

FHS PROGRAMS OF STUDY (2021-2022)

Table of Contents

CAREER AREA OF INTEREST	PAGE NUMBER
• Agriculture, Food & Natural Resources	Page 2
• Architecture & Construction	Page 3
• Arts, AV/Technology & Communications	Page 4
• Business, Marketing & Finance	Page 5
• Education	Page 6
• Health Sciences	Page 7
• Hospitality & Tourism	Page 8
• Human Services	Page 9
• Information Technology	Page 10
• Law, Public Safety, & Security	Page 11
• Manufacturing	Page 12
• Science, Technology, Engineering, & Mathematics	Page 13
• Transportation Distribution & Logistics	Page 14
<hr/>	
• Fine Arts (Music, Band, Choir, Art)	Page 15
• Fine Arts (Dance, Theater, Humanities)	Page 16
<hr/>	
• Advanced Academics	Page 17

Agriculture, Food and Natural Resources

BUSINESS & INDUSTRY

Applied Agricultural Engineering (Ag Welding Pathway)

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Ag	Mech and Metal	Ag Structures	Ag Equipment
<i>Other Recommended Courses:</i> Principles of Manufacturing, Construction Technology, Professional Standards in Ag (Speech Credit)			

Animal Science

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Ag	Small Animal & Equine Science and/or Livestock Production	Advanced Animal (or) Veterinary Medical Applications	Advanced Animal (or) Veterinary Medical Applications
<i>Other Recommended Courses:</i> Anatomy and Physiology (Science Credit), Professional Standards in Ag (Speech Credit)			

Plant Science

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Ag	Landscape Design Turf Grass Management	Floral Design	Advanced Plant (Science) Advanced Floral Design
<i>Other Recommended Courses:</i> Professional Standards in Ag (Speech Credit), Wildlife Management			

Agribusiness

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Ag	Professional Standards in Ag	Any additional AG course	Any additional AG course
<i>Other Recommended Courses:</i> Principles of Business, Marketing and Finance, Career Prep, Entrepreneurship/Incubator			

ARCHITECTURE AND CONSTRUCTION

BUSINESS & INDUSTRY

CARPENTRY (CONSTRUCTION TECHNOLOGY)

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Manufacturing	Construction Tech 1	Construction Tech 2 (2.0 Credits)	Practicum in Construction (2.0 Credits)

Other recommended courses:

Algebra, Ag Mechanics and Metal, Automotive Basics, Principles of Business, Marketing, and Finance, Money Matters, Entrepreneurship

ARTS, AV/TECHNOLOGY, AND COMMUNICATIONS

BUSINESS & INDUSTRY

Digital Communications

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Audio Video 1	<i>Audio Video 2</i> Professional Communication (SPEECH CREDIT)+ other semester course	Audio/Video Practicum Year 1 (2.0 credits) + Digital Media	Audio/Video Practicum Year 2 (2.0 credits)
Other recommended courses: Yearbook/Journalism, Theater, Commercial Photography, Sports Marketing			

Design and Multimedia Arts

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED COURSE)	Digital Media (and/or) Video Game Design	Commercial Photography Animation Business Information Management 2 Professional Communication (SPEECH CREDIT)	
Other recommended courses: Computer Programming, Computer Maintenance, Art			

Other related CTE courses:

- Business, Marketing, and Finance
- Social Media Marketing
- Advertising

BUSINESS, MARKETING, AND FINANCE

BUSINESS & INDUSTRY

Business Management (or) Entrepreneurship

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Business, Marketing and Finance OR BIM 1 (REQUIRED)	Principles of Business, Marketing and Finance OR BIM 1 (REQUIRED)	Course Options Money Matters (.5 credit) Global Business (.5 credit) Human Resources (.5 credit) BIM 2 (Earn MOS Certification) Entrepreneurship/Incubator	Career Prep 1 Practicum in Business <i>(Incubator course if not taken in 11th grade)</i>

Marketing and Sales

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Business, Marketing and Finance	Sports/Entertainment Marketing Professional Communication (SPEECH CREDIT) BIM 1 (REQUIRED)	Advertising (.5 credit) Social Media Mktg (.5 credit) Entrepreneurship/Incubator	Advanced Marketing <i>(Incubator course if not taken in 11th grade)</i>

Accounting and Financial Services

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED)	Money Matters AND Professional Communication (SPEECH) Principles of Business, Marketing and Finance	Accounting 1	Accounting 2 (MATH CREDIT)

Other Business/Marketing Related Classes: Career Prep 1 or 2 (Must have and keep a job for 10 hours per week)

EDUCATION & TRAINING

PUBLIC SERVICE

Early Learning

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED)	Principles of Education and Training (AND/OR) Child Development	Principles of Education and Training (AND/OR) Child Development Ready-Set-Teach (2.0)	<i>Options</i> Family and Community Studies (MENTOR 1) Ready-Set-Teach (2.0)
Other recommended courses: Psychology, Sociology, Interpersonal Studies, Lifetime Nutrition and Wellness, Mentor 2			

