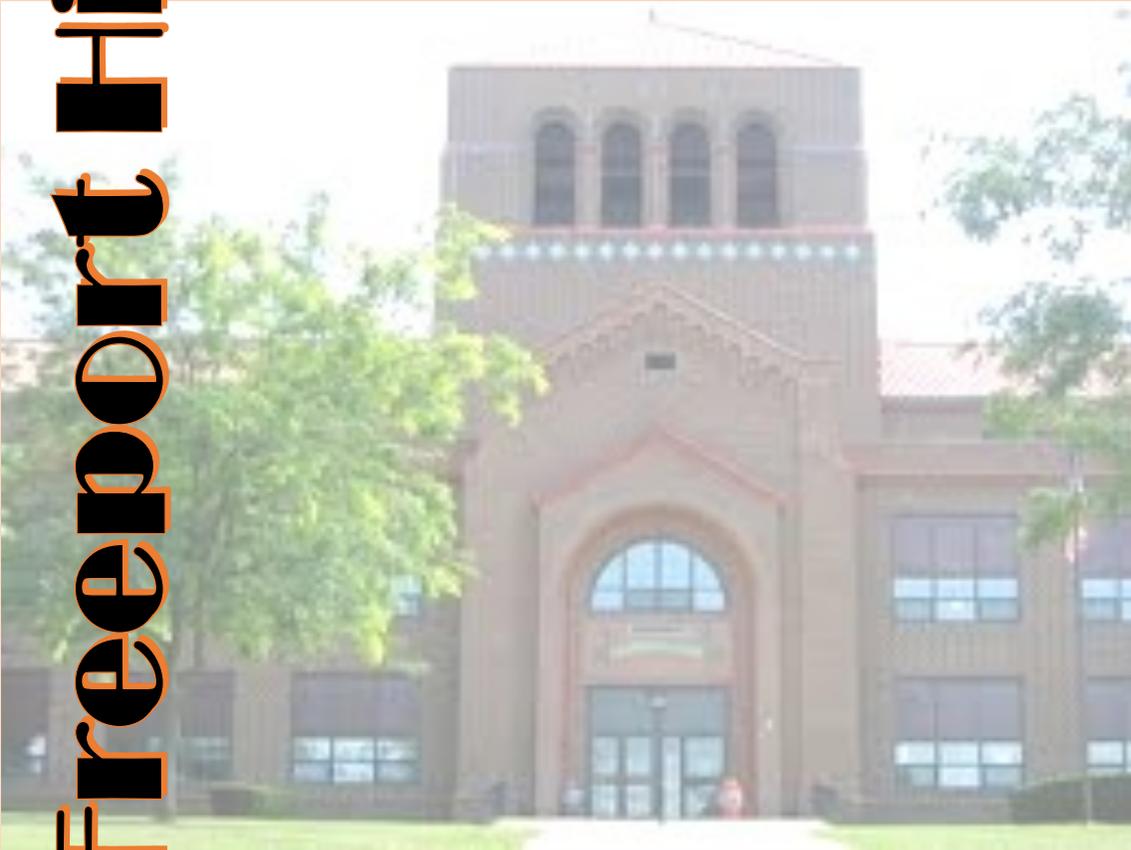

Freeport High School

Course Descriptions 2022-2023





The Freeport School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in admission to access to; or treatment of employment in its programs and activities.

The following person has been designated to coordinate compliance with IDEA and Section 504 the 1973 Rehabilitation Act. Inquiries regarding the non-discrimination policies shall be directed to:

Daniel Holder, Director of Pupil Personnel Services
Freeport School District #145
501 E. South Street
Freeport, IL 61032
815-232-0329
daniel.holder@fsd145.org



Dear Guardians,

There are about 1,100 students at FHS and each one deserves an engaging education that involves themselves, their families and the support of our entire community. Over the last three years, FHS has steadily increased our career pathway electives to engage our students in courses that support who they see themselves becoming after high school. As we embark on our 4th year of the wall to wall academies of Freeport High School rollout, we see our students' increased interest in course and career experiences to help create a career-based plan for their future success.

The collaborative efforts of our administrative team, teachers and business leaders have invigorated the successful building of *The Academies of Freeport High School*. *Teacher teams and partnerships with local businesses have expanded our students' high school experiences and helped them to see their potential futures. By growing our local career opportunities, we aim to make Pretzel City the hub for business expansion by providing a world class workforce right here at home. Please see page 10 for an overview of Academy pathways offered at FHS.*

As a student of Freeport High School, the Academy model affords an opportunity unlike high school experiences from the past. While we continue to offer the traditional core classes, those core courses are taught through the perspective of a students' chosen pathway. As parents, you will be called upon to engage and support your student in their own journey toward success. We look forward to partnering with all of our stakeholders today and tomorrow.

FHS Principal

ONCE A PRETZEL, ALWAYS A PRETZEL..



Table of Contents

Letter from the Principal	3
Table of Contents	5
Freeport High School Staff Directory	6
Introduction to the Registration Process	7
Introduction to the Academies of Freeport High School	8
Pathway Chart	10
Graduation Requirements	11
Early Graduation Process	13
Typical Four Year Plan	14
Scheduling Procedures	15
School Counseling Services	17
School Records	17
College and Career	18
Grading/Academic Eligibility	19
Honor Roll/Class Rank	19
Graduation with Commendation	20
Withdrawal Procedures	20
Course Descriptions by Department	21
Art	22
AVID	25
Career and Technical Education	26
CareerTEC	36
English and ELL	52
World Languages	58
Mathematics	61
Music	65
NJROTC	67
Physical Education	68
Driver's Education	70
Science	71
Social Studies	74
Special Education	78

Freeport High School

Staff Directory

General Information	815-232-0400
Principal, Dr. Beth Summers	815-232-0405
Associate Principal of Curriculum & Instruction, Sarah Hasken	815-232-0411
Associate Principal of Pupil Services, Brian Lamm	815-232-0410
Athletic Director, Jeff Fitzpatrick	815-232-0425
Freshman Academy Counselor and Director of Guidance, Mr. Jeff Lawfer	815-232-0424
Create Academy Counselor, Mr. Paul Heimer	815-232-0455
Heal Academy Counselor, Mrs. Stacy Shorter	815-232-0423
Lead Academy Counselor, Mrs. Sara Shockey	815-232-0463
College and Career Advisor, Mr. Thedford Jackson	815-232-0523
Registrar, Ms. Sandra Kraft	815-232-0406

INTRODUCTION TO THE REGISTRATION PROCESS

(The information contained in this document is subject to change and does not constitute a contract between the school and student.)

Student schedules may be changed for the following reasons:

- **Successful completion of the course during summer school**
- **An injury (such as a broken arm) or other medical reason that causes the student to be unable to do class work**
- **Failure of a required or prerequisite course**
- **Academic misplacement as determined by faculty**
- **Change in placement due to IEP requirements**
- **Missing class periods**
- **More than one class in the same period**
- **Balancing class size**
- **Errors in course selection by faculty/guidance errors**
- **A change in the student's cooperative work status.**

Students' schedules will not be changed for the following reasons:

- **Teacher change**
- **Period change**
- **Change of mind about taking a specific class**
- **Desire to have a study hall during a specific class period**
- **Lunch period change**

THE ACADEMIES OF FREEPORT HIGH SCHOOL

Freeport High School began transitioning to a Career Academy model during the 2019-2020 school year. Each year, all freshman students are part of the Freshman Academy. Upon registering for classes for their sophomore year, students choose a career pathway that they would like to study, similar to choosing a major in college. The pathway that each student chooses determines which Academy the student belongs to for the remainder of their high school years. Students will take one pathway class per year during their sophomore, junior and senior years. Students are allowed to change pathways once, after their sophomore year, if they decide they are no longer interested in that career pathway. Following are the descriptions of each pathway within the three academies.

CREATE

Academy of Technology, Engineering and Construction

Careers based in this academy typically involve creating, developing, building, or maintaining three dimensional or digital products or structures. Good math and science skills, as well as good problem-solving skills, are necessary for these STEM type fields. Students can choose between four pathways: Auto Maintenance, Engineering and Architecture, Construction Trades, and Information Technology.

Auto Maintenance Pathway: There are millions of cars and trucks on the roads and highways that constantly need some sort of repair, whether it's required maintenance or some sort of auto bodywork. Auto technicians learn to maintain these cars and trucks.

Engineering/Architecture Pathway: Engineers and architects thrive on solving problems using their math and science skills. Innovative thinkers and problem solvers can help drive advancements in almost every industry using engineering technology.

Construction Trades Pathway: Construction workers build every home and school, from framing the walls to installing the plumbing and electrical systems. Bridges, roadways, and sports stadiums are also examples of projects that construction workers build. Hands-on work and manual labor are a given in careers related to this field.

Information Technology Pathway: Computers can be found in almost every home, business, and industry. The demand for people with information technology is very high. Information technology involves developing and maintaining computer systems for individuals and businesses. It also includes installing, trouble-shooting, repairing computers, as well as assessing and mitigating cybersecurity risks.

HEAL

Academy of Health Sciences

Healthcare careers focus on the health and well-being of patients and advancing the cause of medicine. Work is generally performed in hospitals or clinics, but can also be found in offices, nursing facilities, and people's homes. Students can choose between four pathways: Sports Medicine, Nursing/Pre-Med, EMR/Fire Science, and Veterinary Science.

Sports Medicine Pathway: Sports medicine is a broad field containing multiple career paths. Those interested in sports medicine might explore a career as an athletic trainer, certified nursing assistant, or physical therapist. Individuals in these careers work directly with people, trying to improve their current physical being.

Nursing/Pre-Med Pathway: Physicians and nurses work directly with patients to diagnose, treat, and comfort their patients. They like to help people and enjoy math and science, especially when dealing with the human body.

EMS/Fire Science Pathway: Fire science is the study of all aspects of fire, from fire behavior to fire investigation. Being trained in emergency medical services is also part of this pathway. Besides becoming a fire-fighter, careers also include fire protection, prevention and investigation and emergency medical care.

Veterinary Science Pathway: Careers in agriculture include working with animals. From working with soil and plant science to understanding the animal industry as well as the animal anatomy and physiology, careers in this pathway are for those that love animals and want to make a career out of that passion.

LEAD

Academy of Leadership and Service

Careers in this academy typically involve working with people in various settings, whether it is using a business to perform a service, educating and/or counseling, or working within the criminal justice system. Students can choose between four pathways: Law and Public Safety, K-12 Education, Business and Entrepreneurship, and Counseling and Behavioral Health.

Law and Public Safety Pathway: Law and public safety careers are responsible for serving and protecting their communities and enforcing laws. Career paths range from corrections and police officers to lawyers and judges.

K-12 Education Pathway: Education is the teaching and training of young people. Educational practices are studied, focusing on either early childhood education or school-age children through high school. Being able to relate to children and adolescents as well as being flexible are critical skills.

Business and Entrepreneurship Pathway: Learn the day-to-day operations of running a business, either as an owner, general manager or assistant, as well as the fundamentals of creating a new business or product.

Counseling and Behavioral Health Pathway: Mental health is a broad field with many career paths, including counselors, psychologists, psychiatrists and social workers. Individuals work directly with patients or families who are dealing with stressors in their lives that are causing the breakdown of major life activities due to impaired mental health.

FREEPORT HIGH SCHOOL ACADEMY PATHWAYS 2022-2023

Courses in red are CareerTec courses.

CREATE - Academy of Technology, Engineering & Construction	HEAL - Academy of Health Sciences	LEAD - Academy of Leadership & Service
Auto Maintenance <ul style="list-style-type: none"> • Intro to Auto Technology & Maintenance • Auto Tech 2 or Careers in Auto Tech 1 • Capstone Project/Internship or Careers in Auto Tech 2 	Sports Medicine <ul style="list-style-type: none"> • Intro to Health Care Delivery • Medical Terminology • Sports Medicine or Capstone Project/Internship or HOYA 1 	Law and Public Safety <ul style="list-style-type: none"> • Introduction to Law Enforcement • Law Enforcement 1 or Criminal Justice 1 • Law Enforcement 2 or Criminal Justice 2 or Teen Court or Capstone Project/Internship
Engineering/Architecture <ul style="list-style-type: none"> • Intro to Design Engineering (CAD I) • Technological Design (CAD II) or Industrial Technology 1 • Engineering Design (CAD III)/Capstone Project/Internship or Industrial Technology 1 or 2 	Nursing/Pre-Med <ul style="list-style-type: none"> • Intro to Health Care Delivery • Allied Health Assistant or HOYA 1 (Health Occupations Youth Apprenticeship) • Capstone Project/Internship or HOYA 1 or 2 	K-12 Education <ul style="list-style-type: none"> • Foundations of Teaching K- 12 • Educational Methodology or Early Childhood Education 1 • Future Educators K-12 or Early Childhood Education 2
Construction Trades <ul style="list-style-type: none"> • Orientation to Technical Careers • Residential Plumbing/Residential Electric or Construction Trades 1 • Industrial and Home Maintenance with Blueprint Reading or Capstone Project/Internship or Construction Trades 1 or 2 	EMS/Fire Science <ul style="list-style-type: none"> • Firefighting 1 • EMR (Emergency Medical Responder) • EMS/Firefighting 2 or Capstone Project/Internship 	Business and Entrepreneurship <ul style="list-style-type: none"> • Introduction to Business/Computer Concepts 1 • Marketing and Entrepreneurship/Computer Concepts 2 or Careers in Business 1 • Marketing and Entrepreneurship 2 or Capstone Project/Internship or Careers in Business 2
Information Technology <ul style="list-style-type: none"> • Computer Concepts 1/ Coding • Computer Networking 1 or Computer Information Systems 1 • Cybersecurity or Computer Information Systems 1 or 2 	Veterinary Science <ul style="list-style-type: none"> • Farm to Table • Vet and Animal Science • HCC dual credit class or Capstone Project/Internship Or Agricultural Mechanics and Technology 	Counseling and Behavioral Health <ul style="list-style-type: none"> • Human Growth and Development • Counseling and Mental Health 1 • Counseling and Mental Health 2

Graduation Requirements

The Rules and Regulations contained in this course description manual are guidelines for students, parents, teachers and counselors. Should there be the necessity to deviate from the guidelines, the approval of the principal must be obtained. In such cases, the principal may waive the rules and regulations based upon emergencies or conditions requiring judgment in the implementation of the student’s curricular program.

Minimum Load

All individuals must be enrolled as full time students while in school, except for fifth year students, or in cases of extreme hardship, where an administrative decision may permit a deviation. A full-time student is one who carries a minimum of 8 periods per semester, of which at least 6 are academic courses for credit.

Minimum Credit Requirements

Students must earn a minimum number of credits, as defined by the Illinois State Board of Education, as well as the local Board of Education. See the following tables. Students must also complete their last semester of high school at Freeport High School in order to earn a diploma from Freeport High School.

Department	Credits
Classes of 2024, 2025 and 2026	
English	8 semesters (4 credits)
Math	6 semesters (3 credits)
Physical Education	6 semesters (3 credits)
Science	4 semesters (2 credits)
Social Studies: - Successful completion of one semester of American Government and Civics including the Illinois and U.S. Constitution tests - One semester of elective (World History recommended) - One year (2 semesters) of American History	4 semesters (2 credits)
Careers (AVID 9 satisfies the Careers requirement)	2 semesters (1 credit)
Consumer Economics and Senior Seminar	1 semester each (1 credit)
Health Education	1 semester (.5 credit)
Pathway	6 semesters (3 credits)
Electives	13 semesters (6.5 credits)
TOTAL CREDITS	26

Department Class of 2023	Credits
English	8 semesters (4 credits)
Math	6 semesters (3 credits)
Physical Education	6 semesters (3 credits)
Science	4 semesters (2 credits)
Social Studies: - Successful completion of one semester of American Government and Civics including the Illinois and U.S. Constitution tests - One semester of elective (World History recommended) - One year (2 semesters) American History	4 semesters (2 credits)
Careers (AVID 9 satisfies the Careers requirement)	1 semester (.5 credit)
Consumer Economics and Senior Seminar	1 semester each (1 credit)
Health Education	1 semester (.5 credit)
Pathway	6 semesters (3 credits)
Electives	12 semesters (6 credits)
TOTAL CREDITS	25

Transfer of Credits from Other Schools

High school transfer credits from other schools will be evaluated by the registrar. Credits earned at other high schools will be converted to Freeport High School's credit system. Pass/Fail grades will count toward overall credits but not the GPA.

