Agriculture, Food \& Natural Resources careers encompass the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
Agricultural Chemical Dealer
Agricultural Educator
Aquaculturalist
Bank/Loan Office
Botanist
Ecologist

| Possible Careers |  |
| :--- | :--- |
| Environmental Compliance- | Meat Cutter-Meat Grader |
| Assurance Manager | Park Manager |
| Environmental Engineer | Plant Pathologist |
| Equine Manager | Produce Buyer |
| Farm Manager | Recycling Technician |
| Fish and Game Officer | Wildlife Manager |
| Health and Safety Sanitarian | Veterinarian |

## Aligned Electives

(Required courses are not included.)

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Business | Career Planning | Science | Animal Behavior |
|  | College Skills for Success |  | AP Biology |
| English* | AP Language |  | Chemistry |
|  | AP Literature |  | AP Chemistry |
| Family and Consumer Sciences | Consumer Economics |  | Earth \& Space |
|  | Culinary Arts |  | Ecology |
|  | Career Internship |  | AP Environmental |
| World Languages | German |  | Geology |
|  | Spanish |  | Physics |
| Math | Probability \& Statistics |  | AP Physics |
|  | AP Statistics | Social Studies | Economics |
|  |  |  | AP Economics Micro/Macro |
|  |  |  | AP European History |
|  |  |  | Geography |
|  |  |  | World History |
|  |  |  | AP World History |

Aligned Co-Curricular Activities<br>Skills USA, Science Club, Bass Fishing, Chemistry Club (AAS)

*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

## (A) rehitecture \& Construction

Architecture \& Construction careers encompass designing, planning, managing, building and maintaining the built environment.

## Possible Careers

Architect
Carpenter
Civil Engineer
Construction Foreman/Manager
Contractor
Demolition Engineer
Drafter
Drywall Installer

Electrician
Electronic Systems Technician Equipment/Material Manager General Contractor/Builder Heating, Ventilation, Air Conditioning and Refrigeration Mechanic Interior Designer
Painter

## Paperhanger

Plumber
Project Estimator
Project Inspector Roofer
Safety Director
Sheet Metal Worker
Tile and Marble Setter

## Aligned Electives <br> (Required courses are not included.)

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Applied Technology | Building Construction | World Languages | French |
|  | CAD |  | German |
|  | Architectural CAD |  | Spanish |
|  | Mechanical CAD | Math | Analytical Geometry |
|  | Computer Networking |  | AP Calculus |
|  | Electronics |  | Probability \& Statistics |
|  | Engineering Concepts |  | AP Statistics |
|  | House Wiring |  | Trigonometry |
|  | Career Internship | Science | Animal Behavior |
|  | Welding \& Fabrication |  | Chemistry |
|  | Woodworking |  | Earth \& Space |
|  | Wood Finishing |  | Ecology |
| Art | Art \& Design |  | AP Environmental |
|  | Interdisciplinary Geometry |  | Physics |
| Business | Business Law |  | AP Physics |
|  | Computer Applications | Social Studies | Chicago History |
|  | Word Applications/Keyboarding |  | Economics |
| English* | AP Language |  | AP Economics Micro/Macro |
|  | AP Literature |  | AP European |
| Family and Consumer Sciences | Apparel \& Interior Design |  | Geography |
|  |  |  | Psychology |
|  |  |  | AP Psychology |
|  |  |  | Sociology |
|  |  |  | World History |
|  |  |  | AP World History |

## Aligned Co-Curricular Activities

Skills USA, World-Wide Youth in Science and Engineering, Science Club, Woods Club, Play Tech Crew
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Arts, A/V Technology \& Communications careers encompass designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
Actor
Audio-Video Designer
Audio-Video Engineer
Broadcast Technician
Commercial Artist
Computer Animator

| Possible Careers |  |
| :--- | :--- |
| Curator/Gallery Manager | Printing Equipment Operator |
| Director and Coach | Telecommunication Technician |
| Fashion Designer | Videographer |
| Journalist | Web Page Designer |
| Lithographer |  |
| Musician |  |

