	
3	Instructional Practices	
4	Practicum in Education & Training	



## **ENERGY**

The Energy career cluster prepares individuals for careers in the designing, processing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy. This career cluster includes occupations ranging from petroleum engineers, rotary drill operators, chemical technicians and, power plant operators to solar photovoltaic installers and wind turbine service technicians.

### **CAREERS**

**Gas Plant Operators** 

Average Salary: **\$62,650** 

**Power Plant Operators**Average Salary: **\$71,635** 

Petroleum Pump System Operators, Gaugers

Average Salary: \$71,488

**Extraction Workers** 

Average Salary: \$34,570

**Drill Operators** 

Average Salary: **\$52,083** 





## REFINING & CHEMICAL PROCESSES

LEVEL	REFINING & CHEMICAL PROCESSES	
1	BIM	
2	Foundations of Energy	
3	Introduction to Process Technology Petrochemical Safety, Health and Environment	
4	Practicum in Energy	



## ENGINEERING

The Engineering career cluster focuses on planning, designing, testing, building, and maintaining of machines, structures, materials, systems, and processes using empirical evidence and science, technology, and math principles. This career cluster includes occupations ranging from mechanical engineer and drafter to electrical engineer and to mapping technician.

## **CAREERS**

**Aerospace Engineers** 

Average Salary: **\$110,843** 

**Industrial Engineers** 

Average Salary: \$97,074

**Mechanical Engineers** 

Average Salary: \$91,107

**Chemical Engineers** 

Average Salary: \$112,819

**Electrical Engineers** 

Average Salary: \$98,405





## **ENGINEERING FOUNDATIONS**

LEVEL	ENGINEERING FOUNDATIONS	
1	BIM	
2	Intro to CAD and Intermediate CAD	
3	Engineering Design and Problem Solving	
4	Practicum in STEM	



## HEALTH SCIENCE

The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

### **CAREERS**

**Medical Assistants** 

Average Salary: \$29,598

**Exercise Physiologists** 

Average Salary: **\$41,662** 

**Surgical Technologists** 

Average Salary: **\$45,032** 

**Dental Hygienists** 

Average Salary: \$73,507

Speech Language Pathologists

Average Salary: \$73,070

**Respiratory Therapists** 

Average Salary: **\$57,429** 





# DIAGNOSTIC & THERAPEUTIC SERVICES / EXCERCISE SCIENCE, WELLNESS & RESTORATION

LEVEL	DIAGNOSTIC & THERAPEUTIC SERVICES	EXCERCISE SCIENCE, WELLNESS & RESTORATION
1	Principles of Health Science, Introduction to Clinical Issues (DC), Medical Terminology (DC)	Principles of Exercise Science
2	Medical Terminology, Health Science Theory	Kinesiology
3	Health Science Theory, Anatomy and Physiology	Anatomy and Physiology
4	A&P, Pathophysiology, Pharmacology, Practicum in Health Science (EMT)	Project Based Capstone



## HOSPITALITY

The Hospitality and Tourism career cluster focuses on the management, marketing, and operations of restaurants, lodging, attractions, recreation events, and travel-related services. This career cluster includes occupations ranging from reservation and transportation ticket agent to event planner and general manager.

## **CAREERS**

Food & Beverage Managers

Average Salary: \$55,619

**Chef & Head Cooks** 

Average Salary: **\$43,285** 

**Food Science Technicians** 

Average Salary: **\$34,382** 

**Lodging Managers** 

Average Salary: \$48,381

Meeting, Convention, & Event Planners

Average Salary: \$47,446

**Marketing Managers** 

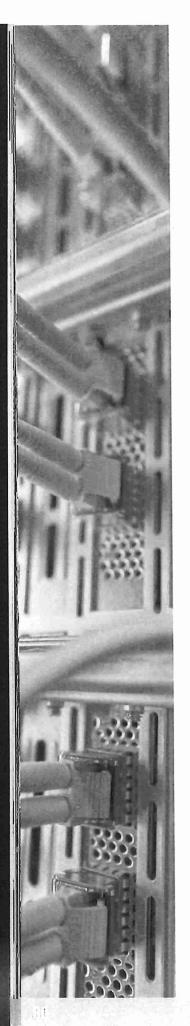
Average Salary: **\$144,269** 





## **CULINARY ARTS**

LEVEL	CULINARY ARTS	
1	Introduction to Culinary Arts	
2	Culinary Arts	
3	Advanced Culinary Arts	
4	Practicum in Culinary Arts	



# INFORMATION TECHNOLOGY

The Information Technology (IT) career cluster focuses on the design, development, support, and management of hardware, software, multimedia, and systems integration services. This career cluster includes occupations ranging from Software Developer and Programmer to Cybersecurity Specialists and Network Analysts.