Credit requirements toward graduation may be earned in summer school programs. Similar programs in other schools may be accepted if prior approval is secured from the student's counselor or associate principal. Maximum number of accepted credits of this type will be two credits per summer/semester.

EARLY GRADUATION

THREE YEAR GRADUATE

NOTIFICATION DEADLINE: END OF 3RD QTR OF SOPHOMORE YEAR

Students who wish to graduate at the end of their junior year must have fulfilled the following requirements for graduation.

1. Application deadline (end of 3rd Quarter) sophomore year
2. All graduation requirements - state and local
3. Have a cumulative GPA of 3.0 or better
4. All courses taken are taught by FHS or other certified high school staff or other approved programs
5. SAT has been taken in April of junior year.

Note - No correspondence courses may be applied to early graduation. Students who graduate early may participate in the graduation ceremony at the end of the year. If students do not accumulate the necessary credits to graduate early, they will be required to be a full time student until requirements are met.

SENIOR MID-YEAR GRADUATE (after 1st Semester)

EARLY NOTIFICATION DEADLINE: END OF 3RD QUARTER OF JUNIOR YEAR

FINAL NOTIFICATION DEADLINE: WITHIN FIRST TEN DAYS OF SENIOR YEAR

Students may elect to graduate at the end of the first semester of their senior year if they have fulfilled the requirements for graduation. This will be determined by counselor recommendation and administrative approval. A formal graduation ceremony will not be held in January, but a student electing to graduate after first semester may participate in the graduation ceremony at the end of the school year. All diplomas will be issued at or after the graduation ceremony. Students graduating at semester will be considered to have severed all relationships with Freeport High School and may no longer participate in regular student activities or sports. They are still eligible to attend Prom and senior end-of-the-year activities. Mid year graduates are not eligible to graduate with commendation as they will not have fulfilled the eight semester expectation. The school will not offer additional or specific programs to facilitate early completion for a student. Summer school, credit recovery, and other similar programs are primarily for students facing credit deficiencies.

Typical Freeport High School Four Year Plan

Freshmen—Semester 1		Freshmen—Semester 2	
1	English 9	1	English 9
2	Math	2	Math
3	Biology	3	Biology
4	World History	4	World History
5	PE or Health	5	PE or Health
6	Careers/AVID	6	Careers/AVID
7	Basic Computer Concepts	7	Occupationally Applied Math
8	Elective	8	Elective
Sophomores—Semester 1		Sophomores—Semester 2	
1	Speech	1	English 10
2	Math	2	Math
3	Science	3	Science
4	Driver's Education or PE	4	Driver's Education or PE
5	Government	5	Elective
6	Pathway	6	Pathway
7	Elective	7	Elective
8	Elective	8	Elective
Juniors—Semester 1		Juniors—Semester 2	
1	English 11	1	English 11
2	Math	2	Math
3	Science	3	Science
4	PE	4	PE
5	US History	5	US History
6	Pathway	6	Pathway
7	Elective	7	Elective
8	Elective	8	Elective
Seniors—Semester 1		Seniors—Semester 2	
1	English 12 Composition	1	English Elective
2	PE	2	PE
3	Math	3	Math
4	Consumer Economics	4	Senior Seminar
5	Pathway	5	Pathway
6	Elective	6	Elective
7	Elective	7	Elective
8	Elective	8	Elective

Scheduling Procedures

The course descriptions in this book are to help students choose classes at the appropriate level. They also indicate whether a class is offered as a semester or year long class. Students planning a long-range program should exercise care in selecting semester courses. By planning ahead, students should be able to enroll in courses of their choice throughout their four years of high school.

An orientation session in January or February will be held prior to registration. Counselors will visit classes to explain course offerings and options for the following year and will then follow up with individual appointments with each student. At that time, students will receive a Career and Academic Plan to indicate the proposed schedule for the following school year. It is recommended that the student's parent review this planning form.

Student Responsibilities

Students who miss their scheduled appointment with their counselor and do not register for courses will be enrolled in classes by the administration and/or counselor based on the grade level and graduation requirements. It is the responsibility of the students to determine if they are eligible to take each course. If they are uncertain, they should ask their counselor. If students sign up for a class for which they are not eligible, they will be dropped from the class and re-assigned. Students may not repeat a course for credit unless the exception is designated in the course description.

Schedule Changes

Parent/Student Initiated: Immediately before or shortly after a semester has started, there are only a few circumstances that could result in a student needing a schedule change. Parent/guardian must be in agreement with the changes requested.

Examples:

- Successful completion of the course during summer school
- An injury (such as a broken arm) or other medical reason that causes the student to be unable to do class work
- Failure of a required or prerequisite course
- Academic misplacement as determined by faculty
- Change of placement due to IEP requirements
- Missing a class period
- More than one class in the same period
- Balancing class size
- Errors in course selection by faculty/guidance
- Failure to maintain a job for a Work Based Learning class

NOTES: (1) Requests for specific teachers or class periods will not be granted.
(2) No classes can be added to a schedule after the 10th day of a semester.

At all times, the goals of the student and the advice of the teachers and counselors will be kept in mind. If there is no consensus, the counselor will make an appointment with administration/parent and student for further discussion.

Board Policy (655.22)

Students who drop a course before the tenth day of a semester will be allowed the opportunity to enroll in another available class with sufficient room and the permission of the student's parent(s) and the Principal. After the tenth day of class of a semester, but prior to the 36th day of class, a student will be permitted to drop a class with permission of his parents after a conference between the teacher, counselor, student and his/her parent(s). The student will receive an "N" (no grade) for the class, and there will be no effect on the grade point average of the student.

Students who drop a course after the 35th day of class of a semester will be permitted to do so with the permission of his/her parents after a conference between the teacher, counselor, student and his/her parent(s). Students who drop a course after the 35th day of class of a semester will be placed in a study hall for the remainder of the semester. Students will receive a "WF" (withdrawn failing) for the class, with the "F" computed as part of the grade point average.

School Initiated: After a semester begins, a teacher may realize that a student is misplaced due to preparedness level. In this situation, schedule changes will be made whenever possible upon the teacher's request with parent and administrative approval. **This may only be done during the first 35 days of the semester.**

The student, the parents and the counselor should agree on course selections and appropriate ability sections when section options are available. The school is interested in placing students in courses where they can perform successfully in a challenging learning environment.

FRESHMAN REGISTRATION

Students attending Freeport Middle School will be scheduled during February of their eighth grade year by a Freeport High School counselor. Local private schools will be contacted by an FHS counselor to set up registration meetings with interested students.

If parents have any questions pertaining to scheduling, please feel free to call the high school at (815) 232-0400 and ask for one of the counselors.

Orientation for ninth grade students is held in August.

LATE ENROLLMENT

Students 17 years or older who are not transferring from another school must be enrolled on or before the 15th day of the semester. Students 17 years or older who are transferring from another school must enroll at Freeport High School within 15 days after leaving their previous school. If not enrolled within the 15 day window, students 17 years of age and older must wait until the next semester to enroll.

Students under the age of 17 are eligible to enroll throughout the course of the semester. Students entering after the start of the year will be scheduled individually and will start classes the day following their registration. Late enrollees cannot be guaranteed credit for that semester.

CHANGE OF ADDRESS OR TELEPHONE

If a student moves within the Freeport School District during the school year, the new address and telephone number needs to be provided to the Enrollment/Transportation Center as soon as possible. ETC is located at 2037 West Galena Avenue, Suite B, Freeport, IL. Office hours are Monday-Friday, 6:00 AM - 5:00 PM. The phone number is (815) 232-0580 (FAX 815 232-0588).

COURSE FAILURES

Students who have failed core (Math, English, Science, Social Studies) courses or other require courses required for graduation may need to:

- Take summer school classes.
- Take an overload of courses during junior or senior year.
- Take an online credit recovery course in order to meet graduation requirements within four years.
- Seek enrollment in an alternative program, such as Freeport Alternative High School.

SUMMER SCHOOL PROGRAMS

Opportunities are provided for make-up work through a variety of summer school offerings. Summer school course credits may be used to meet high school graduation requirements. (Refer above.)

FEES AND COSTS

All students pay a registration fee, which includes a locker and a picture ID card at the time of the registration. Some classes require an additional fee. These are listed in the course descriptions. Students who wish to purchase a yearbook or insurance must pay additional fees. Applications for fee waivers must be completed at the Enrollment and Transportation Center on Galena Ave.

FEE WAIVERS DO NOT ALWAYS APPLY TO HCC DUAL CREDIT COURSES; CHECK WITH YOUR GUIDANCE COUNSELOR FOR CLARIFICATION.

School Counseling Services

Freeport High School provides a school counseling system for all students. Each student is assigned a guidance counselor, based on their academy. Services include:

<u>Academic</u>	<u>Career</u>	<u>Social Emotional</u>
<ul style="list-style-type: none">◇ Understand school environment.◇ Acquire a positive attitude toward school.◇ Develop effective study skills.◇ Make decisions about educational opportunities.	<ul style="list-style-type: none">◇ Make appropriate career and educational decisions.◇ Learn effective problem solving.◇ Set goals, plans; & prepare for future.◇ Plan school-to-work transition.◇ Find & maintain employment.◇ Explore non-traditional careers.◇ Appreciate role of work.◇ Understand impact of work on the individual/family.	<ul style="list-style-type: none">◇ Increase self-awareness.◇ Increase social awareness.◇ Communicate effectively.◇ Apply self-management skills.◇ Practice responsible family behavior.◇ Learn good citizenship.◇ Be socially aware.◇ Practice healthy nutrition.◇ Make effective decisions.◇ Learn conflict resolution & coping skills to maximize safety.

School Records

Parents or guardians have the right to review the contents of their student's school records. Students eighteen years old or older have the right to review their own school records.

Because these files are confidential, school authorities may not, except as otherwise provided by law, release them to anyone other than school personnel without the informed, written consent of the student's parents. If the student is eighteen years of age or over, the student replaces the parent as the one in authority to grant inspection rights to others.

The student and/or parents and guardians have the opportunity to review the student's file according to the following procedure:

- Contact the student's counselor and request in writing the inspection of the student's record.
- The counselor, along with the parent and/or student makes an appointment date and time for the inspection of the records.
- The inspection of the records takes place in the school with authorized staff members in attendance to interpret any information or answer questions.
- Parents or guardians may challenge information reviewed during the inspection. The challenge is referred to the proper administrator for a prompt hearing.

COLLEGE AND CAREER

COLLEGE AND CAREER CENTER

Freeport High School provides a College and Career Center for all students and families. The center is available for students to access a web-based computer program that serves as an on-line portfolio of student's interests and strengths, in order to prepare him/her for their post-high school plan. Other services include:

- Individual and family advising on colleges, trade and technical schools, careers, the military and the work force
- Colleges and career options for students with disabilities
- College search assistance
- Choosing a major
- Essay writing
- Scholarships
- Financial aid planning, including the FAFSA
- Help with college application questions
- Career planning
- School to work support

College NOW (HCC) Dual Credit Program

Students wishing to participate in the College NOW program will be completing their last two years of high school on the campus of Highland Community College. Upon successful completion of this two year program, students will earn their high school diploma as well as their associate's degree. Requirements include:

- Achieving a GPA of at least 3.0 by the end of freshman year.
- Completing 3 high school math courses: Integrated Math 1, 2 and 3, by the end of sophomore year.
- Participating in an interview process and receiving approval from building principal and counselor.

Courses will be listed on their high school transcript for high school credit. Grades earned will also be reported back to the high school and will affect GPA and rank. Separate applications and placement tests are required to participate. Costs for this program are paid by Freeport School District. Transportation may be available.

DUAL CREDIT

Dual Credit courses provide both high school credit and college credit at the same time. These courses are dependent on enrollment and Highland Community College placement test results. Dual Credit course options are NOT guaranteed from year to year.

STUDENT ASSISTANTSHIPS

Student assistantships are open to only Junior and Senior students who have a 2.0 grade point average and have not been suspended the previous year. If a student helper is not fulfilling the responsibilities of a student assistantship, the student may be reassigned to study hall. Service earned can be used to meet criteria for Graduation with Commendation award.

REGIONAL CERTIFICATE OF EMPLOYABILITY

With School Board approval, the school will award a Certificate of Employability to senior students who have met specific criteria as follows:

Academics: Minimum 2.0 cumulative grade point average.

Attendance: Candidate may not be absent for more than 6 occurrences during the Senior year. (This criteria is subject to individual school requirements. If extenuating circumstances occur, it is up to the school to decide eligibility.)

Attitude: Several elements are evaluated for each candidate. The candidate must show approval of 8 of the 10 rated attitude characteristics with evaluations from 5 separate teachers.

GRADE REPORTING

Student progress in each class is continuously updated and reported as a grade via Schoology and Skyward. Specific requests for grade information can be made through the teacher or counselor. Teachers are expected to keep an updated gradebook.

At the end of semester one, a report card will be posted to family access in Skyward and will include the semester exam grade.

At the end of semester two, a report card will be posted to family access. A hard copy of the report card, including both semester grades, exams and GPA, will be mailed home. Semester grades are a part of the student's permanent record, and are used to compute the student's grade point average. These grades will post to the student's transcript and are used to issue credit towards graduation. Failing grades do not count as credits toward graduation. A student's GPA (grade point average) will also post to the transcript at the end of each semester.

Specific requests for grade information at other times can be made through the teacher or counselor.

PARENT FAMILY ACCESS

Families who are interested in viewing grades on Schoology or attendance on Skyward may make a request to Freeport High School. Interested families will be assigned a specific log-in and password. An electronic grade book is available for this purpose. Parents may contact teachers by phone or through the email on our website.

ACADEMIC ELIGIBILITY

A participant in FHS sponsored activities, clubs and/or equivalent programs must pass five classes each week to be eligible. In addition, participants in athletics must meet a minimum level on a point scale in order to remain eligible. The point scale is based on the value assigned to each letter grade in an academic class. A's, B's and C's are assigned a value of zero, D's are assigned a value of two and F's are assigned a value of three. Students with a point total of 9 or more each week will be ineligible. Students who receive two F's are automatically ineligible as well. Physical Education is considered as part of the five classes. Semester eligibility is based on the successful completion of five classes. Students who do not meet this standard are ineligible for the following semester.

HONOR ROLL

An honor roll is compiled at the end of each semester. To be on the Honor Roll, students must achieve a grade point average of at least 3.0. Students with a 3.5 or higher are recognized on the High Honor Roll, with special recognition of students **with a 4.0 or higher**.

GRADE POINT AVERAGE/WEIGHTED GRADES

The grade point average (GPA) is calculated on the basis of grades received in academic classes. An "A" is typically worth 4 quality points while a B=3, C=2, D=1, and F=0. These points are used in figuring the GPA. Advanced Placement (AP) courses receive weighted grades and award one additional quality point per course grade of A, B or C. (A=5, B=4, C=3, D=1 and F=0) *WG only applies to FHS credits

Weighted Courses	Credit	Year	Summer Coursework Required
Advanced Placement Art	1/Year	10, 11, 12	No
Advanced Placement Calculus AB/BC	1/Year	11, 12	No
Advanced Placement English Language	1/Year	11, 12	No
Advanced Placement English Literature	1/Year	12	Yes
Advanced Placement Statistics	1/Year	11, 12	No
Advanced Placement US History	1/Year	11, 12	Yes
Advanced Placement European History	1/Year	10, 11, 12	No
Biology Honors II	1/Year	11, 12	Yes
College Now Courses	1/Year	11, 12	No
Chemistry Honors II	1/Year	11, 12	No

Graduation with Commendation Award

Seniors who graduate with commendation are selected based on meeting criteria at the beginning of the second semester their senior year. To be considered, a student must meet the following criteria:

- Has no “F” semester grade during grades 10, 11, and 12.
- Has been enrolled a minimum of two semesters at FHS.
- Has assumed responsibility for self-discipline and defines and develops a knowledge of responsibility to the school and community. A student will meet this requirement if:
 - ◊ No more than 10 days of absence have accumulated during each school year. (Unusual situations may be appealed. Documentation may be required.)
 - ◊ No disciplinary suspensions occurred in grades 10, 11, or 12.
 - ◊ The student has not dropped below the minimum load of classes per semester (6) without counselor approval.
 - ◊ Has provided services to the school through participation in approved activities. A student will receive credit for each year he/she participates in an activity. A minimum of eight activity credits in grades 9 through 12 is required for Graduation with Commendation. The approved activities must not be ones in which the student has received academic credit. Recognizable community service or activity by students may be substituted for school activity upon the review of the high school administration. The student must furnish evidence of such service or activity.