## Aligned Electives <br> (Required courses are not included.)

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Applied Technology | Computer Maintenance \& Repair | English Cont'd | Mythology |
|  | Computer Networking |  | Shakespeare |
|  | Electronics |  | Writing Fiction \& Poetry |
|  | Graphic Arts | Family and Consumer Sciences | Apparel \& Interior Design |
|  | Career Internship |  | Fashion |
| Art | Advertising Art | World Languages | French |
|  | Art \& Design |  | German |
|  | Ceramics |  | Latin |
|  | Computer Art |  | Spanish |
|  | Drawing | Math | Probability \& Statistics |
|  | Illustration |  | AP Computer Science |
|  | Interdisciplinary Geometry |  | AP Statistics |
|  | Jewelry | Music | Band |
|  | Painting |  | Choir |
|  | Photography |  | Guitar |
|  | Sculpture |  | Music Tech \& Business |
|  | AP Studio Art |  | Music Theory |
| Business | Career Planning |  | AP Music Theory |
|  | Computer Applications |  | Orchestra (CS) |
|  | Web Page Design |  | Percussion |
|  | Word Applications/Keyboarding | PE | Dance I \& II |
| English | Acting \& Theater | Science | Chemistry |
|  | British Literature |  | AP Chemistry |
|  | Popular Literature | Social Studies | Economics |
|  | Rhetoric of Cinema |  | AP Economics Micro/Macro |
|  | College Prep Writing |  | AP European History |
|  | Contemporary Literature |  | Psychology |
|  | Debate |  | AP Psychology |
|  | Journalistic Writing |  | Sociology |
|  | AP Language |  | World History |
|  | AP Literature |  | AP World History |
|  | Mass Media/Broadcasting |  |  |

## Aligned Co-Curricular Activities

Skills USA, Group Interpretation/Contest Play, Speech, Debate Team, Band, Jazz Band (AAS), Literary Magazine, Newspaper, Orchesis, Orchestra, Theatre, Yearbook, Anime Club (CS), Color Guard (AAS), Flag Corp, Winter Guard, Graphic Arts Club (CS), Radio Club (AAS \& CS), Art Club, Drama Club, Man Choir (VJA), Madrigals (AAS), Business Casual (AAS), Variety Show (VJA), Business Professionals of America (CS \& VJA), Cinema Club (AAS)

## D) Usiness Management \& Administration

Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

Administrative Assistant
Advertising Sales Person
Auditor
Business Consultant
Certified Public Accountant
Corporate Trainer
E-Commerce Analyst

## Possible Careers

Entrepreneur Facilities Manager Finance Director Human Resources Manager Investment Executive Marketing Analyst Medical Transcriptionist

Office Manager
OSHA/ADA Compliance Officer
Personnel Recruiter
Public Relations Manager
Sales Representative
Wholesale and Retail Buyer

Aligned Electives
(Required courses are not included.)

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Applied Technology | Graphic Arts | Math | Analytical Geometry |
| Art | Advertising Art |  | AP Calculus |
| Business | Accounting |  | Probability \& Statistics |
|  | Advertising |  | AP Statistics |
|  | Computer Applications |  | Trigonometry |
|  | Entrepreneurship | Science | AP Biology |
|  | General Business |  | Chemistry |
|  | Career Internship |  | AP Chemistry |
|  | Sports \& Entertainment Marketing |  | AP Environmental |
|  | Web Page Design |  | Physics |
|  | Word Application/Keyboarding |  | AP Physics |
| English* | AP Language | Social Studies | Economics |
|  | AP Literature |  | AP Economics Micro/Macro |
| Family and Consumer Sciences | Consumer Economics |  | AP European |
| World Languages | French |  | Geography |
|  | German |  | Psychology |
|  | Spanish |  | AP Psychology |
|  |  |  | World History |
|  |  |  | AP World History |

## Aligned Co-Curricular Activities

Skills USA, Distributive Education Clubs OF America, Business Professionals of America, Prom Committee, Occupational Information Education Club (CS), Foreign Language Clubs; Business Club (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Education \& Training careers encompass planning, managing and providing education and training services, and related learning support services.