### **CAREERS**

**Database Administrator** 

Average Salary: \$83,075

Computer Hardware Engineer

Average Salary: \$111,738

Computer Network Architects

Average Salary: **\$111,633** 

Web Administrators, Computer Occupations

Average Salary: **\$85,197** 

**Web Developers** 

Average Salary: \$67,912





# PROGRAMMING & SOFTWARE DEVELOPMENT

LEVEL	PROGRAMMING & SOFTWARE DEVELOPMENT
1	Fundamentals of Computer Science
2	Computer Science I
3	Computer Science II
4	Computer Science III



## LAW & PUBLIC SERVICE

The Law and Public Service career cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. This career cluster includes occupations ranging from police officer and firefighter to political scientist and lawyer.

## **CAREERS**

Police & Sheriff's Patrol Officers

Average Salary: \$60,112

Probation Officers & Correctional Treatment Officers

Average Salary: \$44,054

Correctional Officers & Jailers

Average Salary: \$40,186

**Firefighters** 

Average Salary: \$50,149

Emergency Medical Technicians

Average Salary: **\$34,091** 







## FIRE SCIENCE / LAW ENFORCEMENT

LEVEL	FIRE SCIENCE	LAW ENFORCEMENT
1	Principles of Law, Public Safety, Corrections, and Security	Principles of Law, Public Safety, Corrections, and Security
2	Firefighting I	Law Enforcement I
3	Firefighting II	Correctional Services
4		Practicum in Law, Public Safety, Corrections, and Security



## TRANSPORTATION

The Transportation, Distribution, and Logistics career cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes occupations ranging from automotive mechanic, avionics technician, and automotive entrepreneur to pilots and logistics planning professionals.

### **CAREERS**

Automotive Body & Related Repairers

Average Salary: \$40,144

Automotive Service Technicians & Mechanics

Average Salary: \$38,459

**Bus & Truck Mechanics** 

Average Salary: \$44,574

Mobile Heavy Equipment Mechanics

Average Salary: \$47,299

Logisticians

Average Salary: \$72,210





## **AUTOMOTIVE & COLLISION REPAIR**

LEVEL	AUTOMOTIVE & COLLISION REPAIR
1	
2	Automotive Basics
3	Automotive Technology I
4	Practicum or Extended Practicum in Transportation Systems



HHS Course Number	HHS HHS Course Name	Credit .	College	College Course Number	College Course Name	Hours
C7100A	Intro to Process Tech	1	Kilgore College	PTAC1302 (Fall)	Intro to Process Tech	3
C7103B	Petrochemical Safety, Health Environment	1	Kilgore College	ENTC 1347 (Spring)	Safety and Ergonomics	3
C715DA	Practicum in Energy	2	Kilgore College	PTAC 1310 (Fall)	Process Technology I Equipment	3
C715DB				PTAC 1332 (Spring)	Process Instrumentation I	3
C770DA	Automotive Technology I Maintenance and Light Repair	2	Kilgore College	AUMT 1405 (Fall)	Introduction to Automotive Technology	4
				AUMT 1316 (Spring)	Automotive Suspension and Steering Systems	3
C770DB						
C7O3DA	Practicum in Transportation Systems	2	Kilgore College	AUMT 1407 (Fall)	Automotive Electrical Systems	4
				AUMT 1410 (Spring)	Automotive Brake Systems	4
C7O3DB				0104 4000	1	
C741DA	Practicum in Law, Safety, Corrections and Security	2	Kilgore College	CJSA 1322 (Fall)	Intro to Criminal Justice	3
				CJLE 1249 (Fall)	Intermediate Arrest, Search and Seizure	2
				CJLE 1345 (Spring)	Intermediate Crime Scene Investigation	3
				CJLE 1425 (Spring)	Criminal Justice Survey	4
C7412D	Firefighter I	2	Kilgore College	FIRS 1301 (Fall)		3
				FIRS 1407 (Fall)		4
				FIRS 1313 (Fall)		3
			(Mini-May)	FIRS 1433	(Not transcripted)	4
C7413D	Firefighter II	3	Kilgore College	FIRS 1319 (Spring)		3
				FIRS 1323 (Spring)		3
				FIRS 1329 (Spring)		3
C7411D	Emergency Medical Technician	2	Kilgore College	EMSP 1501 (Fall)		5
	EMT Clinical					
	LINT OHINGAL			EMSP 1060 (Fall)		1