Teaching and Training

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED)	Principles of Education and Training (AND/OR) Child Development	<i>Options</i> Ready-Set-Teach (2.0) Family and Community Services (MENTOR 1) Principles of Education and Training Child Development	<i>Options</i> Ready-Set-Teach (2.0) Family and Community Services (MENTOR 1) Counseling and Mental Health (MENTOR 2) Practicum in Education (<i>Ready-Set-Teach- Year 2</i>)
Other recommended courses: Psychology, Sociology, Interpersonal Studies, Lifetime Nutrition and Wellness			

HEALTH SCIENCES

PUBLIC SERVICE

Healthcare Diagnostics, Healthcare Therapeutic, or Nursing Science

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Health Science AND Medical Terminology (Pre-Requisite for all future health science courses)	Health Science Theory (Pre-Requisite: Biology) *Health Science Theory is a mandatory pre-requisite course For all Practicum Courses!	Pharmacology 11-12 th grade only (Pre-Requisite: Chemistry)	<i>PICK ONE (2.0 Credits)</i> Practicum in Health Science Certified Nursing Assistant Practicum in Health Science Pharmacy Technician Practicum in Health Science Certified Medical Assistant
Biology	Chemistry	Anatomy Medical Microbiology Pathophysiology	Anatomy Medical Microbiology Pathophysiology

Other related/recommended courses:

- Athletic Trainer (by application only)
- Veterinary Medical Applications
- Psychology
- Latin
- Health
- AP Statistics

SCIENCE COURSE Pre-Requisites:	
Biology: NONE	Pathophysiology: Biology, Chemistry + Health Science
Chemistry: Biology	Anatomy: Biology <i>and</i> a second science
Medical Microbiology: Biology, Chemistry + Health Science	

HOSPITALITY AND TOURISM

BUSINESS & INDUSTRY

Culinary Arts			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Lifetime Nutrition and Wellness (.5 credits) <i>(Pre-requisite for Culinary Arts)</i>	Culinary Arts	Advanced Culinary Arts (2.0 credits)	Practicum in Culinary Arts (2.0 credits)
Other recommended courses: Health, Interpersonal Studies, Principles of Business, Marketing and Finance, Global Business			

HUMAN SERVICES

PUBLIC SERVICE

Family and Community Studies

9 th Grade	10 th Grade	11 th Grade	12 th Grade
<p><i>Options</i></p> <p>BIM 1 (REQUIRED) OR Interpersonal Studies AND Lifetime Nutrition and Wellness</p>	<p><i>Options</i></p> <p>Interpersonal Studies AND Professional Communication</p> <p>Principles of Education and Training</p> <p>Child Development</p>	<p><i>Options</i></p> <p>Mentor 1- (Family and Community Services)</p> <p>Principles of Education and Training</p> <p>Child Development</p>	<p><i>Options</i></p> <p>Mentor 2- (Counseling and Mental Health)</p> <p>Other courses not previously taken</p>

Other recommended courses: Psychology, Sociology, Ready-Set-Teach, Principles of Health Science

INFORMATION TECHNOLOGY

BUSINESS & INDUSTRY

Networking Systems

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED)	Computer Maintenance	Computer Networking Computer Science 1	Computer Science AP Computer Science 2
Other recommended courses: Digital Media, Principles of Engineering, E-Sports			

LAW, PUBLIC SAFETY, AND SECURITY

PUBLIC SERVICE

Law Enforcement

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED) OR Debate 1 (SPEECH CREDIT)	Law Enforcement 1	Law Enforcement 2 OR Forensic Science (SCIENCE)	Law Enforcement 2 OR Forensic Science (SCIENCE) + Forensic Psychology
Other recommended courses: Courts Systems and Practices, Psychology, Sociology			

Legal Studies

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED) OR Debate 1 (SPEECH CREDIT)	Law Enforcement 1 AND BIM 1 OR Debate 1	Law Enforcement 2 OR Forensic Science (SCIENCE) Debate 2 suggested	Court Systems and Practices Debate 3 suggested
Other recommended courses: Debate 2, 3, 4, Psychology, Interpersonal Studies, Additional Social Studies Classes			

MANUFACTURING

BUSINESS AND INDUSTRY

Advanced Manufacturing and Machinery Mechanics

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED) OR Principles of Manufacturing	BIM 1 (REQUIRED) OR Principles of Manufacturing	Robotics 1	Engineering Design and Problem Solving OR Robotics 2

Other recommended courses: Construction 1, Ag Mechanics and Metal

STEM

SCIENCE. TECHNOLOGY. ENGINEERING. MATHEMATICS

STEM ENDORSEMENT

Engineering

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Engineering	Robotics 1	Engineering Design & Problem Solving (SCIENCE CREDIT)	Robotics 2 (MATH CREDIT)
Other Recommended Courses: Computer Programming, Video Game Design, Physics, Problem-Based Solutions in Engineering			