## Possible Careers

Administrator Assessment Specialist CareerTech Administrator Child Care Worker
Clinical Psychologist

| Coach | High School Teacher <br> College/University Faculty |
| :--- | :--- |
| Middle School Teacher |  |
| Counselor | Principal |
| Curriculum Developer | Speech-Language Pathologist |
| Elementary Teacher |  |

Aligned Electives
(Required courses are not included.)

| Department | Electives | Department |
| :--- | :--- | :--- |
| Business | Computer Applications | Science |
|  | Word Applications/Keyboarding |  |
| English* | AP Language | AP Biology |
|  | AP Literature | Chemistry |
| Family and Consumer Sciences | Child Development | AP Chemistry |
|  | Consumer Economics | Geology |
|  | Cosmetology | Physics |
|  | Early Childhood Education | AP Physics |
|  | Career Internship | Social Studies |
|  | Parenting | AP Economics Micro/Macro |
|  | Teaching Internship | AP European |
|  | Spanish | Geography |
| World Languages | Probability \& Statistics | Psychology |
| Math | AP Statistics | AP Psychology |
| PE/Health | Junior Leaders | Sociology |
|  | Lifeguarding | World History |
|  | PEOPEL Tutor | AP World History |
|  | PEOPEL Tutor Training |  |

## Aligned Co-Curricular Activities

Skills USA, Mathletes, Mu Alpha Theta, Student Council, First Class Leader (CS), Freshmen Homeroom Leaders (VJA), Friendship Connection (CS), The Hangout (VJA), Diversity Club (VJA); Class Councils; Extra Mile (AAS); International Club (AAS); Social Action Club (AAS); CEC (Council for Exceptional Children) (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Finance careers encompass planning, services for financial and investment planning, banking, insurance, and business financial management.

|  | Possible Careers |  |
| :--- | :--- | :--- |
| Abstractor | Debt Counselor | Loan Officer |
| Accountant | Economist | Non-Profit Manager |
| Actuary | Financial Planner | Tax Examiner |
| Bill and Account Collector | Foreign Exchange Manager | Title Researcher and Examiner |
| Commodities Representative | Fund Raiser | Treasurer |
| Controller | Insurance Broker | Trust Officer |
| Credit Analyst | Internal Auditor | Underwriter |

## Aligned Electives

(Required courses are not included.)

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Business | Accounting | Math | Analytical Geometry |
|  | Computer Applications |  | AP Calculus |
|  | Entrepreneurship |  | Probability \& Statistics |
|  | General Business |  | AP Statistics |
|  | Career Internship |  | Trigonometry |
|  | Sports \& Entertainment Marketing | Science | AP Biology |
|  | We Page Design |  | Chemistry |
|  | Word Applications/Keyboarding |  | AP Chemistry |
| English* | AP Language |  | AP Environmental |
|  | AP Literature |  | Physics |
| Family and Consumer Sciences | Consumer Economics |  | AP Physics |
| World Languages | French | Social Studies | Economics |
|  | German |  | AP Economics Micro/Macro |
|  | Spanish |  | AP European |
|  |  |  | Geography |
|  |  |  | Psychology |
|  |  |  | AP Psychology |
|  |  |  | Sociology |
|  |  |  | World History |
|  |  |  | AP World History |

## Aligned Co-Curricular Activities

Skills USA, Distributive Education Clubs of America, Junior Achievement (CS), Business Professionals of America; Business Club (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Government \& Public Administration careers encompass executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.

| Possible Careers |  |  |
| :--- | :--- | :--- |
| Ambassador | Election Supervisor | Lobbyist |
| Bank Examiner | Elected Official | National Security Advisor |
| City Manager | Foreign Service Officer | Planner |
| Combat Control Officer | Immigration Officer | Policy Advisor |
| Commissioner | Intelligence Analyst | Tax Policy Analyst |
| Cryptographer | Internal Revenue Investigator |  |

## Aligned Electives

(Required courses are not included.)

| Department | Electives | Department |
| :--- | :--- | :--- |
| Business | Computer Applications | Science |
|  | Information Management |  |
| English* | AP Language | AP Biology |
|  | AP Literature | Chemistry |
| Family and Consumer Sciences | Consumer Economics | AP Chemistry |
| World Languages | French | Ecology |
|  | German | AP Environmental Science |
|  | Spanish | Earth \& Space |
| Math | Dependent on specific pathway | Social Studies |
|  |  | Physics |
|  |  | AP Physics |
|  |  | Economics |
|  |  | AP Economics Micro/Macro |
|  |  | AP European |
|  |  | Geography |
|  |  | Sociology |
|  |  | World History |
|  |  | AP World History |

## Aligned Co-Curricular Activities

Skills USA, Youth in Government, Student Council, Class Officers, Model UN, Speech, Debate, Foreign Language Clubs; Class Councils; Social Action Club (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

## UJalth Science

Health Science careers encompasses planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Dental Assistant/Hygienist
EMT/Paramedic
Health Information Coder
Home Health Aide
Lab Technician
Phlebotomist
Radiographer
Registered Nurse

