

Clint ISD
Advanced Academic
Courses
2019-2020



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Dual Credit Courses 2019 - 2020

The following is a list of Dual Credit courses available at various schools in the Clint Independent School District. Clint ISD partners with El Paso Community College and UT Austin to provide these courses. Students who successfully complete these courses are awarded both high school and college credit per course.

Horizon High School

- English 1301
- English 1302
- US History 1301
- US History 1302
- Education 1300- College Transition
- Government 2305
- Government 2306
- Fundamentals of Fire Protection 1301/1319
- Spanish I Non-Native 2311
- Spanish I Native 2313
- Pre-Calculus (UT Austin)
- Arts and Entertainment Technology (UT Austin)

Mountain View High School

- English 1301
- English 1302
- US History 1301
- US History 1302
- Education 1300- College Transition
- Government 2305
- Economics 2301
- Spanish I Non-Native 2313
- Pre-Calculus (UT Austin)
- Chemistry (UT Austin)

Clint High School

- English 1301
- English 1302
- Government 2305
- Economics 2301
- Psychology 2301
- Education 1300- College Transition
- Music Appreciation 1306
- Auto Tech (UT Austin)
- Computer Science (UT Austin)
- College Algebra (UT Austin)
- US History (UT Austin)
- Pre-Calculus (UT Austin)
- Physics (UT Austin)



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College Preparation Courses 2019 - 2020

The College Preparatory Integrated Reading and Writing Course and College Preparatory Integrated Mathematics Course are not mandatory; they are recommended as an option for a student to be considered college ready. These courses can substitute for English IV and/or a fourth math course under the Foundation Graduation Plan. The college prep courses are both full year courses and earn 1.0 credit each.

Horizon High School

Mountain View High School

Clint High School

- College Preparatory Integrated Reading and Writing Course
- College Preparatory Integrated Mathematics Course



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**Middle School Pre- Advanced
Placement Courses
2019 - 2020**

The following is a list of Pre-Advanced Placement (P-AP) courses available at various schools in the Clint Independent School District.

Horizon MS

- P-AP Math in grades 6th, 7th, and 8th
- P-AP English Language Arts in grades 6th, 7th, and 8th
- P-AP Science in grades 6th, 7th, and 8th
- P-AP Social Studies in grades 6th, 7th, and 8th

Ricardo Estrada MS

- P-AP Math in grades 6th, 7th, and 8th
- P-AP English Language Arts in grades 6th, 7th, and 8th
- P-AP Science in grades 6th, 7th, and 8th
- P-AP Social Studies in grades 6th, 7th, and 8th

East Montana MS

- P-AP Math in grades 6th, 7th, and 8th
- P-AP English Language Arts in grades 6th, 7th, and 8th
- P-AP Science in grades 6th, 7th, and 8th
- P-AP Social Studies in grades 6th, 7th, and 8th

Clint Jr. HS

- P-AP Math in grades 6th, 7th, and 8th
- P-AP English Language Arts in grades 6th, 7th, and 8th
- P-AP Science in grades 6th, 7th, and 8th
- P-AP Social Studies in grades 6th, 7th, and 8th



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Pre-Advanced Placement Courses 2019 - 2020

The following is a list of Pre-Advanced Placement (P-AP) courses available at various schools in the Clint Independent School District.

Horizon High School

- P-AP Algebra I
- P-AP Pre-Calculus
- P-AP Algebra II
- P-AP Geometry
- P-AP Chemistry
- P-AP Biology
- P-AP English I
- P-AP English II
- P-AP World Geography
- P-AP World History

Mountain View High School

- P-AP Algebra I
- P-AP Algebra II
- P-AP Geometry
- P-AP Biology
- P-AP English I
- P-AP English II
- P-AP World History
- P-AP World Geography

Clint High School

- P-AP Algebra I
- P-AP Geometry
- P-AP Physics
- P-AP Biology
- P-AP English I
- P-AP English II
- P-AP World Geography
- P-AP World History
- P-AP Spanish 3



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Advanced Placement Courses 2019 - 2020

The following is a list of Advanced Placement (AP) courses approved by the College Board and available at various schools in the Clint Independent School District.

Horizon High School

- AP Calculus AB
- AP Statistics
- AP Physics
- AP Biology
- AP Chemistry
- AP Spanish Language
- AP Spanish Literature
- AP English Language
- AP English Literature
- AP Psychology
- AP World History
- AP Human Geography
- AP Macro Economics
- AP US Government
- AP US History

Mountain View High School

- AP Calculus AB
- AP Chemistry
- AP Physics
- AP English Literature
- AP English Language
- AP Spanish Literature
- AP Spanish Language
- AP US History

Clint High School

- AP Calculus AB
- AP Spanish Language
- AP Statistics
- AP Physics
- AP Biology
- AP English Language



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Clint ISD

Career and Technical

Education

Pathways to Success

Career and Technical Education (CTE) provides students with academics and technical, knowledge and training necessary to succeed in future careers. CTE prepares students for the world of work by introducing them to workplace competencies and hands-on experience for future success in a profession based on their program of study. Students enrolled in CTE programs of study may earn dual enrollment credits and/or an industry based certification.



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Clint ISD Horizon High School



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Art
Endorsement: Arts and Humanities

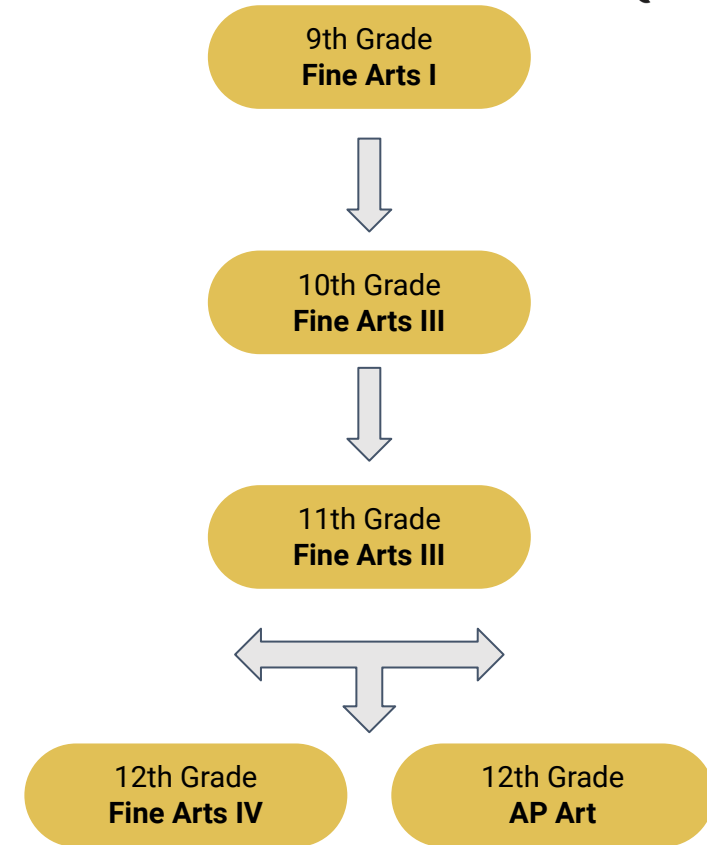


Pathway Description:

The visual arts pathway includes occupations involved in artistic creation through painting, sculpting, illustrating, fashion, and the use of an assortment of materials, including oils, watercolors, acrylics, pastels, pencils, pen and ink, plaster, clay, textiles, plants, and computers.

Possible Career Choices:

- Animator
- Art Teacher
- Arts Administrator
- Graphic Designer
- Illustrator
- Photographer
- Printmaker
- University Art Professor