BUSINESS & INDUSTRY ENDORSEMENT

Programming and Software Development

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1 (REQUIRED)	Computer Programming 1	Computer Science AP	Computer Programming 2
Other recommended courses: Computer Maintenance, Computer Networking, Digital Media, Principles of Engineering			

STEM ENDORSEMENT

Science or Math CORE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Biology Geometry (Algebra 1 8 th grade)	Chemistry Algebra 2- REQUIRED	Choose	Choose
Advanced SCIENCE Courses Include: Biology 2 AP, Chemistry 2 AP, Advanced Plant, Physics 1/AP, Physics C- AP, Physics Dual Credit, Chemistry 2- Dual Credit, Anatomy and Physiology, Earth and Space, Forensic Science, Astronomy. *Need 5 Science Credits			
Advanced MATH Courses Include: Pre-Calculus (on level & Pre-AP), Calculus (on level & AP), Statistics (on level and AP), Pre-College Algebra, College Algebra DC and Accelerated Math DC. * Need 5 Math Credits			

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

BUSINESS & INDUSTRY

Automotive			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Manufacturing	Automotive Basics AND BIM 1 (REQUIRED)	Automotive 1	Automotive 2
OR			
BIM 1 (REQUIRED)	Automotive Basics	Automotive 1	Automotive 2
Other Recommended Courses: Construction Technology, Ag Mechanics and Metal, Money Matters, Entrepreneurship/Incubator			

FINE ARTS: *MUSIC, BAND, CHOIR, ART*

ARTS & HUMANITIES

Music- Band			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Band - Instrumental Ensemble- Jazz Band - Color Guard			
Students may also take Music Theory (Dual Credit)			

Music- Choir/Music Education			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Freshman Chorale	Applied Music JV or Varsity Chorale	Applied Music Music Theory 1 JV or Varsity Chorale	Music Appreciation Music Theory AP JV or Varsity Chorale
Students may also audition for Tiger Show Choir			

ART			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Art 1 Intro	Commercial Photo	Art 2 Photography 2	Art 3 Photography 3
Art 1 Intro	Art 2: Painting	Art 3: Drawing 2 Art 3: Painting 2	Art 4: Drawing 3
Art 1 Intro	Art 2: Drawing 1	Art 3: Drawing 2	Art 4: Drawing 3
Art 1 Intro	Art 2: Ceramics 1	Art 3: Ceramics 2	Art 4: Ceramics 3
Students may also take Music Theory (Dual Credit) or Studio Art (AP) as part of any sequence.			

FINE ARTS: *DANCE, THEATER, HUMANITIES*

ARTS & HUMANITIES

Dance			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Jazz Dance 1	Jazz Dance 1 or 2 Tap 1	Jazz Dance 2 or 3 Tap 2	Jazz Dance 3 or 4 Tap 3
Students may also tryout for the JV and Varsity Dance Team. Students may choose between Jazz Dance or Tap (courses may also be taken concurrently if scheduling allows).			

Theater			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Intro to Theater Arts	Theater Arts 2	Theater Arts 3	Theater Arts 4 Art of Theater (dual credit)
Introduction to Technical Theater	Technical Theater 2	Technical Theater 3	Technical Theater 4 Art of Theater (dual credit)
Students may audition for Advanced Theater Production or Advanced Technical Theater beginning in the 9 th grade. Students may audition for Advanced MUSICAL theater beginning in the 10 th grade.			

Humanities or Literature			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Spanish or Latin	Language-Year 2	Language- Year 3	Language- Year 4
English 1	English 2	English 3	English 4
Students are encouraged to take additional Social Studies courses and/or Advanced English courses for this sequence. Students may also participate in the Speech and Debate Program.			

ADVANCED ACADEMICS

Dual Credit- Track

9 th Grade	10 th Grade	11 th Grade	12 th Grade
BIM 1	Psychology DC (.5) Sociology DC (.5) Spanish 3 DC (1)	English 3 DC College Algebra DC US History DC Foreign Language DC Chemistry 2 OR Physics DC Speech DC (.5)	English 4 DC Economics DC (.5) Federal Government DC (.5) Foreign Language DC Chemistry 2 OR Physics DC

Other Dual Credit Courses Include: Art 3, Music Theory, Latin 3 & 4, Spanish 3 & 4, Texas Government Elective (Online)

Advanced Placement (AP)-Track

9 th Grade	10 th Grade	11 th Grade	12 th Grade
AP Human Geography	AP World History AP European History	AP U.S. History	AP Government AP European History

Other AP Courses Include: Biology, Calculus AB, Chemistry 2, Computer Science, English Language, English Literature, Physics 1, 2 & C, Spanish Language, Statistics, Studio Art

FHS COURSE GUIDE

SCAN the QR Code to access the full Frenship High School COURSE GUIDE, including:

- Graduation requirements
- Course descriptions
- Pre-requisite requirements



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