## Possible Careers

| Athletic Trainer | Physician's Assistant |
| :--- | :--- |
| Biochemist | Psychologist |
| Biostatistician | Radiologist |
| Geneticist | Recreation Therapist |
| Industrial Hygienist | Research Scientist |
| Nutritionist | Speech/Language Pathologist |
| Occupational Therapist | Toxicologist |
| Physician (MD/DO) | Veterinarian |

## Aligned Electives

(Required courses are not included.)

| Department | Electives | Department | Electives |
| :--- | :--- | :--- | :--- |
| Business | Career Planning | PE/Health | Fitness \& Nutrition |
|  | Computer Applications |  | Lifeguarding |
| English* | Information Management |  | Sports Medicine |
|  | AP Language | Strength \& Conditioning |  |
| Family and Consumer Sciences | AP Literature | Fitness \& Nutrition | Science |
| World Languages | French | Social Studies | Anatomy \& Physiology |
|  | Latin | Dependent on specific pathway |  |
|  | Spanish | Economics |  |
| Math | Dependent on specific pathway | AP Economics Micro/Macro |  |
|  |  | AP European |  |
|  |  | Geography |  |
|  |  | Psychology |  |
|  |  | AP Psychology |  |
|  |  | Sociology |  |
|  |  | World History |  |
|  |  | AP World History |  |

## Aligned Co-Curricular Activities

Skills USA, World-Wide Youth In Science and Engineering, Sports Medicine Club, Science Club, Snowball, Swim Guard, Foreign Language Clubs; Peer Mediation (AAS \&VJA)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Hospitality \& Tourism careers encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

## Possible Careers

| Baker | Director of Tourism Development | Restaurant Owner/Manager |
| :--- | :--- | :--- |
| Bartender | Event Planner | Sports Promoter |
| Casino Manager | Executive Chef | Theme Park Manager |
| Caterer | Facilities Manager | Tour and Travel Guide |
| Concierge | Maitre d' | Travel Agent |
| Convention Services Manager | Museum Director | Wine Steward |
| Director of Operations - Lodging | Reservations Manager |  |

## Aligned Electives

(Required courses are not included.)

| Department | Electives | Department | Electives |
| :--- | :--- | :--- | :--- |
| Business | Career Planning | PE/Health | Challenge Education |
|  | Computer Applications | Science | Earth \& Space |
|  | Information Management | Science | AP Environmental Science |
| English* | AP Language | Geology |  |
| Family and Consumer Sciences | AP Literature | Consumer Economics | Social Studies |
|  | Culinary Arts | Economics |  |
|  | Career Internship | AP Economics Micro/Macro |  |
| World Languages | French | AP European |  |
|  | German | Geography |  |
|  | Spanish | Psychology |  |
| Math | Probability \& Statistics | AP Psychology |  |
|  | AP Statistics | Sociology |  |
|  |  |  | World History |

## Aligned Co-Curricular Activities

Skills USA, Bass Fishing, Project Diversity (VJA), Foreign Language Clubs; International Club (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Human Services careers encompass preparing individuals for employment in career pathways that relate to families and human needs.

Buyer
Certified Financial Planner
Community Service Director
Consumer Advocate
Cosmetologist
Director of Childcare Facility

Possible Careers

| Emergency and Relief Worker | Personal Fitness Trainer |
| :--- | :--- |
| Esthetician | School Counselor/Psychologist |
| Funeral Director | Small Business Owner |
| Licensed Professional Counselor | Social Worker | Market Researcher Massage Therapist

Personal Fitness Trainer
School Counselor/Psychologist
Social Worker

Aligned Electives
(Required courses are not included.)

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Business | Career Planning | PE/Health | Fitness \& Nutrition |
|  | Computer Applications |  | Lifeguarding |
|  | Entrepreneurship |  | Sports Medicine |
|  | General Business |  | Strength \& Conditioning |
|  | Personal Law | Science | AP Biology |
| English* | AP Literature |  | Chemistry |
|  | AP Language |  | AP Chemistry |
| Family and Consumer Sciences | Adult Living |  | Earth \& Space |
|  | Consumer Economics |  | Ecology |
|  | Cosmetology |  | AP Environmental Science |
|  | Child Development |  | Geology |
|  | Early Childhood Education |  | Physics |
|  | Fitness \& Nutrition |  | AP Physics |
|  | Parenting | Social Studies | Economics |
| World Languages | Spanish |  | AP Economics Micro/Macro |
| Math | Probability \& Statistics |  | AP European |
|  | AP Statistics |  | Geography |
|  |  |  | Psychology |
|  |  |  | AP Psychology |
|  |  |  | Sociology |
|  |  |  | World History |
|  |  |  | AP World History |