Withdrawal/Fee Refund Procedures

Students who wish to withdraw from school must complete the following procedure to receive a refund of registration fees:

- Secure a withdrawal form from the Guidance Office upon surrendering ID card.
- Present the withdrawal form to each of his/her teachers and secure teacher’s signature after returning all school materials or being charged for outstanding materials or books.
- Return all books, materials and equipment to the teachers and pay fines in the business office.

Refund of registration fees and other rented items are made according to the following schedule:

1st quarter of school	70%
2nd quarter of school	40%
3rd quarter of school	20%
4th quarter of school	0%

Note: No refunds are made until all school-owned books, chrome books and materials are returned and fines are satisfied.

If the student is transferring to another school, that school will request Freeport High School to send all accumulated records and grades to date of leaving for courses in which the student was enrolled in this school. This is done promptly upon receipt of such a request. Failure of the student to follow this procedure results in forfeiture of registration fees.

Students may not be dropped from school and re-enter during the same semester.

Students who drop from school before the end of the first twelve weeks of each semester are assigned a grade of “W” in all classes. Students who drop from school after the twelfth week of the semester and who do not transfer to another high school are assigned a grade of “W” in all classes they are passing and a grade of “F” in those they are not passing. A student must attain the age of 17 in order to drop or be dropped for cause.

Art

Course	Credit	Year	Notes/Prerequisites
Advanced Placement Art (Dual Credit Options Available)	1/Year	10 - 12	A. Design I & II B. One advanced 2D or 3D art class C. Instructor approval
Advanced Studio Art	1/Year	10 - 12	Passed Design I & II and upper level art class with a "B" or better or an "A" in Design I
Ceramics I & II	1/Year	10 - 12	Design I and Design II with grade of "C" or better or an "A" in Design I
Cinematography— The Art of Video Making	.5/Semester	10 - 12	Completion of Design I and Design II with grade of "C" or better or an "A" in Design I
Design I	.5/Semester	9 - 12	None
Design II	.5/Semester	9 - 12	Design I with passing grade
2-D Studio	1/Year	10 - 12	Design I & II with grade of "C" or better or an "A" in Design I
Jewelry	.5/Semester	10 - 12	Design I & II with grade of "C" or better or an "A" in Design I
Sculpture	.5/Semester	10 - 12	Design I & II with grade of "C" or better or an "A" in Design I

Advanced Placement Art
Dual Credit Option Available
A56

Grade 10-12
1Credit/Year

Prerequisite: A) Design I and II B) One advanced 2D or 3D art class C) Instructor approval
May be repeated for credit with instructor approval.

Seniors are required to submit their portfolio to College Board for credit at the end of semester. Juniors will also be required to complete a portfolio to instructor to pass.

AP Art is a rigorous yet enriching experience for the serious art student who is interested in pursuing an advanced art degree. AP Art is focused on submitting a portfolio that is evaluated by the National AP College Board, and if passed, can allow for exemptions in some college introductory art courses. AP Art is also encouraged to build a portfolio for those students who are going to be submitting portfolios to colleges and universities for scholarships. AP Art is a challenging, yet rewarding class for serious students who are looking for a rich art experience. It provides a college freshman art experience at the high school level. There is no written exam, but a portfolio is required for submission senior year to the National AP College Board. The portfolio is designed to explore technical, media and individual focus and is highly recommended for students entering into an art program in college.

Students are expected to purchase their own supplies.

Art

Advanced Studio Art

A57

Grade 10-12

1 Credit/Year

Prerequisite: Passed Design I & II and upper level art class with a "B" or better.

Advanced Studio Art is a studio course in which students will increase technical skills, develop a more sophisticated approach to process and subject matter, and create a portfolio of individual work. In this class students will keep a sketchbook, experiment with materials and analyze work. Advanced Studio Art is an alternative to AP Art, for students who are either not yet ready for the rigor of AP Art, or for sophomores or juniors who would like to experience AP Art without the dual credit option, or the requirements of submitting an AP Portfolio. May be repeated with instructor approval.

Ceramics I & II

A35

Grade 10-12

1 Credit/Year

(3 Dimensional Course—maximum class size 20)

Prerequisite: Design I & II with grade of "C" or better or an "A" in Design I.

May be repeated with instructor approval and a grade of "B" or better.

Ceramics is a specialized course offered each semester with emphasis on traditional and contemporary methods of hand building and throwing. Students will learn slab, coil, pinch, mold, and sculpture techniques. Cultural and historical contributions are explored in design, construction, function, and surface decoration and glazing. Students must purchase a tool kit and are responsible for an apron and bucket. If students choose to make extra projects, they will need to purchase clay and glaze.

Cinematography - The Art of Video Making

A51

Grade 10-12

.5 Credit/Semester

Prerequisite: Design I & II with grade of "C" or better or an "A" in Design I.

May be repeated with a grade of "B" or better.

Cinematography - The Art of Video Making is a semester long course with an emphasis on video making, utilizing 21st century technology and resources. With the ability to create feature length films in our pocket, more and more are creating videos for YouTube or other video platforms. This class will help teach students how to create high quality videos utilizing professional video making processes. The aim of the course is to provide students an outlet for creativity utilizing technology they are familiar with, while introducing the students to professional practices including, but not limited to, storyboarding, scouting, lighting techniques, framing, critiquing, etc.

Design I

A10

Grade 9-12

.5 Credit/Semester

Design I is a foundation class for all the advanced art classes. (Design I and Design II required) Composition, principles and elements of design, color theory, and perspective are explored in both 2-Dimensional and 3-Dimensional media and technique. Student must pass Design I before they can move on to Design II. Topics addressed include but are not limited to: drawing, painting, sculpture, ceramics, art history, architecture, print making, lettering, and mixed media. Students must supply: pencil, eraser Recommended supplies: brushes, sketchbook, black permanent markers and colored pencils.

Design II

A11

Grade 9-12

.5 Credit/Semester

Prerequisite: Design I with passing grade.

Design II builds on the principles and elements learned in Design I. These principles and elements will be explored in the areas of drawing, painting, sculpture, ceramics, art history, architecture, print making, lettering, and mixed media. Students will engage in active art critiques. Students must supply pencils and erasers. Recommended supplies: brushes, sketchbook and black permanent markers.

Art

2-D Studio

A12

Grade 10-12

1 Credit/Year

(2 Dimensional Course)

Prerequisite: Design I & II with grade of "C" or better or an "A" in Design I.

May be repeated with a grade of "C" or better.

2-D Studio expands on drawing and painting skills. The class will allow for students to further develop their artistic vision while exploring traditional and modern techniques in mark making.

Jewelry

A30

Grade 10-12

.5 Credit/Semester

(3 Dimensional Course)

Prerequisite: Design I and II with grade of "C" or better or an "A" in Design I.

This jewelry class is an introductory metals and jewelry fabrication course. Students will use copper, brass, pewter, clay, wood, enamel, glass, and paper clay to create pieces. Designs evolving through different cultures are applied in cutting, fastening, surface texture, etching, mold making and polishing. Students will be responsible for purchasing sterling silver for projects they wish to use it. Students are also supplied with tools they will be responsible for, and will have to pay for if lost or damaged.

Sculpture

A45

Grade 10-12

.5 Credit/Semester

(3 Dimensional Course)

Prerequisite: Design I and II with grade of "C" or better or an "A" in Design I.

May be repeated with instructor approval and a grade of "B" or better.

Sculpture is experimentation and creation in 3-dimensional design. Students will explore various media and techniques used in traditional and contemporary sculpture along with research of artists. Media's explored but not limited to: clay, metal, wood, paper, tape, wire, plastic, glass, mold making, found objects and plaster.

AVID

AVID 9*, 10, 11, 12
AV09, AV10, AV11, AV12
Grade 9-12
1 Credit/Year

Prerequisite: AVID application and interview; placement will be made by AVID Site Team recommendation only
Advancement Via Individual Determination (AVID) provides students with a multi-layered support system to enhance academic achievement, motivation, and preparation for college success. Students participate in academic tutorial sessions and learn strategies that enhance study skills and college preparedness. In addition to the AVID class, students are required to be enrolled concurrently in a college preparatory curriculum in the areas of English, Math, Science and Social Studies, to include honors and advanced placement courses.

*AVID 9 satisfies the Careers course requirement.

Career and Technical Education

Course	Credit	Grades	Prerequisite
<i>Freshman Academy</i>			
Freshman Careers (Freshman Seminar)	1 Credit/Yr.	9	None
Basic Computer Concepts	.5 Credit/Sem.	9	None
<i>Heal Academy</i>			
Basic Firefighting I	1 Credit/Yr.	10-12	None
Firefighting II	1 Credit/Yr.	12	Basic Firefighting I
Emergency Medical Responder	1 Credit/Yr.	11-12	None
Intro to Health Care Delivery	1 Credit/Yr.	10-12	None
Allied Health Assistant	1 Credit/Yr.	11-12	None
Medical Terminology	1 Credit/Yr.	11-12	None
Sports Medicine	1 Credit/Yr.	12	None
Farm to Table	1 Credit/Yr.	10-12	None
Veterinary and Animal Science	1 Credit/Yr.	11-12	None
<i>Create Academy</i>			
Introduction to Auto Technology & Maintenance	1 Credit/Yr.	10 - 12	None
Auto Technology II	1 Credit/Yr.	10-12	Intro to Auto Tech
Introduction to Design Engineering (CAD I)	.5 Credit/Sem.	10-12	None
Technological Design (CAD II)	1 Credit/Yr.	11-12	Introduction to Design and Orientation to Technical Careers
Engineering Design Drafting (CAD III)	1 Credit/Yr.	12	Technological Design (CAD II)
Orientation to Technical Careers	.5 Credit/Sem.	10-12	None
Residential Electric	.5 Credit/Sem.	11-12	Orientation to Technical Careers
Residential Plumbing	.5 Credit/Sem.	11-12	Orientation to Technical Careers
Industrial & Home Maintenance	1 Credit/Yr.	12	Orientation to Technical Careers, Res. Electric & Res. Plumbing

Course Name	Credit	Grades	Prerequisite
<i>Lead Academy</i>			
Intro to Law Enforcement	1 Credit/Yr.	10-12	None
Law Enforcement I	1 Credit /Yr.	11-12	None
Law Enforcement II	1 Credit/Yr.	12	Law Enforcement I
Foundations of Teaching	1 Credit/Yr.	10-12	None
Educational Methodology	1 Credit/Yr.	10-12	None
Future Educator	2 Credit/Yr.	12	See Course Description
Human Growth &Development	1 Credit/Yr.	10-12	None
Counseling & Mental Health I	1 Credit/Yr.	11-12	None
Counseling & Mental Health II	1 Credit/Yr.	12	Counseling & Mental Health I
Introduction to Business	.5 Credit/Sem	10-12	None
Business Accounting I	1 Credit/Yr.	11-12	One year orientation-level course-work in business
Marketing & Entrepreneurship I	.5 Credit/Sem.	11-12	Intro to Business or Business Accounting I
Marketing & Entrepreneurship II	1 Credit/Yr.	11-12	Marketing & Entrepreneurship
Computer Concepts and Applications I	.5 Credit/Sem.	10-12	Basic Computer Concepts
Computer Concepts and Applications II	.5 Credit/Sem.	11-12	Computer Concepts and Applica-
<i>Global Courses</i>			
Consumer Economics	.5 Credit/Sem.	12	None
Nutrition & Wellness	.5 Credit/Sem.	10-12	None
Food Science	.5 Credit/Sem.	9-12	None
Parenting	.5 Credit/Sem.	9-12	None
Child Development	.5 Credit/Sem.	9-12	None
Agricultural Business	.5 Credit/Sem.	10-12	None
Urban Agriculture	1 Credit/Yr.	9-12	None
Theatre Technology & Design	1 Credit/Yr.	10-12	None
Work Based Learning	1 Credit/Yr.	11-12	None
Work Based Learning	2 Credit/Yr.	12	None

Freshman Academy Courses

Freshman Careers

CTEC (F/S)

1 Credit/Year

The Careers course (9th grade) introduces students to the 12 career pathways and provides them with insight into their strengths, interests and abilities to help guide them to a career pathway. In order to instill strong habits, the course will also actively teach AVID based study and preparation tools that will assist students in their focus on academics.

Basic Computer Concepts

B25

.5 Credit/Semester

This course will introduce computer fundamentals to students by utilizing key applications including word processing (keyboarding included), spreadsheet, databases, and presentation software. Students will also be exposed to introductory computer coding language. Students will explore how technology is used successfully in a variety of career pathways including leadership and service, health science, technology, and skilled trade.

Heal Academy Courses

Basic Firefighting I

CTEFS (F/S)

Grade 10-12

1 Credit/Year

This class is designed to introduce students to the “essential” skills of being a firefighter. In Fire Science I students will study the fundamentals of Fire Department Organization, Fire Behavior, Self-Contained Breathing Apparatus, Ladders, Hoses and Appliances, and Pumps. Safety surrounding these core areas will also be discussed. This course begins to lay the foundation for starting a career in the fire service.

Firefighting II

Fire2 (F/S)

Grade 12

1 Credit/Year

Prerequisite: Basic Firefighting I

Fire Science II is the second class of a series of firefighting skills and "hands-on" activities building on the hose, ladders and breathing apparatus skills of Fire Science I. Against a background of Fire Scene Operations, the class focuses on fire attack techniques, ventilation and forcible entry with instruction on the proper use of the tools of the trade. Emphasis is placed on the safety skills with the self-contained breathing apparatus (SCBA), fire service ladders, small-tools and hose evolutions rounding out this offering

Emergency Medical Responder

CTEEM (F/S)

Grade 11-12

1 Credit/Year

The Emergency Medical Responder course prepares the EMR student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the prehospital setting.

Intro to Health Care Delivery

CTEIC (F/S)

Grade 10-12

1 Credit/Year

This course will provide students with an overview of the health care field with a focus on health care related knowledge and skills. Topics will include an overview of health care delivery, patient care, use of medical terminology and ethical and legal responsibilities.

Allied Health Assistant

CTEAH (F/S)

Grade 11-12

1 Credit/Year

This course builds on the competencies developed in the Health Occupations Introductory Skills course. Students will develop cognitive and effective skills and formulate a strong foundation for advanced skill level development. The course provides a sequence of organized learning experiences and skills to prepare a person to recognize the signs and the symptoms of illness, injury, and disease. To determine the appropriate primary, secondary and tertiary care; to begin the approved and appropriate life-support procedures, such as first aid and cardiopulmonary resuscitation (CPR); to communicate effectively with healthcare personnel and patients; and to properly document health care delivery procedures and outcomes. The course should include skills to prepare the student for an allied health occupation.

Medical Terminology (FHS)

CTEMT (F/S)

Grade 11-12

1 Credit/Year

Medical Terminology course students learn how to identify medical terms by analyzing their components. This course emphasizes defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

Sports Medicine

CTESM (F/S)

Grade 12

1 Credit/Year

Sports Medicine course introduces students to the basic principles and techniques for the prevention, recognition, treatment, and rehabilitation of common injuries and illnesses. Students may learn to measure cardiorespiratory endurance, muscular strength and endurance, flexibility, body composition, and blood pressure. Topics covered may include taping and bandaging, proper use of protective padding, treatment modalities, medical terminology, budgeting, and ordering supplies, as well as general operation of a training room facility. More advanced topics may include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes.