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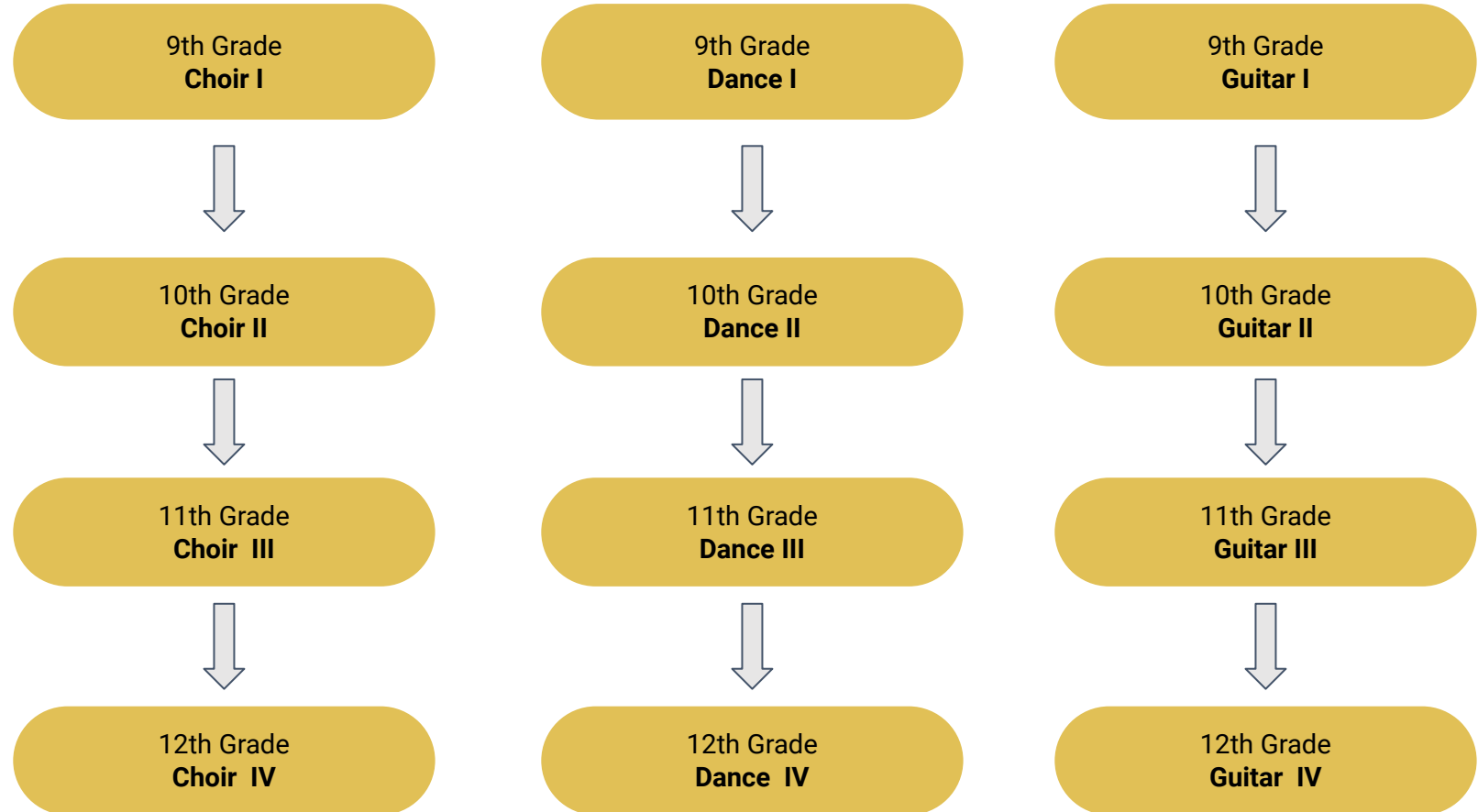
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Choir/Dance/Guitar
Endorsement: Arts and Humanities



Possible Career Choices:

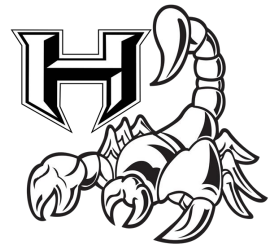
- Artist Management and Representation
- Backing Guitarist
- Choreographer
- Dancer in major arts organizations
- Dancer for music videos/commercials
- Dance/Guitar/Choir Teacher
- Choir Head Director
- Music Coordinator
- Production Manager
- Professional Songwriter
- Sound Engineer
- Studio/Session Guitarist



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Foreign Language Endorsement: Arts and Humanities

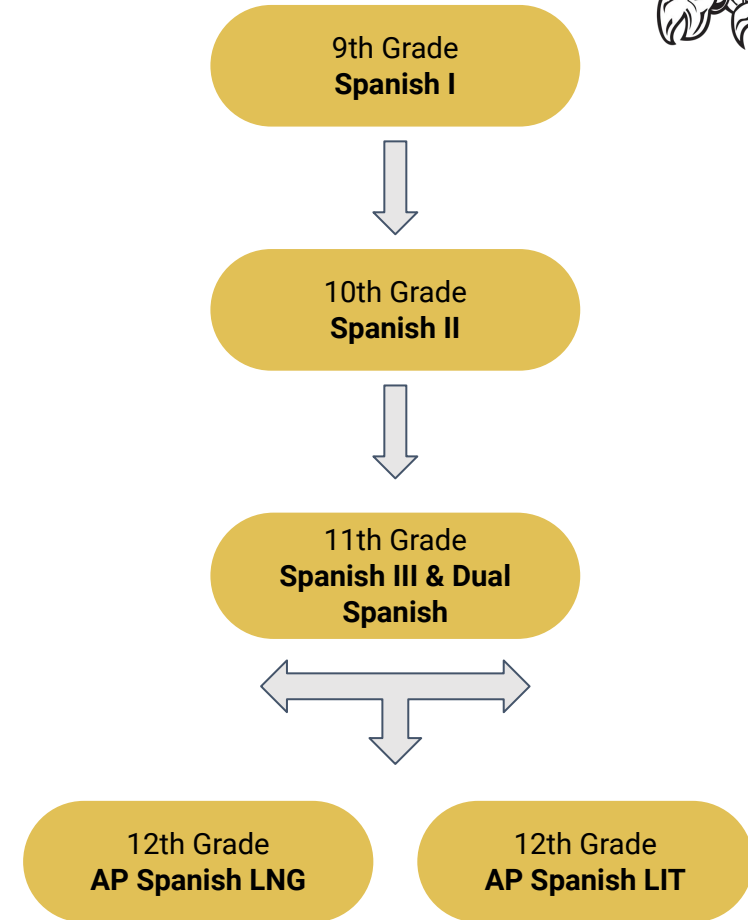


Pathway Description:

Languages Other Than English: One language option: Complete four consecutive levels of the same language in a language other than English. Two languages option: Complete two levels of two different languages other than English to include Computer Science. If a student is transferring from a different district, other languages will be considered.

Possible Career Choices:

- Blogger
- Children's Book Writer
- Interpreter
- Liaison Officer
- Online Tutor
- Podcaster
- Private Tutor
- Product Localization Manager
- Researcher
- Speaker
- Teacher
- Tour Guide
- Translator



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Audio Video
Endorsement: Business and Industry

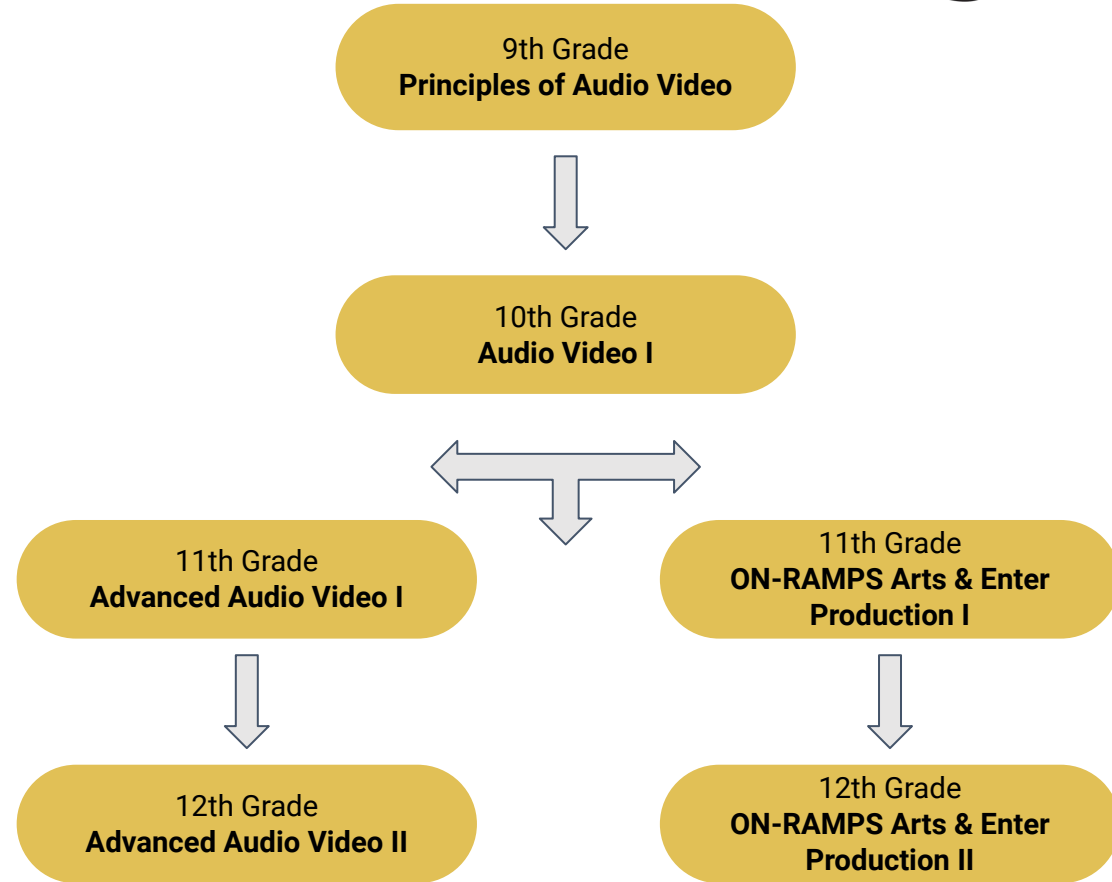


Pathway Description:

The A/V Technology career cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in this cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Possible Career Choices:

- Audio Visual Technician
- Audio/Video Producer
- Digital Audio Editor
- Instrument Tech
- Radio Broadcast Engineer
- Recording Studio Manager
- Sound Designer
- Sound Mixer



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Business Management
Endorsement: Business and Industry

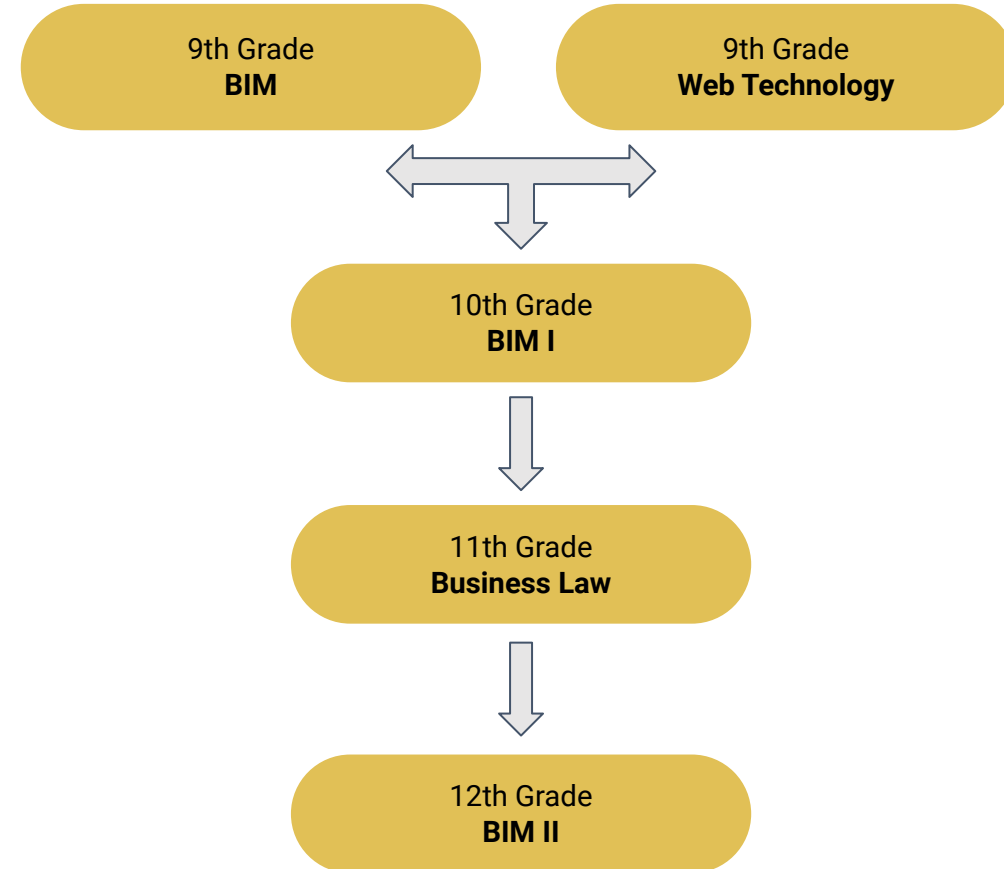


Pathway Description:

Courses in this pathway are related to the business environment. Students learn business skills essential to efficient, productive operations for any company. These include entrepreneur, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Possible Career Choices:

- Actuarial Analyst
- Business Adviser
- Business Analyst
- Business Development Manager
- Chartered Management Accountant
- Corporate Investment Banker
- Data Analyst
- Data Scientist
- Forensic Accountant
- Risk Manager



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Culinary Arts

Endorsement: Business and Industry



Pathway Description:

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Possible Career Choices:

- Banquet Chef
- Dining Room Manager
- Executive Chef
- Food and Beverage Director
- Independent Caterer
- Pastry Chef
- Personal Chef
- Private Chef
- Private Club and Resort Manager
- Sales for Restaurants and Hotels

9th Grade
Intro to Culinary Arts



10th Grade
Culinary Arts I



11th Grade
Culinary Arts II



12th Grade
TBA



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Electrical Trades

Endorsement: Business and Industry



Pathway Description:

This course is primarily for industrial electrical apprentices, presenting the broad spectrum of industrial systems that might be encountered in a typical industrial environment. Based on an intensive study of AC polyphaser circuits, (reinforced by some laboratory experimentation), the course content is expanded to include: (1) electrical energy sources for industry; (2) distribution systems; (3) industrial control systems; (4) industrial electrical loads; and (5) indicating systems for industry.

Possible Career Choices:

- Electrician
- Electrical Apprentice
- Electrical Estimator
- Electrical Foreman
- Electrical Project Superintendent
- Electrical Safety Specialist
- Housing Construction Specialist
- Instrument & Electrical Helper

9th Grade
Principles of Construction



10th Grade
Electrical Technology



11th Grade
Advanced Electrical Technology



12th Grade
TBA



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Graphic Design Endorsement: Business and Industry



Pathway Description:

Graphic design courses at help students to gain an understanding of design concepts, principles, and guidelines as impact layout, type and color. They will discover how to apply design principles through the structure of a visual hierarchy, using both space and type, to create effective designs.

Possible Career Choices:

- Art Director
- Creative Director
- Drafter (Architecture and Engineering)
- Film and Video Editor
- Graphic Designer
- Industrial/Product Designer
- Marketing Manager
- Multimedia Artist/Animator

9th Grade
Art I



10th Grade
Graphic Design I



11th Grade
Graphic Design II and Lab II



12th Grade
Printing and Imaging
Technology



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Cosmetology

Endorsement: Public Services



Pathway Description:

This pathway includes courses that involved in enhancing the personal appearance of yourself and others, through caring for your skin, hair and makeup.

Possible Career Choices:

- Hair Stylist
- Nail Technician
- Salon or Spa Manager
- Beautician
- Wedding and Event Stylist
- Makeup Artist
- Esthetician

Certification by Exam:

- Cosmetology Operator License

9th Grade
Elective Course



10th Grade
Computer Course



11th Grade
Cosmetology I



12th Grade
Cosmetology II



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Firefighter

Endorsement: Public Services

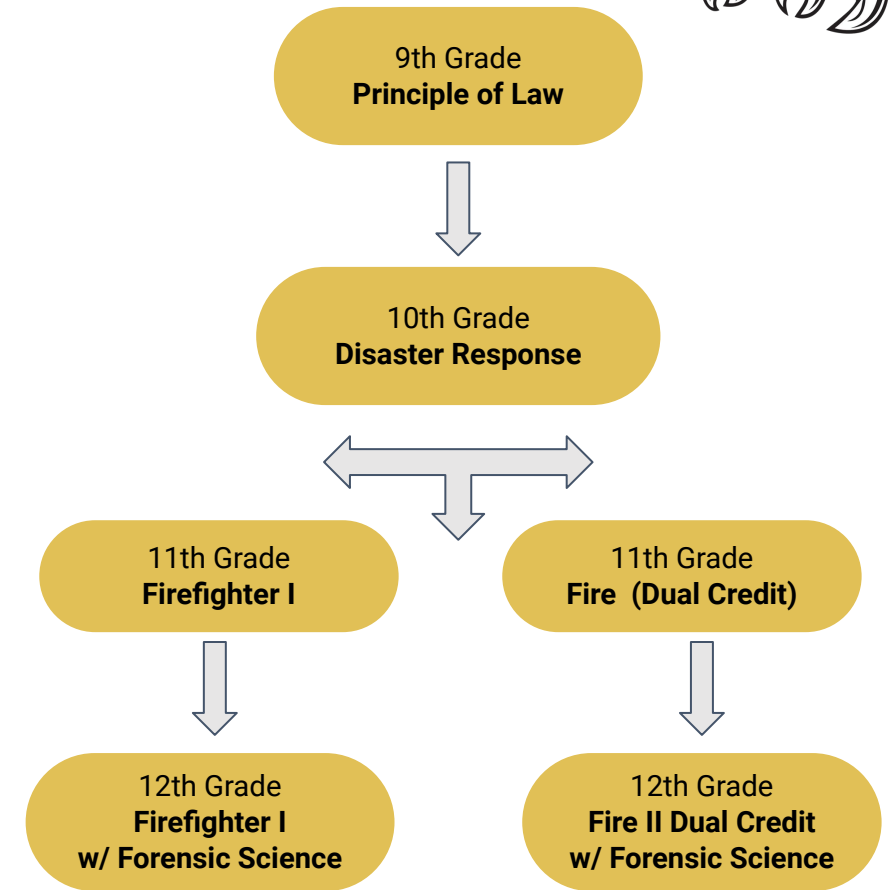


Pathway Description:

Firefighter is designed to give new firefighters the practical and cognitive training needed to operate safely and effectively on the fireground. The Academy exceeds the requirements outlined by the Illinois Office of the State Fire Marshal for entry-level firefighter training. Academy focuses on an intense hands-on approach to firefighter, which promotes both skill competency and an understanding of the fireground. Students complete numerous fireground-speed evolutions, and rolling responses, which encourage them to apply their skills to a variety of scenarios.