## Aligned Co-Curricular Activities

Skills USA, Key Club, NHS, Student Council, Snowball, Sports Medicine Club, SADD (CS); Social Action Club (AAS); Peer Mediation (AAS \& VJA)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Information Technology careers encompass building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

Animator
Database Administrator
Data Systems Designer
E-Business Specialist
Game Developer
Information Technology Engineer

## Possible Careers

| Media Specialist | Systems Administrator |
| :--- | :--- |
| Network Administrator | Telecommunications Network |
| Network Security Analyst | Technician |
| PC Support Specialist | User Support Specialist |
| Programmer | Virtual Reality Specialist |
| Software Applications Specialist | Web Architect/Designer |

## Aligned Electives

(Required courses are not included.)

| Department | Electives | Department |
| :--- | :--- | :--- |
| Applied Technology | Computer Networking (CISCO) | Science |
|  | Computer Maintenance \& Repair | AP Biology |
|  | Digital Electronics | Chemistry |
|  | Graphic Arts | AP Chemistry |
|  | IROC | Earth \& Space |
| Art | Advertising Art | Ecology |
|  | Art \& Design | AP Environmental Science |
|  | Computer Art | Geology |
| Business | Career Planning | Physics |
|  | Computer Applications | AP Physics |
|  | Information Management | Scocial Studies |
|  | Career Internship | AP Econics |
|  | Web Page Design | AP European Micro/Macro |
| English* | AP Language | Geography |
| Math | AP Literature | Psychology |
|  | Analytical Geometry | AP Psychology |
|  | AP Calculus | World History |
|  | AP Computer Science | AP World History |
|  | Trigonometry |  |

## Aligned Co-Curricular Activities

Skills USA, Anime Club (CS), Graphic Arts Club (CS), Distributive Education Clubs Of America, Business Professionals of America, Newspaper, Yearbook, Literary Magazines
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

Law, Public Safety, Corrections \& Security careers encompass planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

## Possible Careers

Attorney
Bomb Technician
Corrections Officer
Court Reporter
Criminal Investigator
EMT

| Possible Careers |  |
| :--- | :--- |
| Federal Marshall | Park Ranger |
| Firefighter | Police and Patrol Officer |
| Gaming Surveillance Specialist | Probation/Parole Officer |
| Hazardous Materials Responder | Public Information Officer |
| Loss Prevention Specialist | Security Director |
| Paralegal | Youth Services Worker |

Aligned Electives
(Required courses are not included.)

| Department | Electives | Department | Electives |
| :--- | :--- | :--- | :--- |
| Business | Business Law | Science | Anatomy \& Physiology |
|  | Computer Applications |  | AP Biology |
|  | Career Internship | Chemistry |  |
|  | Personal Law | AP Chemistry |  |
| English* | AP Language | Earth \& Space |  |
|  | AP Literature | Ecology |  |
| World Languages | French | AP Environmental Science |  |
|  | Latin | Geology |  |
|  | Spanish | Physics |  |
| PE/Health | Fitness \& Nutrition | AP Physics |  |
|  | Lifeguarding | Psychology |  |
|  | Sports Medicine | AP Psychology |  |
| Math | Dependent on specific pathway |  | Sociology |

## Aligned Co-Curricular Activities

Skills USA, Youth \& Government, Debate, Speech
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

## nufacturing

Manufacturing careers encompass planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Assembler
Boilermaker
Design Engineer
Environmental Engineer
Foundry Worker
Freight, Stock and Material Mover
Health and Safety Representative

## Possible Careers

Industrial Machinery Mechanic Inspector
Labor Relations Manager
Logistician
Manufacturing Technician
Pattern and Model Maker
Production Manager