Farm to Table

AG40 (F/S)

Grade 10-12

1 Credit/Year

Prerequisite: None

This is an introductory course that focuses on the scientific, health, and environmental aspects of agriculture, food, and natural resources. Through the study of animal science, plant science, food science, and environmental science, students will engage with current biological research in order to understand the intricacies of our food and fiber system. Participation in FFA student organization activities is an optional component for leadership development, career exploration, and reinforcement of academic concepts. Students who enroll in any agriculture course will have the opportunity to apply for a job working at the Student Vegetable Farm and Orchard during the growing season. **Note: This is not a cooking class.**

Veterinary and Animal Science

AG20 (F/S)

Grade 11-12

1 Credit/Year

Calling all animal lovers! Students enrolled in this course will learn skills required for careers as veterinarians, zoologists, livestock producers, and animal care takers. Topics of study include animal anatomy, physiology, behavior, nutrition, reproduction, genetics, health, selection, and care. Participation in FFA student organization activities is an optional component for leadership development, career exploration, and reinforcement of academic concepts. Students who enroll in any agriculture course will have the opportunity to apply for a job working at the Student Farm and Orchard during the growing season. **This course has a dual credit option through Highland Community College.**

Create Academy Courses

Introduction to Auto Technology & Maintenance

I30 (F/S)

Grade 10-12

1 Credit/Year

This year long course is designed primarily to give students a basic working knowledge of electrical and mechanical components of the automobile and small gas engines. This course will also include employability characteristics, shop management basics, exploration of other job opportunities within the transportation industries, maintenance procedures, proper tool usage and safety/environmental studies, with the goal to prepare students for the next level of classes. Students will be given for homework periodically. Pass Safety* test with 100% score before being allowed to work in the lab.

Auto Technology II

I31 (F/S)

Grade 10-12

1 Credit/Year

Prerequisite: Passed both semesters of Introduction to Auto Technology & Maintenance

This course is designed for students that have passed Intro to Auto and will prepare them for advanced instruction and diagnostics in the Careers in Automotive Technology Service (C.A.T.S) course. Students will learn to test and repair basic automotive electrical, braking and fuel systems, chassis control, and service management skills. Additionally, students will learn the diagnostic tools required for testing each of these systems.

Note: Students must first pass a Safety Test within two weeks of the course start date (students who fail to pass may be subject to course removal.)

Intro to Design Engineering (CAD I)

I41

Grade 10-12

.5 Credit/Semester

Prerequisite: Successful completion of Integrated Math I.

Introduction to Design Drafting is a semester-long course that teaches students the fundamentals of computer-aided drafting (CAD) necessary for pursuing a career in architecture, engineering, product design, construction trades, machining and/or other technological fields. During the first semester, students learn the language of industry and how to apply the language to read, interpret, and produce basic technical drawings. Skills taught include measurement, lettering, line type identification, geometric terminology, and geometric construction techniques necessary to produce 2D mechanical drawings. The second nine weeks will focus on architecture and construction trades. Students will design and build a structure using both AutoCAD and Revit with considerable time spent on how buildings are constructed with hands-on projects outside the digital design environment. **Note: This is a technology/pre-engineering class, NOT art and design class.**

Technological Design (CAD II)

I22 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Successfully pass Intro to Design Engineering (CAD I) and Orientation to Technical Careers

Design Drafting II will place emphasis on learning and experiencing both architectural and mechanical engineering careers, drawing techniques, and drawing platforms/applications. Mechanical course content will require students to utilize both 2D and 3D CAD/CAM software applications to develop and construct advanced mechanical components. Software will permit students to design, analyze, and evaluate designed parts. Emphasis will be placed on the development of parts for manufacture, related terminology, presentation, and prototyping. To extend learning, students will have the opportunity to take 2D and/or 3D mechanical CAD designs and create real parts on the classroom CNC mill and/or 3D printer. Students will learn about machine safety, terminology, programming, tool selection, and work holding. This is a real world application of the design and engineering process and provides a link to occupational skills and careers found within our local community. Architectural course content includes instruction on the residential construction, architectural drafting techniques, room/area design, and related terminology. After learning the basics of residential construction, students will finish the architectural unit by participating in the American Institute of Architects (AIA) regional design completion. Project guidelines, architect mentors, and details are provided to each school by the AIA. Several scholarships are awarded each year for top student projects.

Engineering Design Drafting (CAD III)

I23 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Successfully pass Technological Design (CAD II)

In this course, students explore drafting & engineering related content and professional practices presented through practical applications. Students in engineering teams apply technology, science, and mathematics' concepts and skills to solve engineering design problems and innovative designs. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Students will learn to use and apply knowledge of 2D and/or 3D engineering and design software, milling machine, 3D printer, and other technical tools to solve real world problems within a mechanical design and pre-engineering classroom environment. Creatively, innovation, problem solving, attention to detail, and a desire to learn and explore are traits necessary to be successful!

Orientation to Technical Careers

I29

Grade 10-12

.5 Credit/Semester

Orientation to Technical Careers is a semester long course that introduces students to the four major areas of technology. These areas include: Communication, Energy, Production and Transportation. These areas will provide a basis for students to choose courses that will lead them into the career of their choice. Students will gain a basic knowledge about construction, plumbing, wiring, measurement, shop safety, automotive and small engine basics, tool identification and drafting.

There is zero tolerance for damage to the lab equipment.

Residential Electric

I61

Grade 11-12

.5 Credit/Semester

Prerequisite: Successful completion of Orientation to Technical Careers

Residential Electrical course provides a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electrical field. This course includes AC and DC circuitry, safety, the National Electrical Code and may cover such skills as those involved in building circuits: wiring residential, installing lighting, power circuits and cables.

Residential Plumbing

I51

Grade 11-12

.5 Credit/Semester

Prerequisite: Successful completion of Orientation to Technical Careers

Residential Plumbing is an introductory level course designed to accustom students with the basics of plumbing. Tasks introduced in this course include classroom safety, estimating costs of jobs, joining copper tubing, installing hangers and support, roughing in water supply lines for bathtubs, toilets and water heaters, maintaining plumbing systems, using manuals to determine maintenance schedules, brazing pipes, joining pipes of dissimilar material with a variety of couplings, building water distribution line, and installing drains and vents.

Industrial & Home Maintenance w/ Blueprint Reading

IHM (F/S)

Grade 12

1 Credit/Year

Prerequisite: Orientation to Technical Careers, Residential Plumbing and Residential Electric

Students learn and develop safe work habits in the areas of industrial and home maintenance. All areas will include applied mathematics, precision measurement and blueprint reading. Industrial maintenance instruction will include; electrical wiring, basic welding and metal working, and scaffolding. Home maintenance instruction will include; residential electrical wiring, plumbing, cabinet and fixture installation and finish carpentry work. Students will be required to successfully pass and demonstrate proper safety techniques and procedures for all applicable areas and equipment. Another important feature of this course includes guest speakers, off site tours and opportunities to explore and research material/part identification, ordering and budgeting of projects.

Lead Academy Courses

Intro to Law Enforcement

CTELE (F/S)

Grade 10-12

1 Credit/Year

This course is designed to prepare students to understand and apply the principles and procedures essential to the U.S. justice system. Instruction on the history of law enforcement and the legal system, report writing and record keeping, criminal investigation techniques, and routine police procedures. Students will learn the basics of law enforcement and have the opportunity to use basic policing equipment and techniques.

Law Enforcement I

CTELW (F/S)

Grade 11-12

1 Credit/Year

This course is designed to prepare students to understand and apply the principles and procedures essential to the U.S. justice system. Instruction on the history of law enforcement and the legal system, report writing and record keeping, criminal investigation techniques, and routine police procedures. Students will learn the basics of law enforcement and have the opportunity to use basic policing equipment and techniques.

Law Enforcement II

CTELA (F/S)

Grade 12

1 Credit/Year

Prerequisite: Law Enforcement I

This course provides experiences for students in basic investigative techniques for crimes against people and property. Learning activities emphasize the development of more advanced knowledge and skill than those provided in Law Enforcement I. Units of instruction include how to conduct a preliminary investigation and protect a crime scene, collect and preserve physical evidence including dusting latent prints, casting, fingerprint classification, and the use of portable crime lab equipment. Students learn how to conduct interviews, complete police reports, use police equipment, and testify in court. Instruction also includes traffic control, personal security, and law enforcement administration.

Foundations of Teaching

CTEFT (F/S)

Grade 10-12

1 Credit/Year

This course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. The course utilizes a textbook and curriculum that is designed to help students decide if they want to pursue a career in education. The course requires students to visit and participate in classrooms throughout the district to observe teachers and students in educational settings. This occurs approximately four times per quarter and is a key element of the course.

Educational Methodology

CTEMD (F/S)

Grade 10-12

1 Credit/Year

This course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. Students will observe and assist in classrooms in other FSD145 schools, which will account for a major portion of each semester grade. Students will explore equity, cultural competence, collaborative learning, student engagement, lesson planning, and more.

Future Educator

CTEFW (F/S)

Grade 12

2 Credit/Year

Prerequisite: Students with desire to be a competent/professional representation of FHS in the public work force.

Twelfth grade students are eligible to complete a year long field experience at one of our elementary or middle schools, under the supervision of FSD145 teachers. Students will first engage in teaching methodologies and expectations and then will be assigned to a mentor teacher. Regular observations in their work environment accompanied by regular meetings with FHS campus staff will guide interested future teachers to a strong field experience.

Human Growth & Development

CTEHD (F/S)

Grade 10-12

1 Credit/Year

This course focuses on the development and wellness of individuals and their families throughout the life cycle. Topics include human development and wellness theories, roles and responsibilities and functions of families, family members and caregivers, family issues, stressors, ethics, neglect and abuse, caregiver care, and individual and family wellness.

Counseling & Mental Health I

CTECM (F/S)

Grade 11-12

1 Credit/Year

Counseling and Mental Health courses provide students with the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. These courses allow students to apply their knowledge of ethical and legal responsibilities, the limitations of these responsibilities, and the implications of their actions.

Counseling & Mental Health II

CTEMH (F/S)

Grade 12

1 Credit/Year

Prerequisite: Counseling & Mental Health I

Counseling and Mental Health II provides students with information regarding the personnel and agencies concerned with protection of the home, city, state and nation. Topics covered include disaster preparedness, crime prevention, pollution control, legal and social systems and principles, and public health.

Business Accounting I

B22 (F/S)

Grade 11-12

1 Credit/Year

***Sophomores with recommendation or instructors approval.**

Prerequisite: One year orientation-level coursework in business

Fee: Approx. \$30.00 for two workbooks and one practice set. There is a course fee payable by student.

Students will be introduced to the fundamental accounting principles and procedures related to payroll transactions for businesses, including wages, social security taxes, income tax withholding, and unemployment taxes, all while providing students with experience in preparing all the necessary monthly, quarterly, and annual reports. Students will also be introduced to the concepts of manufacturing systems, including profit planning and control programs.

Intro to Business**B53****Grade 10-12****.5 Credit/Semester****Prerequisite: None**

This course introduces students to the nature of business and entrepreneurship as the vehicle for making money by creating wealth and producing goods and services for a profit in a free enterprise economy. Emphasis is on different forms of business organizations including sole proprietorships, partnerships, corporations, joint ventures and not-for-profit enterprises. Other topics include the environment of business, globalization, e-business and Internet as they affect national and international trade. A comparison is made between entrepreneurs/corporate entrepreneurs who work for companies. Ethics in management and reporting of business performance to stakeholders are emphasized throughout the course.

Marketing and Entrepreneurship I**B36 (F/S)****Grade 11-12****.5 Credit/Semester****Prerequisite: Intro to Business or Accounting**

This course is designed to get students excited about specific functions within the business world. Marketing and entrepreneurship are the foundation of a free market system. The class is designed to familiarize students with the techniques used in marketing and how entrepreneurs use marketing to promote, maintain, and expand their market share.

Marketing and Entrepreneurship II**Grade****1 Credit/Year****Prerequisite: Marketing and Entrepreneurship I**

This course is designed to get students excited about becoming true entrepreneurs by giving them the opportunity to create and fully develop their own product or service. Over the course of the school year, students will have access to a network of professionals including real-world entrepreneurs and business experts guiding student teams through the process of ideation, market research, promotion, accounting, business plan development, and the legal aspects of starting a business; reinforcing student development of teamwork, problem-solving, presentation, and communication skills for college and career readiness.

Computer Concepts and Applications I**B50****Grade 10-12****.5 Credit/Semester****Dual Credit—Students can receive two Highland Community College credits at no cost to students.****Prerequisite: Basic Computer Concepts**

This course is designed to develop personal keyboarding skills and to prepare students interested in pursuing career options where creating professional word documents will play an important role on the job. Students review basic formatting from Basic Computer Concepts and develop additional skills in formatting, and document preparation using Microsoft Word. Students will also become proficient in the creation of spreadsheets using Excel. Students will create Excel documents that contain formulas, charts and pictures.

Computer Concepts and Applications II**B51****Grade 10-12****.5 Credit/Semester****Dual Credit—Students can receive two Highland Community College credits at no cost to students.****Prerequisite: Successful completion of Computer Concepts and Applications I**

Computer Concepts and Applications II is an orientation-level course designed to develop an awareness and understanding of software applications used in business technology careers. This class serves as the introductory course to Windows based applications. Students will develop employability and transition skills while learning to effectively utilize an integrated software programs, Power Point. Students will apply skills learned while developing classroom projects.

Global CTE Courses

Consumer Economics

B20

Grade 12

.5 Credit/Semester

Prerequisite: None

This course incorporates concepts and knowledge needed to help students deal with and become part of the contemporary world in our global economy. Topics covered include economic environment, business and government in the global economy, consumers in the economy, financial institutions and banking services, credit in the economy, savings and investment strategies and risk management. **This course fulfills state graduation requirements for consumer education.**

Nutrition & Wellness

CTENUT

Grade 10-12

.5 Credit/Semester

This course will concentrate on expanding student's knowledge and experiences with nutrition concepts, food sciences, and healthy lifestyles using a Foods Lab. Nutritional analysis, nutrient functions, food allergies, diet and disease, and nutritional decision making will be emphasized.

Food Science

AG41

Grade 9-12

.5 Credit/Semester

Students will study the science and nutrition of food by learning basic food chemistry, analyzing food content, exploring food safety and technology, and by performing sensory evaluations of food. In addition, students will learn the role of nutrition in human health and wellness. Careers in food science will also be explored. Participation in FFA student organization activities is an optional component for leadership development, career exploration, and reinforcement of academic concepts. Students who enroll in any agriculture course will have the opportunity to apply for a job working at the Student Vegetable Farm and Orchard during the growing season. **Note: This is not a cooking class.**

Agricultural Business

AG42

Grade 10-12

.5 Credit/Semester

This course introduces business concepts such as record keeping, banking and finance, the role of government/USDA in agricultural business, consumerism trends, basics of credit, investment, and management. Students will also be exposed to a brief overview of the American Agricultural economic system, cooperatives and corporate organizations.

Parenting

HC20

Grade 10-12

.5 Credit/Semester

Prerequisite: Child Development

This course is designed to help students understand the responsibilities, satisfaction, stresses and the impact of parenthood. Many types of parenting situations are examined. The course content includes the following: decision making in the areas of sex education, preparation for parenthood, prenatal care, and childbirth and evaluating the impact of the family and career changes in parenting. Special attention is given to the importance of readiness for parenthood. Students will be responsible caring for a simulated baby.

Child Development

HC90

Grade 10-12

.5 Credit/Semester

This course provides information on prenatal development, from conception to birth, including labor and delivery. The course emphasizes learning experiences that help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children from conception through adolescence. The course applies decision making and goal-setting skills; promotes child development by applying physical, social, intellectual, and emotional principles; practices health and safety standards for children; provides experiences which encourage children to maximize resources; encourages human relations skills to children; and evaluates family career changes in relation to impact on children. Information related to careers in child care is incorporated throughout the course. This course can be used as a prerequisite for Early Childhood Education I, Relationships/Adult Living, Housing and Living Environments, Independent Living/Resource Management and Parenting.

Urban Agriculture

AG30 (F/S)

Grade 9-12

1 Credit/Year

Strawberries, raspberries, blueberries, watermelon, asparagus, tomatoes, potatoes, beans, peas, eggplants, pumpkins, carrots, and popcorn! Learn the science of food crop production! This course will teach students about fruit and vegetable crop production in Northern Illinois. Students will receive hands on instruction on our Student Vegetable Farm and Orchard. Topics of study include plant classification, plant form and function, plant growth requirements, and post-harvest handling and storage of fruits and vegetables. Participation in FFA student organization activities is an optional component for leadership development, career exploration, and reinforcement of academic concepts. Students who enroll in any agriculture course will have the opportunity to apply for a job working at the Student Vegetable Farm and Orchard during the growing season.