HHS Course Number	HHS HHS Course Name	Credit	College	College Course Number	College Course Name	Hours
C7133D	Engineering Design and Presentation I  Engineering Design and Presentation	1	Kilgore College	DFTG 1409 (Fall)		4
C7133D	11	2		Parametric Modeling and Design DFTG 1345 (Spring) Or Intermediate CAD DFTG 2419		3
	Practicum in STEM	2	Kilgore College			
	Practicum in STEM 2nd Time Taken	2	Kilgore College			
C7900D	Cosmetology I with Lab	3	Kilgore College	CSME 1401 (Fall)	Orientation to Cosmo	4
				CSME 1310 (Fall)	Intro to Hair Cutting	3
				CSME 1443 (Spring)	Manicuring and Related Theory	4
				CSME 1453 (Spring)	Chemical Reformation and Realty Theory	4
C7901D	Cosmetology II with Lab	3	Kilgore College	CSME 2401 (Fall)	Principles of Hair Coloring	4
				CSME 1354 (Fall)	Artistry of Hair Design	3
				CSME 1355 (Spring)	Artistry of Hair Design II	3
				GSME 1348 Spring	Principles of Skin Care	3
C7305D	Instructional Practices	2	Kilgore College	CDEC 1392 (Spring)	Special Topics in Child Development	3
C730DA	Practicum in Education	2	Kilgore College	EDUC 1300 (Fall)	Learning Framework	3
Ŧl.				EDUC 2301 (Spring)	Intro to Education	3
	Practicum in Health Science	2	Kilgore College	NUPC 1420 (Fall)	Patient Care Technician	4
				NUPC 1160 (Spring)	Clinical Nursing Assistant	1
C7602D	Principles of Health Science	1	LeTourneau	HLSC 2921 (Fall)	Introduction to Clinical Issues	1
C7601D	Medical Terminology	1	LeTourneau	HLSC 2033 (Spring)	Medical Terminology	3



Cluster	Certifications
AGRICULTURE, FOOD AND NATURAL RESOURCES	<ul> <li>Texas State Floral Design Knowledge Based Skills Texas State Floral         <ul> <li>Design Level 1</li> <li>Certified Veterinary Assistant</li> <li>AWS D 9.1 Sheet Metal Welding</li> <li>AWS D 1.1 Structural Steel</li> </ul> </li> </ul>
ARTS, AUDIO VISUAL TECHNOLOGY AND COMMUNICATIONS	<ul> <li>Adobe Certified Professional in Digital Video Using Adobe Premiere</li></ul>
BUSINESS, MARKETING AND FINANCE	<ul> <li>Microsoft Office Specialist Word 2019</li> <li>Microsoft Office Word Expert 2019</li> <li>Microsoft Office Excel Expert 2019</li> <li>NOCTI Accounting Foundations</li> <li>NOCTI Accounting Advanced</li> </ul>
ENERGY	• OSHA — 30 Hour General Industry
ENGINEERING	Autodesk Certified Professional (or User) - Inventor Autodesk     CertifiedProfessional (or User) - AutoCAD
HEALTH SCIENCE TECHNOLOGY	<ul> <li>Texas State Board of Pharmacy — Certified Pharmacy Tech</li> <li>Phlebotomy Technician / Patient Care Technician</li> <li>Certified Personal Trainer</li> </ul>
HOSPITALITY AND TOURISM	ServSafe - Food Protection Manager
HUMAN SERVICES	Texas Department of Licensing and Regulation Cosmetology Operating License
LAW AND PUBLIC SERVICE	<ul> <li>Non-commissioned Security Officer — Level 2</li> <li>EMT Basic License/Certification</li> <li>Basic Fire Protection</li> </ul>
TEACHING AND TRAINING	• Educational Aide
LAW AND PUBLIC SERVICE	<ul> <li>Non-commissioned Security Officer — Level 2</li> </ul>
TRANSPORTATION	<ul> <li>Automotive Service Technology (ASE)</li> <li>Entry Level Brakes, Electrical Light Repair, Steering, and Suspension</li> </ul>