Quality Control Technician<br>Safety Engineer<br>SPC Coordinator<br>Tool and Diemaker<br>Traffic Manager<br>Welder

| Department | Electives | Department |
| :--- | :--- | :--- |
| Applied Technology | Auto Body | Electives |
|  | Auto Technology | Anatomy \& Physiology |
|  | CAD | AP Biology |
|  | Architectural CAD | Chemistry |
|  | Mechanical CAD | AP Chemistry |
|  | Digital Electronics | Earth \& Space |
|  | Electronics | Ecology |
|  | Engineering Concepts | AP Environmental Science |
|  | Career Internship | Geology |
|  | Welding \& Fabrication | Physics |
| Business | Computer Applications | Social Studies |
| English* | AP Language | AP Physics |
|  | AP Literature | Economics |
| Family and Consumer Sciences | Consumer Economics | AP Economics Micro/Macro |
| World Languages | French | AP European |
|  | German | Geography |
| Math | Spanish | Psychology |
|  | Analytical Geometry | AP Psychology |
|  | Probability \& Statistics | World History |
|  | AP Statistics | AP World History |
|  | Trigonometry |  |

## Aligned Co-Curricular Activities

Skills USA, Auto Club, Woods Club, Graphic Arts Club (CS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

## reting

Marketing, Sales \& Service careers encompass planning, managing, and performing marketing activities to reach organizational objectives.

Copywriter/Designer
E-Commerce Director Entrepreneur
Field Marketing Representative Forecasting Manager Interactive Media Specialist Inventory Manager/Analyst

## Possible Careers

Logistics Manager Shipping/Receiving Clerk
Merchandise Buyer
On-line Market Researcher
Public Relations Manager
Promotions Manager Retail Marketing Coordinator Sales Executive

Telemarketer
Trade Show Manager
Warehouse Manager
Webmaster

| Department | Electives | Department | Electives |
| :---: | :---: | :---: | :---: |
| Applied Technology | Graphic Arts | Math | Analytical Geometry |
| Art | Advertising Art |  | AP Calculus |
|  | Art \& Design |  | AP Computer Science |
|  | Computer Art |  | Probability \& Statistics |
|  | Media \& Design |  | AP Statistics |
| Business | Accounting |  | Trigonometry |
|  | Business Law | Music | Music Tech \& Business |
|  | Computer Applications | Science | AP Physics |
|  | Entrepreneurship |  | Physics |
|  | General Business |  | Chemistry |
|  | Sports \& Entertainment Marketing |  | AP Chemistry |
|  | Web Page Design |  | AP Biology |
| English* | AP Language |  | Geology |
|  | AP Literature |  | Ecology |
| Family and Consumer Sciences | Apparel \& Interior Design |  | Earth \& Space |
|  | Consumer Economics |  | AP Environmental Science |
|  | Career Internship | Social Studies | Economics |
| World Languages | French |  | AP Economics Micro/Macro |
|  | German |  | AP European |
|  | Spanish |  | Geography |
|  |  |  | Psychology |
|  |  |  | AP Psychology |
|  |  |  | Sociology |
|  |  |  | World History |
|  |  |  | AP World History |

## Aligned Co-Curricular Activities

Skills USA , Radio Club (AAS \& CS), Business Professionals of America, SADD (CS), Prom Committee, Yearbook, Pep Club, Drama Club, Literary Magazine, Newspaper, Speech, Distributive Education Clubs OF America, Class Councils; Charger Nation (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

## ience, Technology Engineering \& Mathematics

Science, Technology, Engineering \& Mathematics careers encompass planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Aerospace Engineer
Agricultural Engineer Analytical Chemist Anthropologist
Architectural Engineer
Astrophysicist
Biomedical Engineer

## Possible Careers

| CAD Technician | Mathematician |
| :--- | :--- |
| Civil Engineer | Metallurgist |
| Computer Programmer | Statistician |
| Ecologist | Survey Technician |
| Geologist | Zoologist |
| Geothermal Engineer |  |
| Math Teacher |  |

## Aligned Electives

(Required courses are not included.)

| Department |  | Electives | Department |
| :--- | :--- | :--- | :--- |$\quad$ Electives

## Aligned Co-Curricular Activities

Skills USA, Mu Alpha Theta, Mathletes, Science Club, Robotics Club (CS), World-Wide Youth In Science and Engineering, Tech Crew, Radio Club (AAS \& CS); Chemistry Club (AAS)
*To satisfy the graduation requirement, seniors are required to enroll in one category A (Reading/Literature) English elective and one category B (Writing/Speaking/Listening/Research) English elective. Students are encouraged to reference the course descriptions on page 40 to determine which English electives best relate to their interests and/or future career plans."