Possible Career Choices:

- EMT
- Fire Inspector
- Forest and Conservation Worker
- Paramedic



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Law Enforcement
Endorsement: Public Services

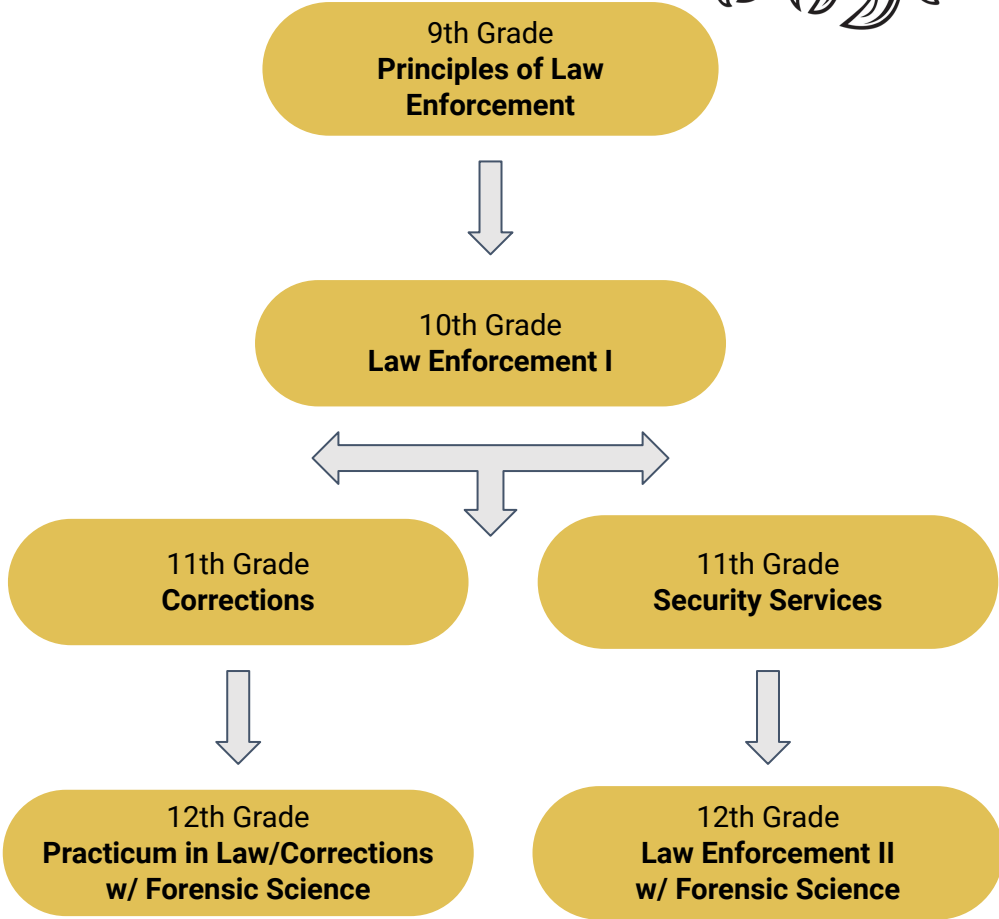


Pathway Description:

The law enforcement services pathway includes courses that focus on how workers protect the lives and property of community members, including, controlling traffic, preventing and investigating crimes, enforcing laws and ordinances, and apprehending, arresting and processing suspected criminals.

- Possible Career Choices:**
- Bailiff
 - Border Patrol Agent
 - Corrections Officer
 - Crime Scene Investigator
 - Criminologist
 - Customs Agent
 - Forensic Science Technician
 - Probations Officer
 - Private Detective
 - Security Guard
 - State Trooper

- Career and Technical Student Organizations (CTSOs):**
- Criminal Justice



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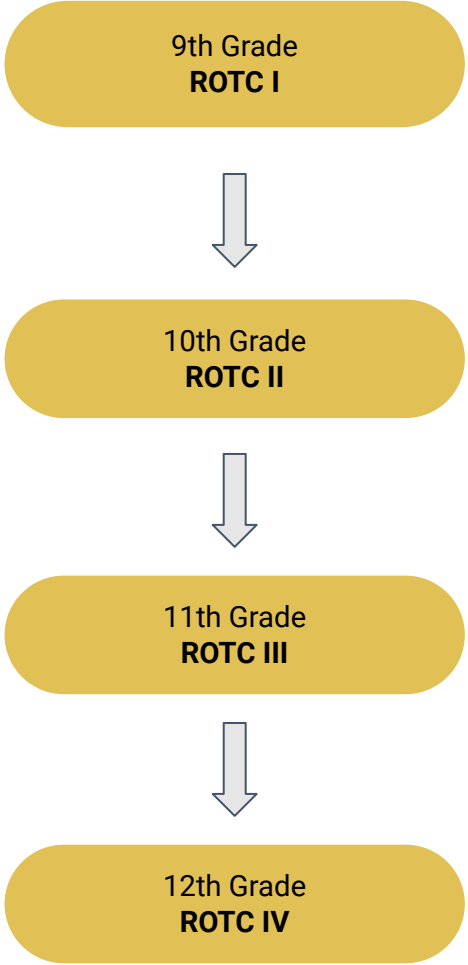
ROTC
Endorsement: Public Services



Pathway Description:

This program will help students build a strong knowledge base of self discovery and leadership skills applicable to many leadership and managerial situations. Mastery of the Army Junior ROTC standards through project-based learning, service learning and leadership development activities will prepare students for the 21st Century leadership responsibilities.

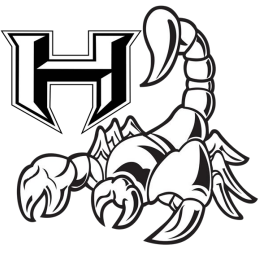
- Possible Career Choices:**
- Air Defense
 - Armor- Military Intelligence
 - Army Finance Corps
 - Aviation
 - Engineering
 - Field Artillery
 - Infantry



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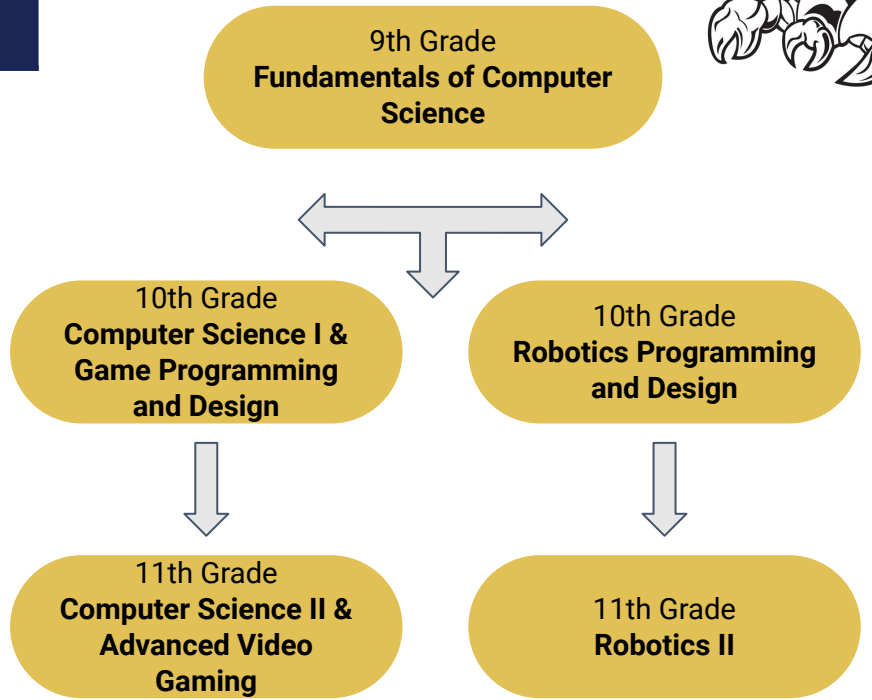
Engineering
Endorsement: Science, Technology, Engineering, and Math (STEM)



Pathway Description:

Engineering covers a wide range of applications and industries. Combining mathematics, science and technology, engineers produce creative solutions to real world problems.