# HALLSVILLE HIGH SCHOOL 9TH GRADE COURSE SELECTION SHEET

MY GRADUATION PLAN TYPE IS:   Foundation = 22 Credits   (Number in order of goals)	Student Name:	Dat	e:	Student ID:	Grade:	Cohort Year:
REQUIREMENT:  Logith  Mothematics  Social Studies  Social Studies  Firedge Language  Fine Arts  PE  CITE Course  Bleetive  Total Credit   9 III GRADE  10 III GRADE  11 III GRADE  12 III GRADE  12 III GRADE  12 III GRADE  11 III GRADE  11 III GRADE  12 III GRADE  11 III GRADE  11 III GRADE  11 III GRADE  12 III GRADE  13 III GRADE  14 III GRADE  15 III GRADE  16 III GRADE  17 III GRADE  18 III GRADE  19 III GRADE  10 II GRADE	Foundation = 22 Credits With Endorsement = at least 26 Credits Distinguished * Endorsement: STEM Business and Industry Arts and Humanities Public Service	Two	PLANS WILL TAK (Number in order o Year College or Year College chnical Training ployment itary	E ME TO:		English I English II Algebra I US History
The benefits of a graduation plan that includes earning one or more endorsements and the distinguished level of achievement, postsecondary education opportunitie automatic admittance and eligibility for financial aid have been explained to me. (Chapter 74. Curriculum Requirements, Subchapter B. Graduation Requirements.)	REQUIREMENT:  English  Mathematics  Science  Social Studies  Foreign Language  Fine Arts  PE  CTE Course  Elective	OUNDATION:			Co 1	llege or University
	The benefits of a graduation plan that inclu	des earning one or ancial aid have bee	more endorsements n explained to me. ((	and the distinguished level Chapter 74. Curriculum Requ	of achievem	ent, postsecondary education opportunities ubchapter B. Graduation Requirements.)

## NOTES

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# HALLSVILLE INDEPENDENT SCHOOL DISTRICT

### **CTE Non-Discrimination Statement**

Hallsville ISD offers career and technical education programs of study. Admission to these programs is based on admission standards.

It is the policy of Hallsville ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Hallsville ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Hallsville ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX / 504 Coordinator, Amy Whittle, at (903)668-5990 Ext. 5019 or awhittle@hisd.com

## Notification Publica De No Discriminacion En Programas De Educación Técnica Y Vocacional

Hallsville ISD ofrece programas de estudio de educación profesional y técnica. La admisión a estos programas se basa en los estándares de admisión.

La poliza de Hallsville ISD es no discriminar por motivos de raza, color, origen nacional, sexo o discapacidad en sus programas, servicios o actividades vocacionales y brinda igualdad de acceso a los Boy Scouts y otros grupos juveniles designados según lo exige el Título VI. de la Ley de Derechos Civiles de 1964, según enmendada; Título IX de las Enmiendas Educativas de 1972; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmendada.

La poliza de Hallsville ISD no discriminar por motivos de raza, color, origen nacional, sexo, discapacidad o edad en sus prácticas de empleo según lo exige el Título VI de la Ley de Derechos Civiles de 1964, enmendada; Título IX de las Enmiendas Educativas de 1972; la Ley de Discriminación por Edad de 1975, enmendada; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmendada.

Hallsville ISD tomará medidas para garantizar que la falta de conocimientos del idioma inglés no sea una barrera para la admisión y participación en todos los programas educativos y vocacionales.

Para obtener información sobre sus derechos o procedimientos de queja, comuníquese con el Coordinador del Título IX / 504, Amy Whittle, al (903)668-5990 Ext. 5019 o awhittle@hisd.com

## HALLSVILLE

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