Theatre Technology & Design

I71 (F/S)

Grade 10-12 *Grade 9 with instructor approval only

1 Credit/Year

This course is designed for students who are interested in technical aspects of theatre. Students will learn about and develop skills in stagecraft, and in scenic, sound and lighting design. The course will focus on specialized design and construction in collaboration with school productions. The course will involve practical, hands on projects, and design work. The course is structured to accommodate students with varying degrees of production experience.

Work Based Learning

CTEW (F/S) & CTEWB (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Students with a desire to be a competent/professional representative of FHS in the local workforce.

This course is designed to provide students with on-the-job work experience. The program involves two phases: curriculum completion and on-the-job training. The curriculum is designed to support the student in their on work experience and includes basic and social skills, employability skills, economics and specialized topics related to the student's career choice. Students must work a minimum of 10 hours per week. The student's job performance will be evaluated by the employer once a semester. Job placement is the responsibility of the student, with the instructor's support.

- Juniors (.5 credit each semester, 1 credit per year)
- Seniors (1 credit each semester, 2 credits per year if enrolled for two blocks)
- Students are required to submit a weekly timesheet to the instructor.
- If the actual internship or job provides students with direct instruction as preparation for a future major/career that fits a program offered by Highland Community College, then students qualify for dual credit. OCED 290 awarded to the specific program and not as a general HCC elective. HCC will create a specific list of programs that correspond with this dual credit opportunity. Students may still take the Work-Based Learning class for Freeport High School credit if the job doesn't provide direct instruction or if the field they are in isn't offered by HCC. (Example: A student has a job at Sullivan's bagging groceries.) Students can earn .5 credits per semester if they reach a minimum of 75 hours. (75 hours per semester = .5 credits)

This type of work-based learning experience is not affiliated with HCC.



COURSE OFFERINGS 2021- 2022

CAREERTEC programs explore content through real world application and work based learning experiences, including job shadows, guest speakers, internships, and dual credit, enabling pathways to certifications, degrees, and careers. Students must have credits indicating they are of junior or senior status when starting any program except NJROTC, which is for 9-12th graders.

Students are required to meet with the course instructor before acceptance into these specific programs:

Health Occupations (HOYA)
Careers in Business (CIB)
Computer Information Systems (CIS)
Cosmetology I & Nail Tech
Culinary Occupations I

Students can apply for a CareerTEC class with our online application: https://docs.google.com/forms/d/e/1FAIpQLSdi4PBQ8RoW0WC67_Zn6iJRS2HKysel3fMxJibZndqq4KaQAg/viewform then register through their counselor at their local schools.

Program acceptance is based on student interest, attendance record, and grade point average of 2.0 or higher.

Students must be registered by **April 1st** to be a guaranteed student, however applications will be accepted beyond April 1st if seats are available, with instructor approval if applicable.

Highland Community College in conjunction with CAREERTEC offers dual credit opportunities for most programs, as noted in course descriptions.

ATTENDANCE

Students are expected to be in attendance according to each course location's calendar. Locations for each program listed below and in descriptions. Start dates can be found at www.careertec-il.org.

Classes held at FHS, St. John, PCK and Construction Site follow the **CAREERTEC calendar**.

- Careers in Auto Technology (CATS)
- Careers in Business (CIB)
- Computer Information Systems (CIS)
- Construction Trades
- Culinary Occupations
- Graphic Design
- Health Occupations (HOYA)
- NJROTC

Classes held at Highland Community College (HCC), taught by HCC staff, follow the **HCC Calendar**.

- Agricultural Mechanics & Technology
- Auto Mechanics HCC
- Cosmetology
- Nail Tech
- Criminal Justice
- Early Childhood Education (ECE)
- Industrial Technologies

FEES

- FEES for participation in all CAREERTEC programs are listed within each course description & are subject to change.
- All CAREERTEC required FEES are to be paid by student/parent at home schools during local school registration.
- All Highland required FEES are to be paid by the student/parent at the Highland business office before the first day of class, **student must be registered as a HCC student before these fees can be paid.**

Applications for FEE WAIVERS are available at the local school.

They must be completed and submitted DURING REGISTRATION AT THE LOCAL SCHOOL.

Aquin students can take any CAREERTEC class and need to register as a part-time student with their local public school district in accordance with their tuition payment agreement.

BOOKS

(All prices are approximate and are subject to change)

- Information regarding books will be mailed to students during the summer
- MOST Highland classes require book purchase by the student
- Some dual credit classes at St. John require book purchase by the student



AGRICULTURAL MECHANICS & TECHNOLOGY (CTAM F/S)

Level: 11th-12th grade

Class Location: Highland Community College, Freeport

Time/Day: 1:00-2:30 pm, Mon-Thurs

2 credits/year (2 periods)

Post Sec. Credit: HCC– Dual credit *7 credits**

HCC fees: \$310

Textbook fees: Provided through Moodle or online platform

Calendar: This course follows HCC calendar



Agricultural Mechanics and Technology is a foundational course in the Agricultural Mechanics and Precision Technology degree programs at Highland Community College. This laboratory course will focus on agricultural mechanics in the first semester and precision agriculture technology in the second semester. The first semester of the course will cover topics in agricultural power and machinery, soil and water conservation systems, agricultural electrification, and agricultural post-frame construction. The second semester of the course will focus on the use of Global Positioning Systems (GPS), Geographic Information Systems (GIS), remote sensing, variable rate applications (VRT), and unmanned aerial systems (UAS) in agricultural applications. Students will complete weekly laboratory activities working with small engines, electrical circuits, post-frame construction, land surveying, drone applications, and the implementation of technology in various areas of agriculture. Dual Credit at HCC: AGRI 182 and AGOC 287

All accepted students will attend a mandatory orientation meeting prior to the start of classes. All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

CAREERS IN AUTO TECHNOLOGY & SERVICE I (CATS) (20104A001) CTAT1 F/S)

Level: 11th-12th grade

Location: Freeport High School, Freeport

Time/Day: 7:30-9:00 a.m., Mon.-Fri.

2 credits/year (2 periods)

Prerequisite: 9th grade reading comprehension level. 8th grade math skills level. Successfully passing Intro to Auto or instructor approval (placement test)

CareerTec fees: \$40 (include lab fees, workbook, and one issuance of eye protection, to be paid by student/parent at High School registration.

Calendar: This course follows the CareerTec calendar

This course is a must for students with a desire to learn more about Auto Technology at an intermediate level. Working in the auto industry today is a big challenge. By developing entry-level diagnostic abilities (problem based learning) the student will learn how and why a part or system works or doesn't work. Learning things by trial and error is inadequate and very time consuming; classroom assignments and lab activities are taught daily with problem based situations being presented and solved using math, common sense, mechanical aptitude, and written documentation by the students. Units covered are: lighting systems, starting and charging, suspension and steering, tires and brakes systems, application of precision electrical and mechanical measuring devices, engine disassembly and inspection, vehicle inspection and maintenance, fuel system delivery service and advanced fuel, ignition, and control systems for small engines.

Each student will be required to do class work which will consist of a workbook and text assignments along with the corresponding shop exercise in the required time frame. Each unit must be passed with a minimum proficiency level of 78%. Personal responsibility, professionalism along with workplace skills are stressed and graded in this course. The program requires students to be able to pass safety tests (w/100%) and procedures studied in the class and shop. Correct use of tools and equipment are studied and developed. Students will have the opportunity to participate in job shadowing and field trips based upon attendance and completed assignments. Participation as a coordinated interactive work team is stressed as students will be required to do managerial, customer relation, and use information technology regularly as it is applied to the automotive service industry. This course provides knowledge and experience to continue into the second year of this program which requires independent study.

CAREERS IN AUTO TECHNOLOGY & SERVICE II (CATS II) (20104A002) (CTAT2 F/S)

Level: 12th grade

Location: Freeport High School, Freeport

Time/Day: 7:30-9:00 a.m., Mon-Fri.

2 credits/year (2 periods)

Prerequisite: Completion of Careers in Auto Technology I with C or better and 95% attendance

CareerTec fees: \$40 (includes lab fees, workbook, and one issuance of eye protection), to be paid by student/parent at High School during registration

Calendar: This course follows the CareerTec calendar

Other: Students are required to provide their own standard metric 1/4 drive socket sets and screw drives, to be kept on site before being allowed to work in the lab.

This course is for students in 12th grade that have passed the first level the previous year. They will be required to perform specific repair and maintenance procedures on lab and live vehicles. These procedures will include writing invoices, performing the work, accessing needed repair information, and proving the repair fixed the problem. Assignments and lab activities are taught and applied on a regular basis within this course. In this level they will take the concepts learned the previous year and apply them regularly to develop proficiency for entering post-secondary education or the workforce. Students will have the opportunity to participate in job shadowing and field trips in this program based upon attendance and completed assignments. Workplace skills are taught in class and practiced at prospective places of employment and job shadowing sites. Units covered are: Safety (100% passing grade requirement), review of level 1 curriculum, reconstruction of vehicle systems as a working lab model and use of computers for documentation and recording. Systems not covered previously such as welding, axles, clutches are also part of this course. I.C.E., E.V. (internal combustion, electric and alternatively fueled) are included. Each unit must be passed with a minimum proficiency level of 78%.

CAREERS IN BUSINESS (CIB) (12053A001) YEAR I (CTBU1)



Level: 11th-12th grade

Location: St. John Church, Freeport

Time: 1:00-2:30 p.m., Mon.-Fri.

2 credits/year (2 periods)

Post Sec. Credit: Highland community College– Dual Credit **9 credits

Prerequisites: Meeting with instructor , minimum GPA, good attendance, and business/computer orientation class (if offered), are required for acceptance into this program

CareerTec fees: \$25, to be paid by student/parent at High School during registration

Textbook fees: <\$50

Calendar: This course follows the CareerTec calendar

Careers in Business (CIB) is a two-year program offering 12 dual credits (college credit) during year one and introduces a variety of business concepts and applications. Additionally, job shadowing opportunities, guest speakers and field trips reinforce the areas students have studied within the business career clusters.

Curriculum:

- Personal Finance
- Investing & Saving
- Banking & Credit
- Communication Skills
- Business Presentations & Writing
- Problem Solving
- College Exploration & Career Planning
- Resume and Interviewing Skills
- Microsoft Word, Excel and PowerPoint
- Stock Market Game
- Job Shadowing
- Guest Speakers
- Business Related Field Trips

Dual Credit Business Courses:

- Business Communications BUSN141
- Math of Business BUSN125
- Microsoft Excel INFT 140
- Microsoft Word INFT131
- Microsoft PowerPoint INFT135

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

CAREERS IN BUSINESS II (CIB) (22153A001) (CTUB2)

Level: 12th grade

Location: Internship Sites

Time: 8 hours weekly; schedules determined by instructor, student and mentor

2 credits/year (2 periods)

Post Sec. Credit: Highland Community College,–Dual Credit **1-4 credits

Prerequisites: Completion of CIB year 1 with C or better and 95% attendance

HCC fees: \$ 15 registration fee per school year, to be paid by student/parent at HCC

Calendar: This course follows the Career Tec calendar

CIB I as a junior may continue for a second year (pending successful completion of year one) and participate in an internship where they gain valuable experience outside of the classroom setting. Transportation to and from the internship placement is the responsibility of the intern.

COMPUTER INFORMATION SYSTEMS I (CIS) (10102A001) (CTCIS1)



Level: 11th-12th grade

Location: St. John Church, Freeport

Time: 7:30-9:00 a.m., 9:35-11:05 a.m., & 1:00-2:30 p.m., Mon-Fri.

2 credits/year (2 periods)

Post Sec. Credit: Highland Community College– Dual Credit ** 6 credits

Prerequisites: Business/Computer orientation class, if offered. Completed application and meeting with instructor required for acceptance into this program

CareerTec fees: \$235, to be paid by student/parent at High School during registration

HCC fees: \$30 registration fee per school year, to be paid by student/parent at HCC

Textbook fees: NO (provided through coursework software/materials)

Optional fees: Student is responsible for any certification testing fees

Calendar: This course follows the CareerTec calendar

CIS I prepares the student to be able to identify every component in as well as disassemble and reassemble troubleshoot computers. Students will set up operational and security procedures. The student will learn how to configure and troubleshoot Windows and Linux operating systems. The student will install, upgrade, or repair microcomputers, peripheral devices, including but not limited to Raspberry Pi and Nvidia Jetson Nano devices. In addition, the student will be introduced to the Cisco Networking Academy, Packet Tracer and Cyber Security. Successful completion of this course will allow students the opportunity to test for A+ certification. Dual credits at HCC: INFT 182: Microcomputer Hardware, INFT 282: A+.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

COMPUTER INFORMATION SYSTEMS II (CIS) (10102A002) (CTCIS2)

Level: 12th grade

Location: St. John Church, Freeport

Time: 7:30-9:00 a.m., 9:35-11:05 a.m., & 1:00-2:30 p.m., Mon-Fri.

2 credits/year (2 periods)

Post Sec. Credit: Highland Community College– Dual Credit ** approximately 6 –8 credits

Prerequisites: Completion of CIS I with C or better and 95% attendance. Completed application and meeting with instructor required for acceptance into this program

CareerTec fees: \$235, to be paid by student/parent at High School during registration

HCC fees: \$30 registration fee per school year, to be paid by student/parent at HCC

Textbook fees: NO (provided through coursework software/materials)

Optional fees: Student is responsible for any certification testing fees

Calendar: This course follows the CareerTec calendar

CIS II provides a combination of academics and workplace skills that move a student toward further experiences in the computer field and the optional opportunity to pass industry recognized certification exams. Class activities and hands-on laboratories include Cisco Networking Academy and Packet Tracer. Coding, Cyber Security, Networking +, and Workplace Experience will provide students foundational skills needed to install, operate, manage, maintain, and troubleshoot networks. Introduction to design principles and implementation of systems languages. Topics include syntax, data types, control structures, and storage management. Integrated Development Environments and Object Oriented Programming will be introduced. Languages may change depending on what is currently in demand. Opportunity at local employers to apply learned skills. Dual credits at HCC: SPTP 295: Coding Essentials, INFT 284: Net +, and OCED 290: Workplace Experience. Successful completion of this course will allow students the opportunity to test for Net+ certification.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

CONSTRUCTION TRADES I (17002A001) (CTCT1)



Level: 11th-12th grade

Location: Freeport High School/ Construction Site

Time: 7:30-9:00 a.m. Mon-Fri.

2 credits/year (2 periods)

Prerequisites: Knowledge of fractions and decimals

Calendar: This course follows the CareerTec calendar

Learn to build and/or remodel a house! Construction Trades Youth Apprenticeship Year I provides introductory on-site construction skills to students interested in the building industry, from laborer to architect. Students construct a family housing unit from foundation to roof or smaller units demonstrating the same building techniques, after receiving safety and construction instruction in a classroom site. Construction careers explored include: carpenter, electrician, plumber, heating, and air conditioning technician, dry-walling, construction technician as well as manager and architect. With the support of area industries this course is an important first step toward success within the construction trades industry. Opportunity to earn OSHA 10-hour General Industry certification.

CONSTRUCTION TRADES II (17002A002) (CTCT2)

Level: 12th grade

Location: Freeport High School/ Construction Site

Time: 7:30-9:00 a.m. Mon-Fri.

2 credits/year (2 periods)

Prerequisites: Successful completion of CTYA I with a C or above and 95% attendance

Calendar: This course follows the CareerTec calendar

Students continue in the hands-on-program described in year I to learn more advanced skills used in the construction trades industry and possibly become a foreman on the Construction Trades job site.

Opportunity to earn OSHA 10-hour Construction certification.

COSMETOLOGY I (COSMO I) (19101A001) (CTCO1)



Level: 11th-12^h grade

Location: Highland Community College, Freeport

Time: 7:30-9:00 a.m., Mon-Fri

2 credits/year (2 periods)

HCC Credit: Highland Community College– Dual Credit ** 6 credits

Prerequisites: 8th grade reading level and meeting with instructor required for acceptance into this program.