- Possible Career Choices:**
- Aerospace Engineer
 - Agricultural Engineer
 - Automotive Engineer
 - Biomedical Engineer
 - Chemical Engineer
 - Civil Engineer
 - Computer Engineer
 - Drafting and Design Engineer
 - Electrical Engineer
 - Environmental Engineer
 - Geological Engineer
 - Marine Engineer
 - Mechanical Engineer
 - Petroleum Engineer
 - Software Engineer

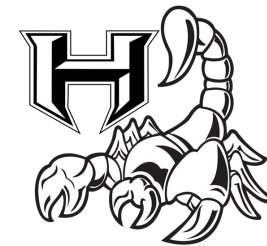


Classes will be offered 2020-2021
 Engineering Applications of Computer Science Principal
 Engineering Math (2020-2021)
 Engineering Science (2020-2021)



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STEM- Math or Science
*Endorsement: Science,
Technology, Engineering, and
Math (STEM)*

- Possible Career Choices:**
- Cryptographer
 - Mathematician
 - Economist
 - Actuary
 - Financial planner
 - Investment analyst
 - Statistician
 - Operations research analyst
 - Analytical chemist
 - Animal technician
 - Biomedical engineer
 - Biomedical scientist
 - Clinical psychologist
 - Clinical research associate
 - Clothing/textile technologist
 - Colour technologist

9th Grade
Math Year I



10th Grade
Math Year II



11th Grade
Math Year III



12th Grade
Math Year IV and V

9th Grade
Science Year I



10th Grade
Science Year II



11th Grade
Science Year III



12th Grade
Science Year IV and V



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Clint ISD

Mountain View High School



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Arts and Humanities
*Endorsement: General Arts,
Humanities and Foreign Language*



Pathways...

- General Arts
- General Humanities
- Foreign Language

Arts requirements

- 4 credits in the same foreign language, or fine arts discipline
- OR
- 2 credits each from 2 fine arts disciplines
- General Humanities
- Foreign Language

Humanities requirements

- Completion of all four years of social studies with an additional Social Studies elective
- Endorsement credits may serve as Foundation electives as well.



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Business Management Endorsement: Business and Industry



Pathway Description:

Courses in this pathway are related to the business environment. Students learn business skills essential to efficient, productive operations for any company. These include entrepreneur, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Possible Career Choices:

- Accountant
- Business Adviser/Teacher
- Business Analyst
- Business Development Manager
- Chartered Management Accountant
- Corporate Investment Banker
- Data Analyst
- Data Scientist
- Forensic Accountant
- Risk Manager

9th Grade
**Principles of Business, Finance
and Marketing**



10th Grade
BIM I



11th Grade
Accounting



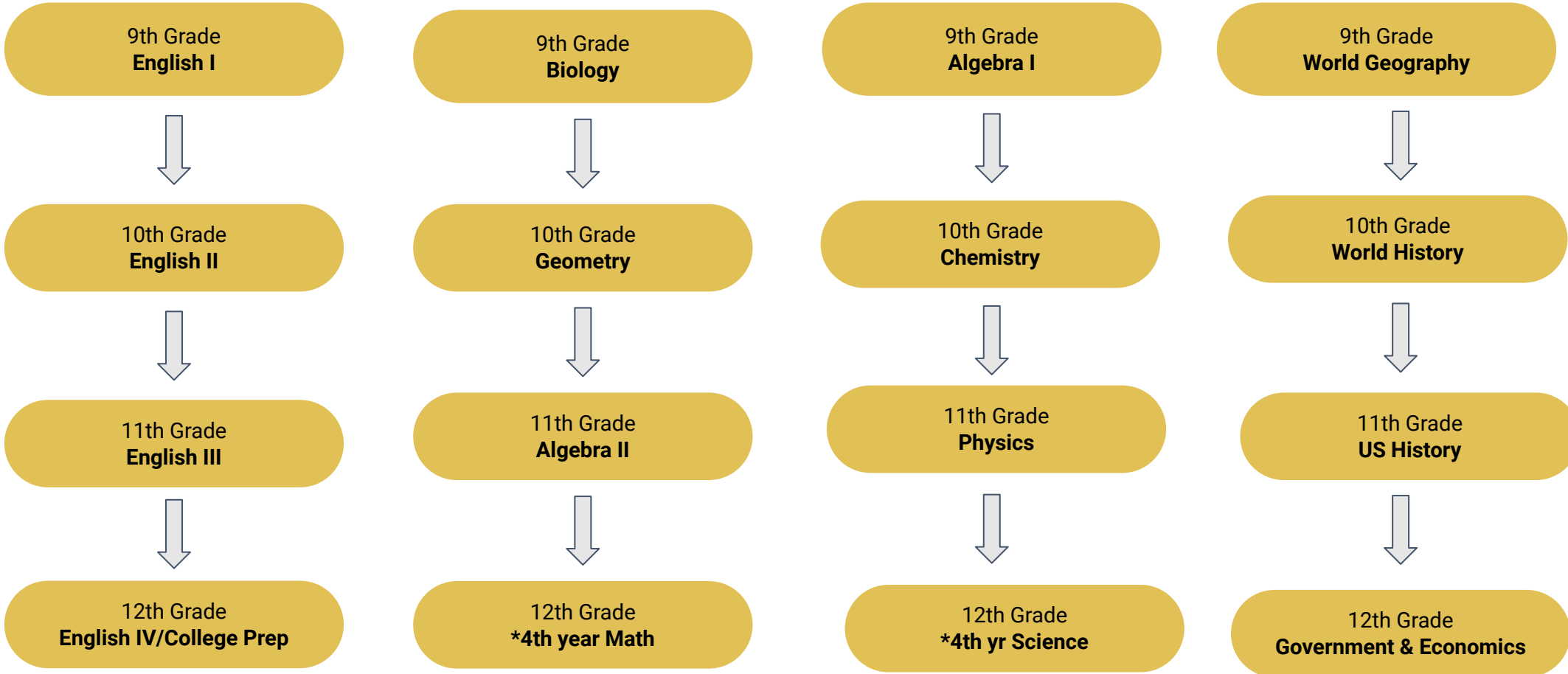
12th Grade
Business Management



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Endorsement: Multidisciplinary



- *4th year Math**
 - AP Statistics
 - AP Calculus
- *4th yr Science**
 - AP Biology
 - AP Physics



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Cosmetology

Endorsement: Public Services



Pathway Description:

This pathway includes courses that involved in enhancing the personal appearance of yourself and others, through caring for your skin, hair and makeup.

Possible Career Choices:

- Hair Stylist
- Nail Technician
- Salon or Spa Manager
- Beautician
- Wedding and Event Stylist
- Makeup Artist
- Esthetician

Certification by Exam:

- Cosmetology Operator License

9th Grade
Principles of Human Services



10th Grade
Introduction to Cosmetology



11th Grade
Cosmetology I



12th Grade
Cosmetology II



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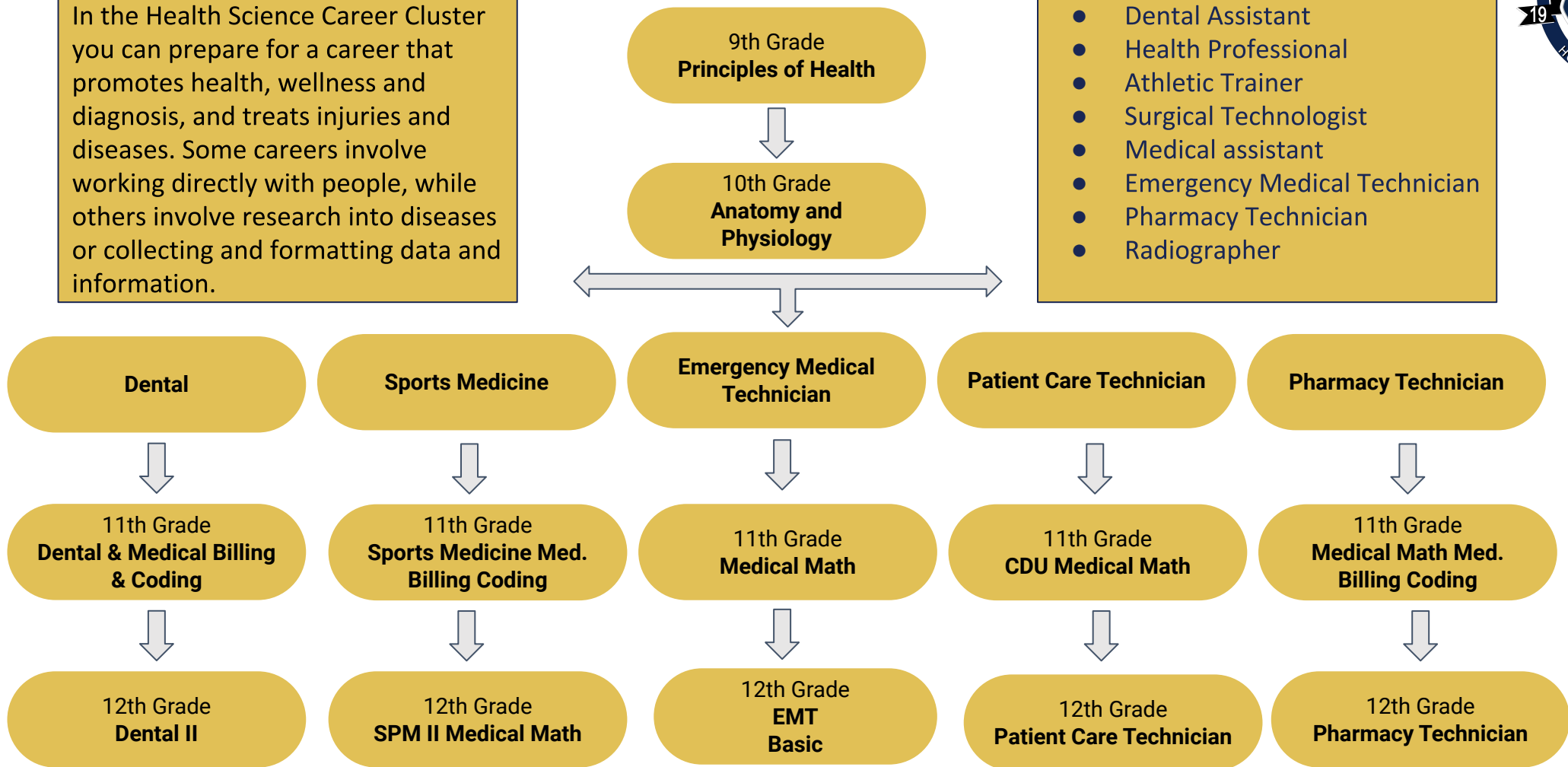
Pathway Description:

In the Health Science Career Cluster you can prepare for a career that promotes health, wellness and diagnosis, and treats injuries and diseases. Some careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information.

Health Science Endorsement: Public Services

Possible Career Choices:

- Dental Assistant
- Health Professional
- Athletic Trainer
- Surgical Technologist
- Medical assistant
- Emergency Medical Technician
- Pharmacy Technician
- Radiographer



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Law Enforcement

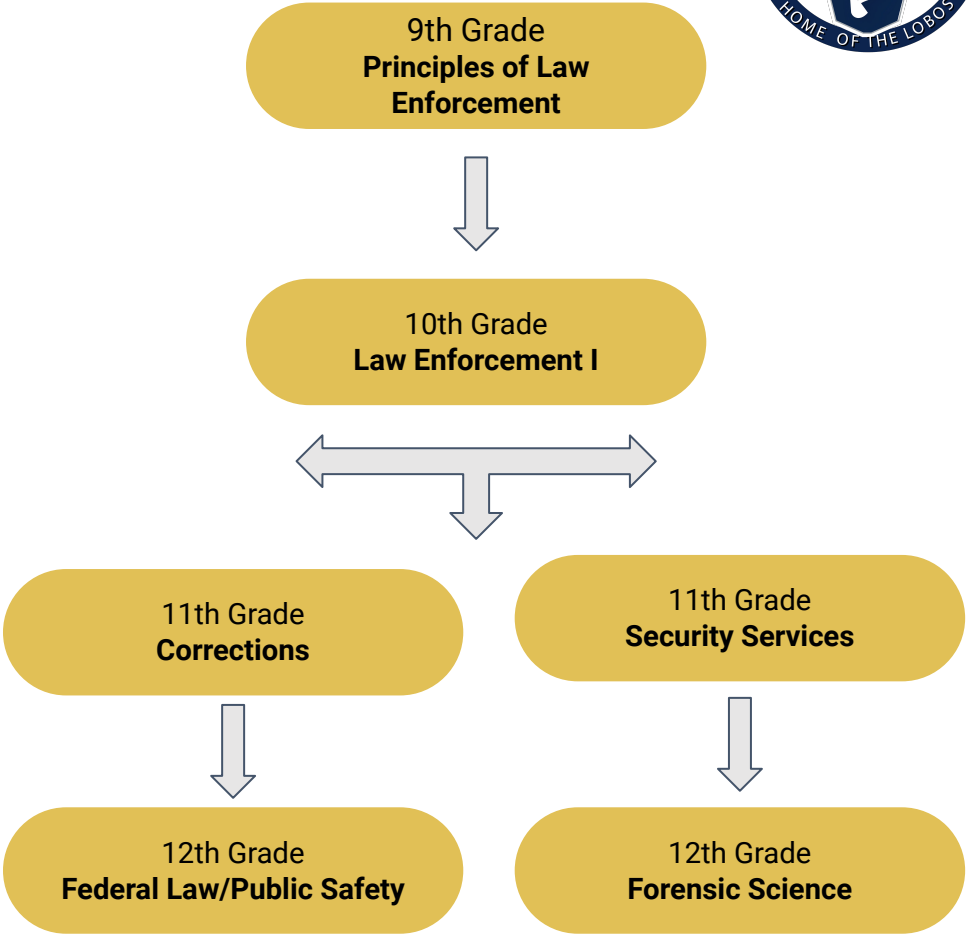
Endorsement: Public Services



Pathway Description:

The law enforcement services pathway includes courses that focus on how workers protect the lives and property of community members, including, controlling traffic, preventing and investigating crimes, enforcing laws and ordinances, and apprehending, arresting and processing suspected criminals.

- Possible Career Choices:**
- Bailiff
 - Border Patrol Agent
 - Corrections Officer
 - Crime Scene Investigator
 - Criminologist
 - Customs Agent
 - Forensic Science Technician
 - Probations Officer
 - Private Detective
 - Security Guard
 - State Trooper



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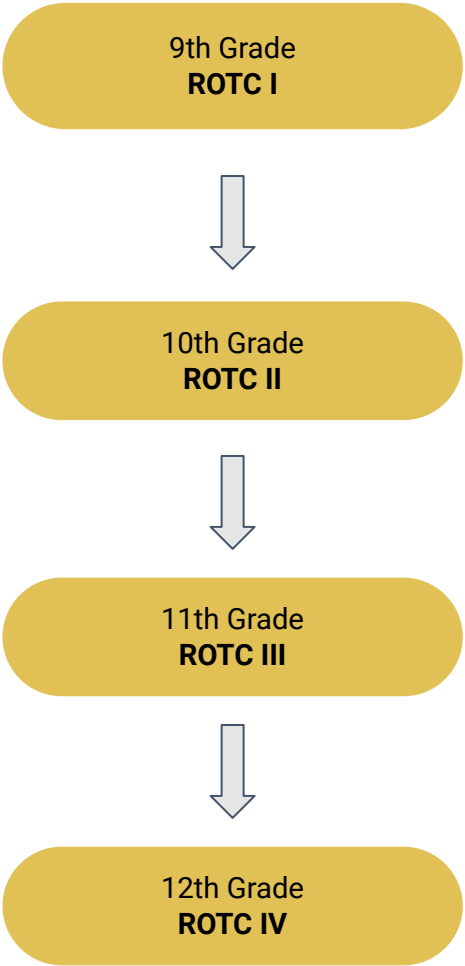
ROTC
Endorsement: Public Services



Pathway Description:

This program will help students build a strong knowledge base of self discovery and leadership skills applicable to many leadership and managerial situations. Mastery of the Army Junior ROTC standards through project-based learning, service learning and leadership development activities will prepare students for the 21st Century leadership responsibilities.

- Possible Career Choices:**
- Air Defense
 - Armor- Military Intelligence
 - Army Finance Corps
 - Aviation
 - Engineering
 - Field Artillery
 - Infantry



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Engineering Endorsement: STEM



Pathway Description:

Engineering covers a wide range of applications and industries. Combining mathematics, science and technology, engineers produce creative solutions to real world problems.

Possible Career Choices:

- Aerospace Engineer
- Biomedical Engineer
- Civil Engineer
- Data Analyst
- Drafting Technician
- Equipment Engineer
- Firmware Engineer
- Naval Architect
- Research Engineer