HCC fees: \$750-\$757 (\$80 uniform and shoes, \$30-\$37 uniform smock, \$250 basic student kit and \$120 course fee, \$240 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC

Textbook fees: Approximately \$300 textbook bundle and study guide

Calendar: This class follow the HCC calendar

Students will identify safety and decontamination procedures required for safety and sanitary customers services in the cosmetology industry. Students will identify hair anatomy and disorders as well as perform shampooing and conditioning the hair and scalp. Students will identify and demonstrate skills in basic hair design such as finger waving, pin curls and rollers. Students will perform basic lab services on mannequins and clientele.

Course content covers COSM 121.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

COSMETOLOGY II (COSMO II) (19101A002) (CTCO2)



Level: 12^h grade

Location: Highland Community College, Freeport

Time: 1:00-2:30 p.m., Mon-Fri

2 credits/year (2 periods)

Post Sec Credit: Highland Community College– Dual Credit ** 6 credits

Prerequisites: Completion of Cosmetology I with a C or better and 95% attendance rate

HCC fees: \$390 (\$120 course fee, \$240 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC

Textbook fees: Use book from year 1

Calendar: This class follow the HCC calendar

Students will demonstrate skill in thermal pressing. Students will learn and demonstrate various braiding techniques. Students will understand the communication on client consultations. Students will learn and perform manicuring and pedicuring. Students will identify different hair cutting strategies and will perform various haircuts on men, women and children. Course content covers COSM 122.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

CRIMINAL JUSTICE (04165A001 & 15051A003) (CTCJ S/F)



Level: 11th - 12th grade

Location: Highland Community College, Freeport

Time: 7:30-9: a.m., Mon-.Thur.

2 credits/year (2 periods)

Post Sec Credit: Highland Community College– Dual Credit ** 12 credits

HCC fees: \$510 (\$480 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC

Textbook fees: \$500-\$725

Calendar: This class follow the HCC calendar

The Criminal Justice program will provide foundational courses for a variety of career pathways including: law enforcement, crime scene investigators, corrections, lawyers, probation and parole officers, security, parks and wildlife, and social work. Course content will include overview and history of institutions, correctional systems, practices, and issues related to criminal justice. Course content will also focus on principles and functions of crime, acts, mental state, criminal liability, juvenile delinquency, information systems, and criminological theories throughout history to present day. Topics will also include current trends in U.S. crime rates; patterns of victimization; characteristics of property crimes, violent crimes, substance abuse, and corporate crimes. Students will also be introduced to the topics of cybercrime and cyber security. Dual Credit at HCC: CJS 101, CJS 102, CJS 103 and INFT 180.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

CRIMINAL JUSTICE II (04162A001) (CTCJ2 F/S)

Level:12th grade

Location: Highland Community College, Freeport

Time: 1-2:30 p.m., Mon. & Wed. Some courses may be offered online

2 credits/year (2 periods)

Post Sec Credit: Highland Community College– Dual Credit **7-10 credits

HCC fees

The Criminal Justice II program offers an opportunity to study and examine criminology two days a week in the fall. Criminology is the subfield of sociology that focuses upon crime, law, and social control within the context of social organization and culture. Additionally, two days a week in the fall will focus on independent work toward Physical Fitness 1 and an 8-week online course of First Aid, required courses for degree programs. Second semester. students will focus on the topic of juvenile justice. Students will develop an understanding of the history of the special social category of juvenile delinquency and the dispensing of juvenile justice in the United States. The evolution of theories and dominant social conceptions are then correlated with practical police, judiciary, and correctional practice. The second spring term course will introduce students to criminal law as an elective course for Criminal Justice certificate, degree and/or transfer program.

This course will analyze the principles and functionalities of substantive criminal law, including elements of a crime, acts, mental state, attendant circumstances, and criminal liability. This course will include evaluation and analysis of crimes against property, habitation, public order, and crimes against persons, and more special consideration is given to the criminal law within Illinois. This course may be taught in an online format. Dual Credit at HCC: CJS 201, 202, 203, PHYD 212 (First Aid), and PHYD 121 (Physical Fitness).

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

CULINARY OCCUPATIONS I (16052A001) (CTCU1 F/S)

Level: 11th and 12th grade

Class Location: Pretzel City Kitchen, Freeport

Time: 7:30 - 9:00 a.m., 9:35 - 11:05 a.m., & 1:00 - 2:30 p.m., Mon. - Fri. 7:30 - 9:00 a.m., 9:35 - 11:05 a.m., & 1:00 - 2:30 p.m., Mon. - Fri.

2 credits /year (2 periods)

Post Sec Credit: Highland Community College - Dual Credit 1 credit Highland Community College - Dual Credit** 1 credit**

Prerequisite: Nutrition and Culinary Arts I or Instructor Approval if class not offered, meeting with instructor required for acceptance into this program Nutrition and Culinary Arts I or Instructor Approval if class not offered, meeting with instructor required for acceptance into this program

CAREERTEC Fees: \$70 (\$25 lab fees, \$20 textbook rental, \$25 chef jacket), to be paid by student/parent at High School during registration \$70 (\$25 lab fees, \$20 textbook rental, \$25 chef jacket), to be paid by student/parent at High School during registration

Optional HCC Fees: \$15 registration fee Spring semester, to be paid by student/parent at HCC \$15 registration fee Spring semester, to be paid by student/parent at HCC

Calendar: This course follows the CAREERTEC calendar This course follows the CAREERTEC calendar

Culinary Occupations I teaches practical culinary knowledge and skills, including basic knife skills, cooking techniques, industry guidelines, international cuisine, and terminology needed for the development of food service competencies and workplace skills. The majority of the class is spent in the kitchen applying culinary skills through lab activities. Food sanitation and classroom application will prepare students for an industry recognized sanitation exam. Additional content includes professionalism, kitchen essentials, basic and advanced food preparation, food service equipment, management essentials, and building a successful career in the industry. Students will be provided training opportunities on commercial equipment. Dual credits at HCC: Food Sanitation Certification, HMEC 192.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.



CULINARY OCCUPATIONS II (16055A001) (CTCUL2 F/S)



- Level:** 12th grade
- Class Location:** Internship sites
- Time:** varies dependent on internship agreement
- H.S. Credit:** 2 credits/year (2 periods)
- Post Sec Credit:** Highland Community College - Dual Credit** 1-3 credits
- Prerequisite:** Successful completion of Culinary Occupation I with a C or better, 95% attendance and instructor approval
- Optional HCC Fees:** \$15 registration fee Spring semester, to be paid by student/parent at HCC
- Calendar:** This course follows the CAREERTEC calendar

Culinary Occupations II is an internship based program designed to prepare students for an occupation in the food service industry. Students complete four internships, one each quarter, at a variety of food businesses. The course places special emphasis on developing real-world culinary skills, including design and organization of food service systems in a variety of settings, human relations, and personnel training and supervision. Additional topics include food cost accounting, taking inventory, advertising, monitoring consumer and industry trends, and individualized mastery of culinary techniques. Students will be responsible for transportation to and from internship sites. Dual credit at HCC possible: OCED 290 (Workplace Experience)

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

EARLY CHILDHOOD EDUCATION I (CTECE1)



- Level:** 11th and 12th grade 11th and 12th grade
- Class Location:** Highland Community College, YMCA Early Learning Center, or home school district preschool
- Time:** 7:30 – 9:00 a.m. Monday - Thursday
- HS Credit:** 2 credits/year (2 periods)
- Post Sec. Credit:** Highland Community College – Dual Credit **6 credits
- HCC Fees** \$270 (\$240 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC
- Textbook fees:** \$250-\$600 \$250-\$600
- Calendar:** This course follows the HCC calendar

This program allows students to work directly with children from birth through second grade while earning college credit! Students will also work toward Early Childhood Educator Gateways to Opportunities Credential Level 1 while spending time in early childhood settings with children. This credential makes students eligible for the Gateways to Opportunities Scholarships. Some coursework will be during class on Mondays and Wednesday. Year two will be developed with 11 more college credits. Earned credits can be applied to a transfer Associates of Arts degree or Associates of Applied Science two-year degree in Early Childhood Education with HCC.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

EARLY CHILDHOOD EDUCATION II (CTEC2 F/S)

Level: Level: 12th grade 12th grade

Class Location: Class Location: Highland Community College, YMCA Early Learning Center, or home school district preschool

Time: 7:30 – 9:00 a.m. Monday - Thursday

HS Credit: 2 credits/year (2 periods)

Post Sec. Credit: Post Sec. Credit: Highland Community College – Dual Credit **8 credits

HCC Fees: \$380 (\$320 tech & activity fees, \$30 registration fee per school year, \$30 college certificate graduation, to be paid by student/parent at HCC

Textbook fees: Use book from Year 1

Calendar: This course follows the HCC calendar

Dual credit year 2: ECE 122: Child Growth and Development and ECE 203, Home School, & Community Relations in Early Childhood and Practicum. Students will also work toward Early Childhood Educator Gateways to Opportunities Credential Level 2. While spending time in early childhood settings with children. This credential makes students eligible for the Gateways to Opportunities Scholarships. Hybrid Schedule: Monday and Wednesday class 7:30 -9 a.m., Tuesday, and Thursday, in public or private schools for Preschool, K, 1st or 2nd grade, YMCA Early Learning Center or child care center working with children, also 7:30 to 9:00 am. Some coursework will be online, while other coursework will be during class Mondays.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC



GRAPHIC DESIGN I (GD I) (11155A001) (CTGD1 F/S)

Level: 11 and 12th grade

Class Location: Freeport High School, Freeport

Time: 7:30 - 9:00 a.m., Mon. - Fri.

H.S. Credit; 2 credits / year (2 periods)

Prerequisite: Knowledge of the fundamentals of design

CAREERTEC Fees: \$30, to be paid by student/parent at High School during registration

Calendar: This course follows the CAREERTEC calendar

Discover the world of commercial design applications and the kaleidoscope of career opportunities! The core of Graphic Design I focus on real world applications of graphic design (2D) and/or product design (3D) techniques and processes. The objective of the course is to solve design problems utilizing the design fundamentals (e.g. typography, shape description, color and drawing etc.) in combination with professional computer programs and hardware. Project may include the development of brochures, brand identity, package/product design, screen printing (t-shirts), 2D and/or 3D animation, and video. The course curriculum will include professional software applications and equipment, design theory, photography, basic 2D & 3D animation, video, and associated material processes and production techniques for all curricular areas. Emphasis of this course will be placed on software skill development, design thinking, presentation techniques, portfolio development, and professional/social employability skills necessary to succeed in these career fields.

GRAPHIC DESIGN II (GD II) (11155A002) (CTGD2 F/S)



Level: 12th grade

Class Location: Freeport High School

Time: 7:30 - 9:00 a.m., Mon. - Fri.

H.S. Credit: 2 credits /year (2 periods)

Prerequisite: Completion of Graphic Design I with C or better and interview with Instructor

CAREERTEC Fees: \$30, to be paid by student/parent at High School during registration

Calendar: This course follows the CAREERTEC calendar

The second year continues on from the first year experiences to engage students in more complex and individualized design projects. Students will gain more experience in real world applications of both: graphic design (2D) and/or product design (2D), photography, animation, and/or product design (3D) techniques and processes. The objective of the course is to solve design problems utilizing the design fundamentals (e.g. typography, shape description, color, and drawing etc.) in combination with professional computer programs and hardware projects may include the development of brochures, posters, brand identity, package & product design, screen printing (t-shirts), 2D and/or 3D animation and video. The course curriculum will include professional software applications and equipment, design theory, photography, basic 2D & 3D animation, video, and associated material processes and production techniques for all curricular areas. Emphasis of this course will be placed on software skill development, design thinking, presentation techniques, portfolio development, and professional/social employability skills necessary to succeed in these career fields.



HCC DUAL CREDIT AUTO MECHANICS I (20104A001) (CTAM1 F/S)

Level: 11th and 12th grade

Class Location: Highland Community College

Time: 12:45 - 5:45 p.m., Mon. - Thurs.

H.S. Credit: 2 credits/year (2 periods)

Post Sec. Credit: Highland Community College - Dual Credit 25 credits**

Tuition: Approximate out of pocket tuition cost to student \$2,225

HCC Fees: \$1,415 (\$385 course fee, \$1000 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC. Students may purchase tools through a rent to own program at HCC at a cost of approx. \$1000 per semester. Students may also rent tools while in class, to be paid by student/parent at HCC

Textbook fees: \$190

Calendar: This course follows the HCC calendar

If you're serious about becoming a certified auto mechanic, look into this course. Dual Credit Auto Mechanics I is a Dual Credit program earning college credit hours as well as high school credits. Students are expected to have math and reading skills sufficient to understand the technical terminology presented in the textbooks. This program prepares students for employment with hands-on experience in the areas of: Vehicle service and inspections, brakes, manual transmissions, and drivetrains, basic electrical (electrical circuits, batteries, starters, alternators) suspension & alignments, and engine mechanical repair. **Students are responsible for any tuition and fees beyond \$650 per semester.** Students are also responsible for purchase of required textbooks (approx. \$190) and tools (contact HCC for options and cost) Students will earn Highland Community College credits toward an Associate of Applied Science degree. Dual credit at HCC: AUTM 111, 113, 115, 120, 122, 124, 138

This is a ASEEF accredited course. Various ASE Certifications may be earned after completing 2 years of automotive courses. All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

If you're serious about becoming a certified auto mechanic, look into this course. Dual Credit Auto Mechanics I is a Dual Credit program earning college credit hours as well as high school credits. Students are expected to have math and reading skills sufficient to understand the technical terminology presented in the textbooks. This program prepares students for employment with hands-on experience in the areas of: Vehicle service and inspections, brakes, manual transmissions, and drivetrains, basic electrical (electrical circuits, batteries, starters, alternators) suspension & alignments, and engine mechanical repair. **Students are responsible for any tuition and fees beyond \$650 per semester.** Students are also responsible for purchase of required textbooks (approx. \$190) and tools (contact HCC for options and cost) Students will earn Highland Community College credits toward an Associate of Applied Science degree. Dual credit at HCC: AUTM 111, 113, 115, 120, 122, 124, 138

This is a ASEEF accredited course. Various ASE Certifications may be earned after completing 2 years of automotive courses. All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

HCC DUAL CREDIT AUTO MECHANICS II (20104A002) (CTAB2 F/S)



Level: 12th grade

Class Location: Highland Community College

Time: 7:30 - 12:30 p.m., Mon. - Thurs.

H.S. Credit: Two credits/year (2 periods)

Post Sec. Credit: Highland Community College - Dual Credits 27 credits**

Prerequisite: Successful completion of Auto Mech. I with C or better and 95% attendance

Tuition: Approximate out of pocket tuition cost to student \$2507

HCC Fees: \$1,550 (\$440 course fees, \$1080 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC

Textbook Fees: Students may purchase tools through a rent to own program at HCC at a cost of approx. \$1000 per school year to be paid by student/parent at HCC

Same textbook as Year 1, continuation of payments on tool set purchased through HCC to be paid by student/parent at HCC

Calendar: This course follows the HCC calendar

Dual Credit Auto Mechanics II is a continuation of courses leading to an Assoc. of Applied Science Degree. This program prepares students for employment in the areas of computerized engine controls, air conditioning, automatic transmissions, and body control systems. **Students are responsible for any tuition and fees beyond \$650 per semester.** Additional college credits are necessary to complete the AAS degree program. Dual credits at HCC: AUTM 231, 233, 235, 237, 238, 240, 242, 248. This is an ASEEF accredited course. Various ASE Certifications may be earned after completing 2 years of automotive courses.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC

HEALTH OCCUPATIONS YOUTH APPRENTICESHIP I (HOYA I) (14001A001 & 14051A001) (CTHO1/CTNA)



Level: 11th and 12th grades

Class Location: St. John Church, Freeport St. John Church, Freeport

Time: 7:30 - 9:00 a.m., 9:35 - 11:05 a.m., & 1:00 - 2:30 p.m., Mon. - Fri.

H.S. Credit: 2 credits /year (2 periods)

Post Sec Credit: Highland Community College – Dual Credit 8 credits**

Prerequisite: Eight credits for students successfully completing the C.N.A. theory and clinical training)

Health care is the largest growing industry globally. Doctors, nurses, lab technicians, respiratory techs, occupational and physical therapists, surgical assistants and traveling health care personnel are needed nationwide. HOYA I provides a comprehensive exploration into health care occupations and provides foundational skills and broad-based training in a variety of careers in the healthcare field. Classroom academics will be combined with introductory on-site visits of numerous health careers. The course is designed to help prepare students for more in-depth post-secondary study toward a particular career in health care. Students will need the 2 step TB test and proof of Hepatitis B vaccination. To participate in the CNA training students will need state issued photo ID, further information will be provided.

* TB test can be obtained at the county health department at their current rate. Appointments should be made.

Students are offered the opportunity to receive CNA (Certified Nursing Assistant) training 40 hours of clinical training will be done in the evenings or weekends, during the course of the year. Students that pass the theory and clinical portion with an 80% or better may sit for the State License exam in June to be given at Highland Community College. Aligning with healthcare standards, students will be subject to random and reasonable suspicion of alcohol and drug screenings; students will be removed from the program if they test positive.

Suggested preparatory courses include: Algebra I, computer literacy, keyboarding skills, strong science background, competent writing skills, and a strong interest in health related careers. Students may be responsible for their own transportation to and from Job Shadow sites and some field trips. Dual credit at HCC: NURS 091.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

HEALTH OCCUPATIONS YOUTH APPRENTICESHIP II (HOYA II) (14002A003 & 14154A001) (CTHO2/CTMT)



Level: 1 2th grade

Class Location: Internship site & St. John Church every Mon. & Wed., 1:00 - 2:30 p.m.

H.S. Credit: 2 credits /year (2 periods)

Post Sec Credit: Highland Community College - Dual credit - 5 total – 2 credits after passing Health Care Delivery final exam and 3 credits after passing Medical Terminology exam**

Prerequisite: Completion of HOYA I with C or better and 95% attendance, and attainment of work site placement

CAREERTEC Fees: \$162 (\$40 textbook rental, \$72 workbook, \$50 drug test), to be paid by student/parent at High School during registration

HCC Fees: \$15 registration fee for Spring semester, to be paid by student/parent at HCC

Calendar: This course follows the CAREERTEC calendar

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

HOYA II is a combination of on-site clinical work experiences and academics that are required to enter a particular health career or health industry area. Student interview and work on-site with a professional for an average of eight hours per week to total 144 hours per semester and a cumulative total of 288 during the entirety of course. Additional time is spent on academics that enable the student to pursue a post-secondary degree or certification in the healthcare field. Students will study Medical Terminology as well as explore national and regional practices of health care. This will include not only careers in health care, but projections of health care needs locally as well as globally, access to health care advocacy for health programs, managing the delivery of health services, diverse populations served in health care and the challenges involved, and an overview of changing health care behaviors. Students will work actively with community resources while studying national and global behaviors in comparison. Students will meet every Monday and Wednesday in the classroom from 1-2:30 for the academic instruction. Students will need the one step TB test before class begins. *TB test can be done at the Health Department for a fee. Appointments should be made. Aligning with healthcare standards, students will be subject to random and reasonable suspicion of alcohol and drug screenings; students will be removed from the program if they test positive. Students study Medical Terminology and Health Care Delivery and upon successful completion of the exam will earn college credits through HCC: NURS 117 and HLTH 101. Students must provide their transportation to and from the classroom and the work site.



INDUSTRIAL TECHNOLOGIES (13207A001 & 13207A002) (CTWF/S)

Level: 11th & 12th grade

Class Location: Highland Community College

Time: 7:30 - 9:00 a.m., Mon. - Thurs.

H.S. Credit: 2 credits /year (2 periods)

Post Sec. Credit: Post Sec. Credit: Highland Community College Dual Credit 12 credits Highland Community College Dual Credit** 12 credits**

HCC Fees: \$805 (\$295 course fees & tools, \$480 tech & activity fees, \$30 registration fees per school year. Students must purchase tools at a cost of \$160 included in course fees), to be paid by student/parent at HCC

Textbook fees: \$195-\$303 textbook bundle

Calendar: This course follows the HCC calendar

This program develops the basic academic and technical skills students must acquire to pursue a career in welding, CAD, or manufacturing. These skills will be developed in the areas of Shielded Metal Arc Welding, Gas Metal Arc Welding, 2D CAD (Computer Aided Drafting), and 3D CAD and Parametric Modeling. Upon completion of these courses, the student will be able to use a fusion process to join (weld) two pieces of metal by applying intense heat to melt the edges of metal so they fuse permanently. Students will also determine the welding process best suited for the metals being fused. Additionally, students will learn to create basic 2-dimensional CAD drawings complete with multiple views and dimensions. An emphasis will be placed on drafting fundamentals. Finally, students will learn 3-dimensional CAD (Parametric Modeling) with an emphasis on dimensioning mechanics and assemblies.

****Students successfully completing this course will have the opportunity, with additional coursework at HCC, to earn certificates and/or degrees in Welding, Welding and Fabrication, Industrial Training, Mechatronics, and CNC Machining. Dual Credit at HCC: WELD130, WELD232, DRAF105, DRAF106**

Students may apply to the Plumbers & Pipefitters Union Local 23 apprenticeship upon completion and high school graduation.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

INDUSTRIAL TECHNOLOGIES II (22153A001) (CTWF2)



Level: 12th grade

Class Location: Work Site

Time: Varies

H.S. Credit: 2 credits/year

Post Sec. Credit: Highland Community College Dual Credit 1-4 credits**

Prerequisite: Successful Completion of IND TECH I.

HCC Fees: \$30 registration fee per school year, course and activity fees vary from \$40 - \$160 depending on options below, to be paid by student/parent at HCC

Textbook fees: Depends on option chosen below

Calendar: This course follows the HCC calendar

There are 3 different options for year two of the Industrial Technologies course.

Option 1: Students attend college-level courses on Highland's campus during the school day. This option would require permission from the student's school. Courses could include: 3D CAD, Machine Processes, CNC Mill, CNC Lathe or other Technical Electives for the alternating days. Students selecting the 3D CAD course could also attend during normal CareerTEC hours.

Option 2: Students complete Occupational Education (OCED) courses, otherwise known as workplace experience. Students seek part-time paid employment or unpaid internship with an area manufacturer. The employment would align with the HCC Welding and/or CNC Machining programs.

Option 3: Students could select a combination of options 1 and 2. Students are responsible for gaining the credits required by their high schools.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC.

NAIL TECH: 19105A001 (CTNT F/S)



Level: 12th grade

Class Location: Highland Community College, Freeport

Time: 7:30 – 9:00 a.m., Mon., Tues., and Thurs., Fri

H.S. Credit: 2 credits /year (2 periods)

HCC Credit: Highland Community College - Dual Credit 4 credits**

Prerequisite: 8th grade reading level and meeting with instructor required for acceptance into this program.

HCC Fees: \$490 (\$50 smock, \$130 basic student kit and \$120 course fee, \$160 tech & activity fees, \$30 registration fee per school year), to be paid by student/parent at HCC

Textbook Fees: Approximately \$382 textbooks

Calendar: This class follows the HCC calendar

An introduction to the profession including: salon conduct, ethics, client consultation, decontamination and safety. Students will understand anatomy and physiology of the skin and nails. Students will perform manicures and pedicures.

Course content covers COSM 190.

All accepted students will attend a mandatory orientation meeting prior to the start of classes.

All fees listed for HCC are approximate and are subject to rate changes and textbook pricing at HCC

NAVY JUNIOR RESERVE OFFICER TRAINING CORPS (NJROTC) (09101A000)
(CTNJ)



Level: 9-12 grades

Class Location: Freeport High School

Time: 7:30 - 9:00 a.m., Mon. - Fri.

H.S. Credit: 1-2 credits per year (May be used for Physical Education requirement)

Calendar: This course follows the CAREERTEC calendar

Navy Junior Reserve Officer Training Corp (NJROTC) is a citizenship/leadership development program. With a four year curriculum designed to give leaders of the 21st century the knowledge and skills they need to serve our country in a capacity they choose. The course counts as a PE credit, In National strategy/defense, the history of sea power, oceanography, meteorology, astronomy, basic electronics, communications, naval engineering, navigation, and health/nutrition/physical fitness. NJROTC cadets are required to properly wear a uniform one day a week.

Naval Science is taught by retired Navy and Marine Corps personnel. In addition to academic topics, the course provides classroom experiences that emphasize patriotism; development of informed and responsible citizens; promotes habits of orderliness and precision; develops a high degree of personal honor, self-reliance, individual discipline; and leadership development. Any student considering joining any of the United States Armed Services should consider enrolling in this course. Cadet experiences are enriched through participation in any one of seven extra-curricular teams (precision drill team, air rifle marksmanship team, orienteering team, athletic team, and e-sports team) color guard team, or academic team), community service projects, or overnight trips to various colleges, universities, and military facilities throughout the United States.

Uniforms, text books, training aids, etc. are provided by the United States Navy. Additionally, various 3 and 4 year university scholarship opportunities are available to students that qualify. Any student attending NJROTC classes are eligible for advance promotion when entering active duty. Enrollment is open to grades 9 through 12. Students may take the course for one to four years. Credit can be used to meet the physical education requirement for graduation. Enrollment in this course does not obligate the student for military service in any branch.

HIGHLAND COMMUNITY COLLEGE DUAL CREDIT

Dual credit provides students the opportunity to earn high school and Highland Community College credit simultaneously. These credits become a part of the student's permanent transcript upon successful completion of the course. They may transfer to any educational institution according to the acceptance policies of that institution just as any other credits earned at Highland.

CAREERTEC

CAREER AND TECHNICAL EDUCATION CONSORTIUM

2037 W. Galena Avenue, Freeport, IL 61032, 815.232.0709

CAREERTEC does not discriminate on the basis of race, religion, color, national origin, age, gender, or disability in any of its educational programs or in the provision of services to the student.

English

Note: Four years of English are required for graduation.

Course	Credit	Year	Notes/Prerequisites
English 9	1/Year	9	None
English 9 Honors	1/Year	9	Performance, teacher recommendation, test scores, or self-nomination
English 10	.5/Semester	10	None
English 10 Honors	.5/Semester	10	Performance, teacher recommendation, test scores, or self-nomination
Speech	.5/Semester	10	None
English 11	1/Year	11	None
English 12 Composition	.5/Semester	12	None
AP Language and Composition	1/Year	11, 12	Refer to course description for important dual credit prerequisite information.
AP Literature and Composition	1/Year	12	Refer to course description for important dual credit prerequisite information.
Advanced Communication	1/Year	9-12	Elective-Speech or Speech Team Members
Advanced Journalism Broadcast Media	1/Year	10 - 12	Elective - Instructor approval per audition; required grade of "C" or better in both semesters before admittance to second year.
Advanced Journalism Yearbook	1/Year	10 - 12	Elective - Instructor approval
Business Communications (Dual Credit Option Available)	1/Year	12	Elective - Refer to course description
Comprehensive Strategies (EIR)	1/Year		Recommended
Creative Writing	.5/Semester	11, 12	Elective
Transitional English	1/Year	12	Recommended
Drama	.5/Semester	10 - 12	Elective
Film Studies	.5/Semester	11, 12	Elective
Multi-Cultural Studies	.5/Semester	11, 12	Elective
Mythology	.5/Semester	10—12	Elective

English

Note: Four years of English are required for graduation.

Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade
Required: English 9 or English 9 Honors	Required: English 10 or English 10 Honors Speech	Required: English 11 or English 11 Honors or AP Language and Composition	Required: English 12 Composition AP Language and Composition or AP Literature and Composition or Transitional English
	Elective: Advanced Communication Broadcast Media Drama Mythology Yearbook	Elective: Advanced Communication Drama/Advanced Drama Broadcast Media Creative Writing Film Studies Multi-Cultural Studies Mythology Yearbook	Elective: Advanced Communication Broadcast Media Business Communications (Dual Credit) Creative Writing Film Studies Multi-cultural Studies Mythology Yearbook

**English 9
E09 (F/S)
Grade 9**

1 Credit/Year

This course develops composition writing skills and also includes the study of grammar and reference skills. The literature studied in the course serves to improve vocabulary/spelling, and reading comprehension. Speaking and listening skills are emphasized through small group presentations and class discussions. Literary forms studied include poetry, short stories and novels. A research paper is required.

**English 9 Honors
E09H**

Grade 9

1 Credit/Year

Prerequisite: Performance, teacher recommendation, test scores, or self-nomination.

This course is designed for students who are above grade level in achievement test scores, in reading and writing skills and in overall classroom performance. The course develops composition and writing skills and also includes the study of grammar and reference skills. The literature studied in the course serves to improve vocabulary/spelling, and reading comprehension. Speaking and listening skills are emphasized through small group presentations and class discussions. Literary forms studied include poetry, shot stories and novels. A research paper is required.

**English 10 w/ Speech
E10 and E25**

Grade 10

1 Credit/Year

Meets ISBE Intensive Writing Requirement

The emphasis of this course is placed on reading fiction and non-fiction, poetry and drama. The student will use literary concepts and learn how to apply given information to hypothetical situations. Class discussion reinforces listening and effective speaking skills, while emphasizing interpersonal communication through the use of formal speeches. Competence in the writing process is acquired through emphasis on standard usage, improved, spelling, and the mechanics of writing. In addition, note taking and outlining are practiced. A research paper is required.

**English 10 Honors w/ Speech
E10H and E25**

Grade 10

1 Credit/Year

Prerequisite: Performance, teacher recommendation, test scores, or self-nomination

Meets ISBE Intensive Writing Requirement

This is a course in composition and literature for students of above average ability. The readings for this class introduce the students to a variety of themes that the students will often encounter as they study literature in greater depth. Competence in the writing process is acquired through emphasis on standard usage, improved spelling, and writing mechanics. A research paper is required. Interpersonal communication is also emphasized through speaking assignments and formal speeches.

English

English 11 E11 (F/S) Meets ISBE Intensive Writing Requirement This course includes the further study of literature and composition as well as speaking and listening. SAT preparation also is an integral part of the course. American literature is emphasized with various forms such as the novel, short story, drama, and poetry. Composition skills are stressed through a study of sentence elements and paragraph structures. An extended research paper is required.	1 Credit/Year	Grade 11
English 11 Honors E11H (F/S) Prerequisite: Performance, teacher recommendation, test scores or self-nomination Meets ISBE Intensive Writing Requirement This course is designed for the college bound student who has a desire to improve writing skills as well as learn advanced forms of literary analysis. In addition, SAT preparation is included in the course. The literary component of the class focuses on works by American writers. An extended research paper is required.	1 Credit/Year	Grade 11
English 12 Composition E12 Meets ISBE Intensive Writing Requirement English 12 offers an integrated, inquiry-based approach to reading, writing, researching, speaking, and listening. Students will read and discuss literary and informational texts and continue to develop their analytical and argumentative writing skills. They also will practice their speaking and listening skills in small and large group discussions and presentations. An extended research paper is required. Students are allowed to take both semester simultaneously.	.5 Credit/Semester	Grade 12
English 12 Honors E12H (F/S) Prerequisite: Performance, teacher recommendation, test scores, or self-nomination Meets ISBE Intensive Writing Requirement Designed to prepare the high school senior for college-level work, this course has two main components: composition and British Literature. The composition aspects of the course review and reinforce grammar and composition skills through essays and a major research paper on a topic related to the literary content of the course. The literature of the course concentrates on works written by authors from the British Isle and on the history and development of the English language.	1 Credit/Year	Grade 12
Advanced Placement Language and Composition E38 (F/S) Prerequisite: Successful completion of English 9 & 10 Honors with a "C" or better. Meets ISBE Intensive Writing Requirement This course is taught at the freshman college level and is specifically designed to prepare students for the English Language and Composition Advanced Placement Test given in May. Students become skilled readers of nonfiction prose that is written in a variety of periods, disciplines, and contexts. The course seeks to develop flexible writers who can compose in a variety of modes and for a variety of purposes.	1 Credit/Year	Grade 11-12
Advanced Placement Literature and Composition E49 (F/S) Prerequisite for FHS: Successful completion of English 11 Honors with a "C" or better. Meets ISBE Intensive Writing Requirement This course is taught at the freshman college level and is specifically designed to prepare students for the Advanced Placement exam given in May. Students are engaged in the careful reading and critical analysis of imaginative literature. They develop critical standards for interpreting the effects writers create by means of manipulation of language. Literary works from various genres and periods will be intensively studied.	1 Credit/Year	Grade 12
Transitional English E12T (F/S) Prerequisite: Students will be recommended based on SAT English scores. Meets ISBE Intensive Writing Requirement This course was created due to the PWR Act and gives seniors whose SAT scores indicate not being proficient in English, the opportunity to develop college-ready English skills. Those who successfully complete this course with a C or higher can automatically be enrolled in a credit bearing English course at any community college in Illinois without taking a placement test. The course will focus on non-fiction reading and the development of college level writing.	1 Credit/Year	Grade 12

English

English Electives

Advanced Communication

E26

Grade 10-12

.5 Credit/Semester

Prerequisite: Speech or Speech Team Member

This class is designed for students to continue to develop their communication skills. Students will cultivate these skills in diverse settings to include group discussion, interviews, and communication in the workplace. Students will organize ideas, deliver information, and participate in high level projects.