9th Grade
**Robotics Programming
Design**



10th Grade
**Fundamentals of Computer
Science**



11th Grade
Computer Science



12th Grade
AP Computer Science



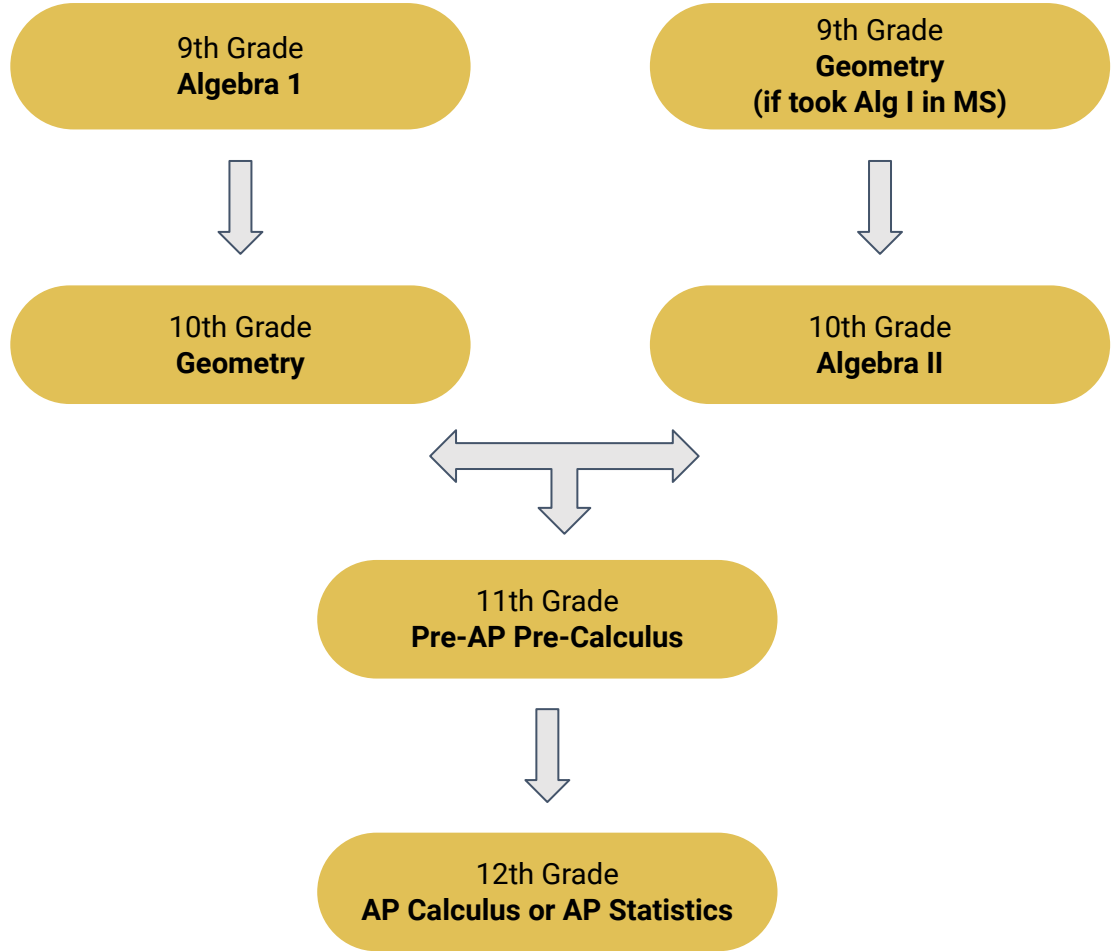
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Math Endorsement: STEM

- Possible Career Choices:**
- Aerospace Engineer
 - Biomedical Engineer
 - Civil Engineer
 - Drafting Technician
 - Equipment Engineer
 - Firmware Engineer
 - Naval Architect
 - Research Engineer
 - Math Teacher



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Science Endorsement: STEM



Possible Career Choices:

- Research Scientist
- Safety Science Director
- Clinical Science Leader
- Science Teacher
- University Professor
- Astronomer
- Forensic Science Technician
- Meteorologist

9th Grade
Biology



10th Grade
Chemistry



11th Grade
Physics and Anatomy



12th Grade
AP Biology or AP Physics

9th Grade
PAP Biology



10th Grade
PAP Chemistry



11th Grade
PAP Physics and AP Biology



12th Grade
AP Physics



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Clint High School



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Arts and Humanities
*Endorsement: General Arts,
Humanities and Foreign Language*



Pathways...

- General Arts
- General Humanities
- Foreign Language

Arts requirements

- 4 credits in the same foreign language, or fine arts discipline
- OR
- 2 credits each from 2 fine arts disciplines
- General Humanities
- Foreign Language

Humanities requirements

- Completion of all four years of social studies with an additional Social Studies elective
- Endorsement credits may serve as Foundation electives as well.



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Agricultural Science
Endorsement: Business and Industry

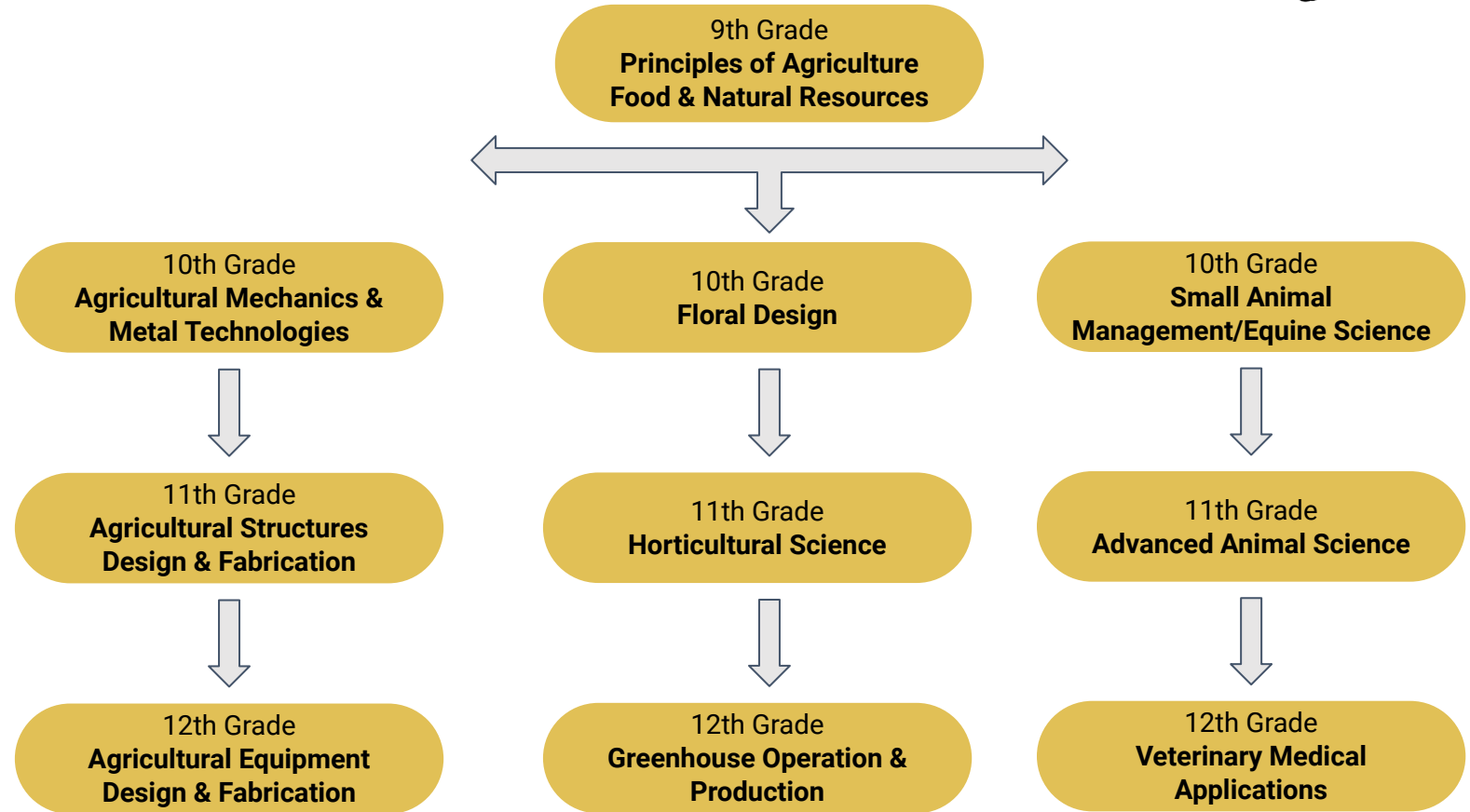


Possible Career Choices:

- Agricultural Engineer
- Agricultural Inspector
- Fishery Manager
- Horticulture Technician
- Plant Biologist
- Water Conservationist
- Landscaper
- Soil Engineer

Certification by Exam:

- Assistant Veterinarian Technician



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Business Management

Endorsement: Business and Industry

Pathway Description:

Courses in this pathway are related to the business environment. Students learn business skills essential to efficient, productive operations for any company. These include entrepreneur, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Possible Career Choices:

- Accountant
- Business Adviser/Teacher
- Business Analyst
- Business Development Manager
- Chartered Management Accountant
- Corporate Investment Banker
- Data Analyst
- Data Scientist
- Forensic Accountant
- Risk Manager

9th Grade
**Principles of Business,
Finance and Marketing**



10th Grade
BIM I



11th Grade
BIM II



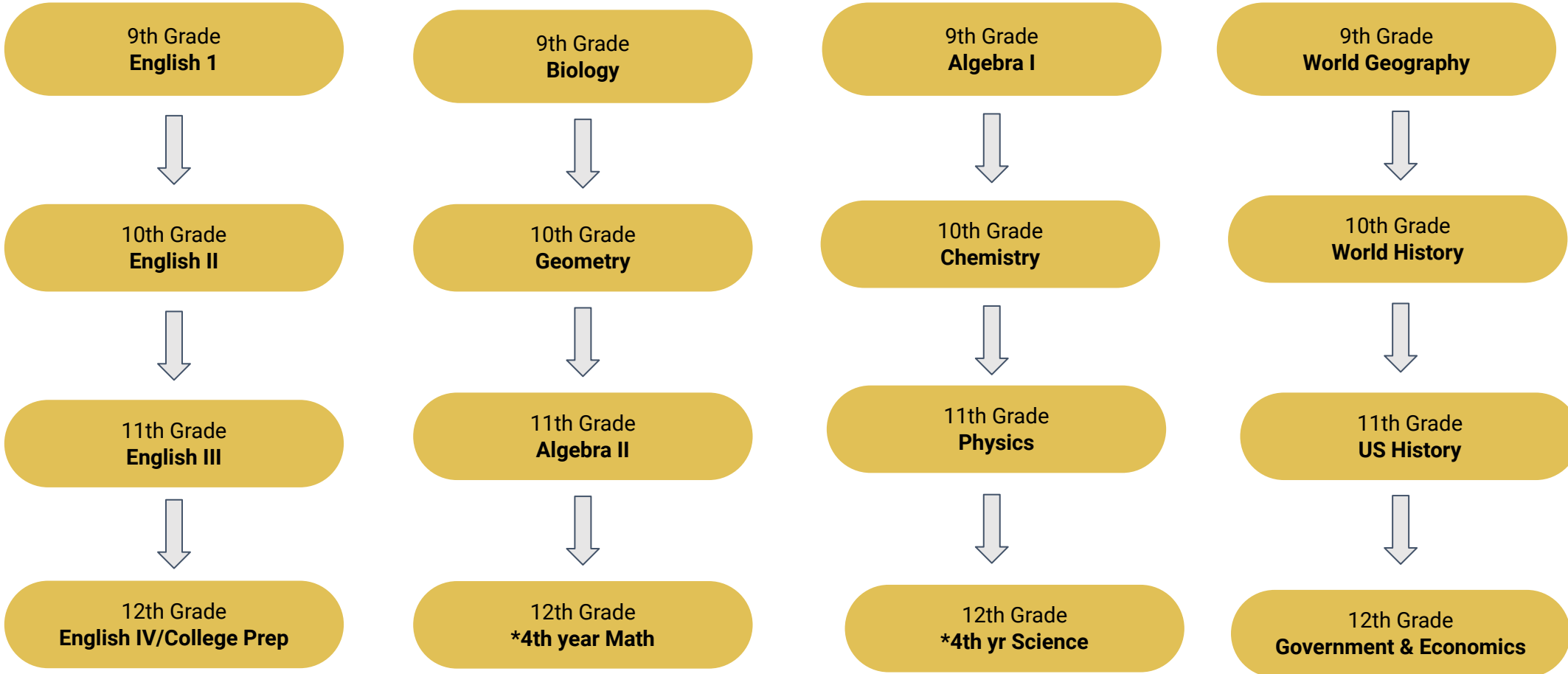
12th Grade
Business Management



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Endorsement: Multidisciplinary



- *4th year Math
 - AP Statistics
 - AP Calculus
- *4th yr Science
 - AP Biology
 - AP Physics



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Cosmetology

Endorsement: Public Services



Pathway Description:

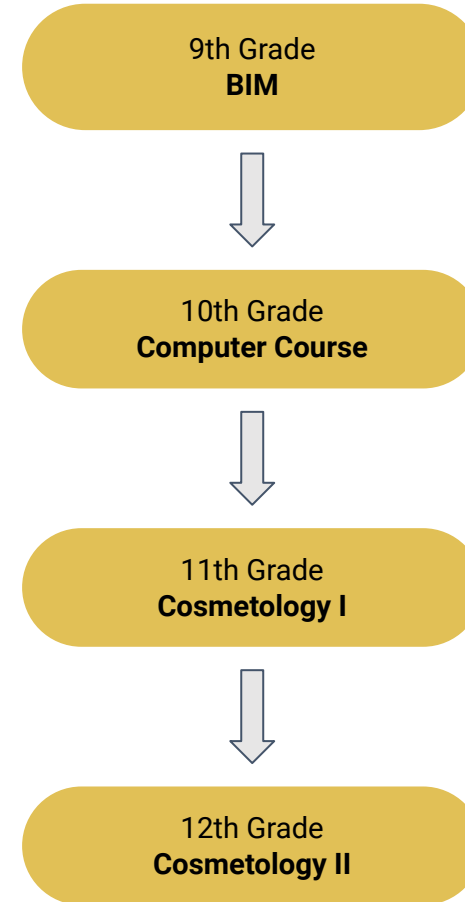
This pathway includes courses that involved in enhancing the personal appearance of yourself and others, through caring for your skin, hair and makeup.

Possible Career Choices:

- Hair Stylist
- Nail Technician
- Salon or Spa Manager
- Beautician
- Wedding and Event Stylist
- Makeup Artist
- Esthetician

Certification by Exam:

- Cosmetology Operator License



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Law Enforcement Endorsement: Public Services



Pathway Description:

The law enforcement services pathway includes courses that focus on how workers protect the lives and property of community members, including, controlling traffic, preventing and investigating crimes, enforcing laws and ordinances, and apprehending, arresting and processing suspected criminals.

Possible Career Choices:

- Bailiff
- Border Patrol Agent
- Corrections Officer
- Crime Scene Investigator
- Criminologist
- Customs Agent
- Forensic Science Technician
- Probations Officer
- Private Detective
- Security Guard
- State Trooper

9th Grade
Principles of Law & Public Service



10th Grade
Law Enforcement I



11th Grade
Law Enforcement II



12th Grade
Forensic Science



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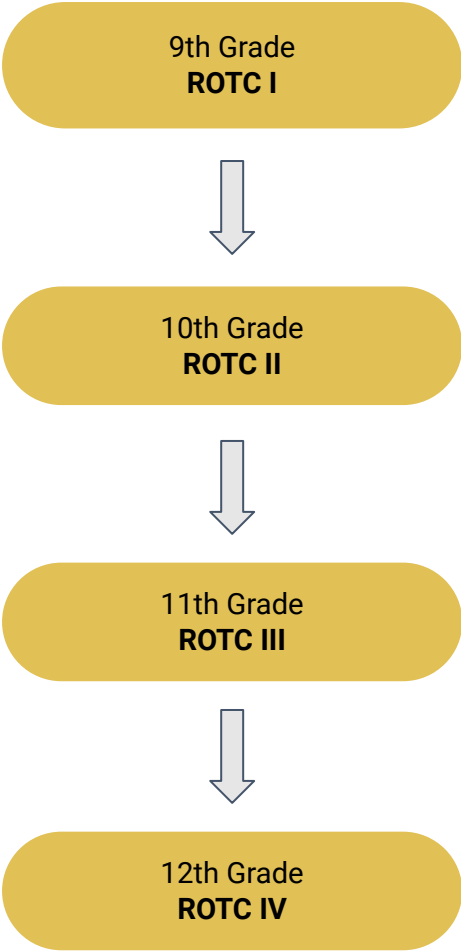
ROTC
Endorsement: Public Service



Pathway Description:

This program will help students build a strong knowledge base of self discovery and leadership skills applicable to many leadership and managerial situations. Mastery of the Army Junior ROTC standards through project-based learning, service learning and leadership development activities will prepare students for the 21st Century leadership responsibilities.

- Possible Career Choices:**
- Air Defense
 - Armor- Military Intelligence
 - Army Finance Corps
 - Aviation
 - Engineering
 - Field Artillery
 - Infantry



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Engineering Endorsement: STEM



Pathway Description:

Engineering covers a wide range of applications and industries. Combining mathematics, science and technology, engineers produce creative solutions to real world problems.

Possible Career Choices:

- Aerospace Engineer
- Biomedical Engineer
- Civil Engineer
- Data Analyst
- Drafting Technician
- Equipment Engineer
- Firmware Engineer
- Naval Architect
- Research Engineer

9th Grade
**Robotics Programming
Design**



10th Grade
**Fundamentals of Computer
Science**



11th Grade
Computer Science



12th Grade
AP Computer Science



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Math Endorsement: STEM



Possible Career Choices:

- Aerospace Engineer
- Biomedical Engineer
- Civil Engineer
- Drafting Technician
- Equipment Engineer
- Firmware Engineer
- Naval Architect
- Research Engineer
- Math Teacher

9th Grade
Algebra 1

9th Grade
Geometry
(if took Alg I in MS)

10th Grade
Geometry

10th Grade
Algebra II

11th Grade
Pre-AP Pre-Calculus

12th Grade
AP Calculus or AP Statistics



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Science
Endorsement: STEM



Possible Career Choices:

- Research Scientist
- Safety Science Director
- Clinical Science Leader
- Science Teacher
- University Professor
- Astronomer
- Forensic Science Technician
- Meteorologist

9th Grade
Biology



10th Grade
Chemistry



11th Grade
Physics and Anatomy



12th Grade
AP Biology or AP Physics

9th Grade
P-AP Biology



10th Grade
P-AP Chemistry



11th Grade
**P-AP Physics and
AP Biology**



12th Grade
AP Physics



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