Advanced Journalism Broadcast Media

E51 (F/S)

Grade 10-12

1 Credit/Year

Limit of two year enrollment

Prerequisite: Instructor approval per audition; required grade of "C" or better in both semesters before admittance to second year.

This course enhances student experiences in the field of journalism by reporting, writing, editing and producing a television broadcast. Students will continue to develop their skills in news writing interviewing, storyboarding, scripting and filming. All student's will take part in all technical aspects of the course and only students who are seriously interested in broadcast media should enroll in this career-orientated class.

Advanced Journalism Yearbook

E37 (F/S)

Grade 10-12

1 Credit/Year

Limit of two year enrollment

Prerequisite: Instructor approval

Required grade of "C" or better in both semesters before admittance to second year.

This course is designed to enable students to develop their knowledge and skills in the fields of journalism and marketing. The students continue to practice page design, photography, art, advertising and business management skills. Students become more analytical in their listening, speaking and reading skills from the perspective of management, production, and sales.

For selection consideration, students must complete an application and give all current teachers a "Staff Recommendation Questionnaire." Preferential selection will be given to students who have successfully completed the following courses: Advanced Journalism-Yearbook, Advanced Journalism-Newspaper, and Computer Art/Photography. Students with the highest scores on their application, recommendation, and preferential class scores will be selected by a committee to be on the yearbook staff.

Business Communications

Dual Credit Option Available

E48 (F/S)

Grade 12

1 Credit/Year

Prerequisite: Successful completion (or concurrent enrollment) of three years of high school English.

Intended for persons pursuing technical careers, this course includes communication principles and practical applications to on-the-job situations. Written instruction includes preparation of employment materials, business documents, complaint and adjustment letters, and student selected professional topics. Oral topics cover interpersonal communications, presentations, business reports, and student selected activities.

This is not NCAA English Credit Eligible.

Comprehensive Strategies

EIRCS (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: Must be recommended

Students who have demonstrated a need for additional support in reading skills development are required to take this course as an elective their freshman year, and continuing as needed throughout their junior year. Standardized test scores, overall academic performance, and other normed assessments may be considered when placing students in the high school reading program. The course will support students in all content areas while teaching and reinforcing strategies and skills in comprehension, word recognition, vocabulary, and fluency. Students will engage in large and small group activities to help strengthen reading abilities. Sections of the course may be modified from semester to fit the needs and reading levels of the students enrolled.

This is not NCAA English Credit Eligible.

English

Creative Writing

E47

Grade 11-12

.5 Credit/Semester

Students enrolled in this course will study and write short stories and poems. We will read a variety of literature, including short stories, poems, and new novels for young adults.

Drama/Advanced Drama

E23/E24

Grade 10-12

.5 Credit/Semester

This class is designed for students who want to improve their speaking and acting abilities. The course is composed of several units: Introduction to Drama, Elements of Drama, Development of Character Actions, Stage Blocking, Theater History, and Dramatic Literature. Other units will be optional from year to year, such as radio drama, motion picture and television acting, Shakespearean scene, and directing fundamentals.

Film Studies

E45

Grade 11-12

.5 Credit/Semester

Film Studies examines motion pictures as literary works through the study of several major film genres and by viewing examples. We will watch new and old films representing many styles and genres.

Multi-Cultural Studies

E44

Grade 11-12

.5 Credit/Semester

Prerequisite: None

The literatures from various American cultures are read and studied in this course. Readings are taken from African-American, Native American, and Latino/Latina-American writers. Students explore reading, construct meaning from the reading materials, and develop familiarity with the various cultures.

Mythology

E43

Grade 10-12

.5 Credit/Semester

Prerequisite: None

This elective course studies traditional myths of various cultures including Greek/Roman, Norse, Middle East, Far East, Africa, and the Americas. Also studied will be various heroes and heroines, monsters, creatures, demons, and dangers faced in world mythology. The readings vary from poems and short stories to non-fiction, novels, and plays. The composition objectives are met with sentence writing on daily assignments, paragraph writing on all major tests, and essay writing with each major unit. Listening skills are developed by note-taking requirements during lectures, independent readings, and films. Speaking skills are developed through class discussions, small group discussions, and independent presentations.

Intensive Reading

EIRS (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: None. Placement may be for 1 to 3 years determined by assessments, teacher recommendations, and literacy coach input.

Students who have demonstrated a need for additional support in reading skills development are required to take this course as an elective their freshman year, and continuing as needed throughout their junior year. Standardized test scores, overall academic performance, and other normed assessments may be considered when placing students in the high school reading program. The course will support students in all content areas while teaching and reinforcing strategies and skills in comprehension, word recognition, vocabulary, and fluency. Students will engage in large and small group activities to help strengthen reading abilities. Sections of the course may be modified from semester to fit the needs and reading levels of the students enrolled.

English

English Language Learner

Course	Credit	Year	Notes/Prerequisites
English Language Learner 1, 2 and 3	1/Year	9 - 12	Bilingual teacher approval and score of ELL placement test
English Language Learner-Learning Center	1/Year	9 - 12	None

English Language Learner 1

ELL01 (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: Bilingual teacher approval and score of ELL Placement Test

This course is designed for students who are in the early stages of acquiring proficiency in the English language. Instruction emphasizes communicative fluency as well as learning and developing reading and writing skills. Students study conversational phrases and grammatical concepts such as verb tenses, sentence structure, and pronoun usage. ELL students are expected to maintain basic conversations in common social situations. Daily homework is an essential component of learning the language and is required.

English Language Learner 2

ELL02 (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: Bilingual teacher approved and score of ELL Placement Test

This course builds on the foundations of ELL 1 in all skill areas. The development of both social and academic language skills is continued. Emphasis is placed on improving specific reading skills and the expansion of vocabulary. Students are taught parts of speech and more complex grammatical structures through controlled writing activities.

English Language Learner 3

ELL03 (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: Bilingual teacher approval and score of ELL Placement Test

This course is an expansion of academic speaking, reading and writing. Students in this course concentrate on academic skills in order to fine-tune the study of grammar, vocabulary, and composition skills to prepare for transition in mainstream English class placement. More extensive writing projects and compositions will be given as well as exposure to literature and other genres in the language arts curriculum. Daily homework will be required.

English Language Learner—Learning Center

ELLLC (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: None

This course is given to provide those students in ELL 1, 2, or 3 with academic assistance and with other academics in order to ensure academic success.

World Languages

Course	Credit	Year	Notes/Prerequisites
German I	1/Year	9 - 12	See Course Description
German II	1/Year	10 - 12	Successful completion of German I
German III	1/Year	11 - 12	Successful completion of German II
German IV	1/Year	12	Successful completion of German III
Spanish I	1/Year	9 - 12	See Course Description
Spanish II	1/Year	9 - 12	Successful completion of Spanish I
Spanish III	1/Year	10 - 12	Successful completion of Spanish II
Spanish IV	1/Year	11, 12	Successful completion of Spanish III
Spanish V (Highland Community College Course)	1/Year	12	Successful completion of Spanish IV. Enrollment at Highland Community College.

German

German I

FG1 (F/S)

Grade 9-12

Prerequisite: Recommended C average or higher in English

Students practice conversations in common social interactions. They learn to read and listen for information as well as speak and write about everyday topics such as school, sports, leisure activities, family, and food. They compare and contrast key aspects of German and American culture. Students learn about grammatical concepts such as the present tense, gender, and the nominative, accusative, and dative cases.

German II

FG2 (F/S)

Grade 10-12

Prerequisite: Successful completion of German I

The communication topics include special occasions, clothing, house and home, travel, transportation, technology, and media. Grammatical concepts such as the past tense, the nominative, accusative, dative, and genitive cases, and adjective agreement are studied.

German III

FG3 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Successful completion of German II

The communication topics include everyday routines, health, in a town, in an office, careers, nature, and the environment. Grammatical concepts such as reflexive verbs, the subjunctive tense, the future tense, relative pronouns, the passive voice, and case are emphasized.

German IV

FG4 (F/S)

Grade 12

1 Credit/Year

Prerequisite: Successful completion of German III

The reading, writing, speaking, and listening segments are more academic in nature and are intended to give the students an historical and cultural understanding of Germany. Students continue to refine their understanding and application of grammatical concepts to include case, verb tenses, pronouns, conjunctions, and prepositions.

Spanish

Spanish I

FS1 (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: Recommended C average or higher in English

Fee: Workbook (approx. \$16.00)

Students begin with conversational phrases and go into more complex grammatical concepts such as verb conjugation, sentence structure, and pronoun usage. Hispanic countries, culture, music and politics are explored. All students are required to speak, read, and write in Spanish on a daily basis.

World Languages

Spanish II
FS2 (F/S)
Grade 9-12
1 Credit/Year

Prerequisite: Successful completion of Spanish I

Fee: Workbook (approx. \$16.00)

Material from Spanish I is reviewed. Spanish II emphasizes verb tenses and additional grammatical concepts. This adds to the students' reading, writing, listening and oral skills. Retention of vocabulary learned in Spanish I as well as acquiring additional vocabulary is imperative. Homework continues to be a component of the students learning the language.

Spanish III
FS3 (F/S)
Grade 10-12
1 Credit/Year

Prerequisite: Successful completion of Spanish II

Fee: Workbook (approx. \$16.00)

Students complete a comprehensive review of the grammar previously learned in Spanish. They develop accuracy of expressions with basic structures and by narrating in the past, future and compound tenses. Hypothetical structures and the use of the subjunctive are studied. Students increase their oral fluency using situational conversations. Audio and video featuring native speakers are used to increase students' understanding of spoken Spanish. Short stories are read to increase their reading ability. Compositions and projects are used to develop writing skills. Daily homework is often assigned in Spanish III.

Spanish IV
FS4 (F/S)
Grade 11-12
1 Credit/Year

Prerequisite: Successful completion of Spanish III

Students complete a comprehensive review of all the grammar previously learned in Spanish. They will read short stories by Spanish and Latin-American writers, emphasizing Hispanic culture. They continue to increase their oral fluency using situational conversations and become more fluent with idiomatic expressions. Audio and video are used to strengthen their listening skills. Writing skills are developed through compositions, essays and projects.

Spanish V
(Highland Community College Course - Dual Credit)
FS5 (F/S)
Grade 12
1 Credit FHS/Year

Prerequisite: Successful completion of Spanish IV. Enrollment at HCC.

Fee: There is a course fee payable by the student.

Successful completion of Spanish V will result in 8 hours of credit for Intermediate Foreign Language 1 & 2 at Highland Community College. In addition, students will be granted credit for Introductory 1 & 2, resulting in a total accumulation of 16 college credits in foreign language. Courses will be taught by HCC instructors and may include HCC students.

NOTE: Students need to consult their counselor regarding FHS graduation status before enrolling in this course.

FHS Math Track

9th to 10th Grade	
From:	To:
Integrated Math I	Integrated Math II OR Trigonometry/Analytical Geometry
Integrated Math II	Integrated Math III

10th to 11th Grade	
From:	To:
Integrated Math II	Trigonometry/Analytical Geometry OR Integrated Math III
Integrated Math III	Statistics Pre-Calculus Trigonometry
Pre-Calculus	AP Statistics AP Calculus

11th to 12th Grade	
From:	To:
Trigonometry/Analytical Geometry	Trigonometry/Algebra
Integrated Math III	Statistics Trigonometry College Math/Advanced Algebra
Pre-Calculus	Pre-Calculus AP Statistics AP Calculus AB College Math/Advanced Algebra
AP Calculus AB	AP Statistics AP Calculus BC
Trigonometry	AP Statistics Pre-Calculus Statistics College Math/Advanced Algebra

Math

Note: Three years of Math are required for graduation.

Course	Credit	Year	Notes/Prerequisites
Advanced Placement Calculus AB	1/Year	11, 12	Pre-Calculus, with a letter grade of "C" or better
Advanced Placement Calculus BC	1/Year	12	AP Calculus AB
Advanced Placement Statistics	1/Year	11, 12	Two years of high school math in addition to strong reading skills. Successful completion of Int. Math I and II with a grade of "C" or better
College Math/Advanced Algebra	1/Year	12	Junior who has successfully completed state math graduation requirements but has not met at least two of the college level math projected readiness criteria.
Occupationally Applied Math	.5 /Sem.	9	Counts toward elective credit only
Integrated Math I	1/Year	9 - 12	None
Integrated Math II	1/Year	9 - 12	Successful completion of Integrated Math I
Integrated Math III	1/Year	9 - 12	Successful completion of Integrated Math I & II
Pre-Calculus	1/Year	10 - 12	Refer to course description.
Statistics	1/Year	11, 12	Refer to course description.
Trigonometry	1/Year	11 - 12	Refer to course description
Trigonometry/Algebra	1/Year	12	Teacher recommendation only
Trigonometry/Analytic Geometry	1/Year	11, 12	Teacher recommendation only

Do not qualify for Math credit; Do not qualify for eligibility purposes with NCAA Clearing House		
Integrated Math I Support	Integrated Math II Support	Occupationally Applied Math

Advanced Placement Calculus AB

Dual Credit Option Available

M51 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Pre-Calculus, with a letter grade of "C" or better

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

Students use graphical, numerical, verbal and analytical methods to solve problems involving limits and differentiation and integration. The topics covered are determined by the College Board.

Advanced Placement Calculus BC

M52 (F/S)

Grade 12

1 Credit/Year

Prerequisite: Successful completion AP Calculus AB.

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

Students take this college equivalent class which parallels a Calculus II class. Students are responsible for all topics presented in AP Calculus AB and many additional topics as required by the College Board.

Math

Advanced Placement Statistics

Dual Credit Option Available

M32 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Two years of high school math in addition to strong reading skills. Successful completion of Integrated Math I and II (earned grade of “C” or better).

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

This course prepares students for the AP Exam in the spring. This is the equivalent to an introductory college course in statistics. The topics covered include: describing patterns and departures from patterns, planning and conducting a study, exploring random phenomena using probability and simulation, and estimating population parameters and testing hypotheses. Students will learn the process of analyzing data, summarizing the data in graphs/figures, modeling the data, and then answering questions using the model. This includes one and two sample means and proportions. Class activities and assignments will reinforce the use of calculator and writing as an integral part of the statistics process.

College Math/Advanced Algebra

M60 (F/S)

Grade 12

1 Credit/Year

Prerequisite: Junior who has successfully completed state math graduation requirements but has NOT met at least two of the college level math projected readiness criteria.

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

The core of the STEM course includes the following five units of instruction: Linear Functions, Polynomials, Rational Functions, Radical Functions, and Exponential Functions. The culminating activity in the course is a Capstone Project in which students will be able to use their understanding of the concepts of functions combined with their ability to select and execute appropriate algebraic procedures and processes. While a successful student can demonstrate the ability to solve complex, multi-step mathematical and contextualized problems, the content of the course is not always applicable to authentic contexts. In those cases, rich mathematical problems should be used so that students make deeper connections between numerical, algebraic, and/or graphic skills. A high school junior who has successfully completed state math graduation requirements but has NOT met at least two of the college level math projected readiness criteria will be projected as NOT ready for college level math and will be given transitional math opportunities in relation to their current math achievement and career interest (PWR Act).

Integrated Math I

M1F (F/S)

Grade 9-12

1 Credit/Year

Integrated Math I is the first in a series of three Common Core National math courses whose purpose is to formalize and extend the mathematics learned in Common Core Math 8 and below. Linear relationships are deepened and extended by comparing and contrasting them with exponential relationships. Properties and theorems involving congruent figures are used to deepen and extend understanding of geometric knowledge from prior grades. Students are immersed in real world examples so that mathematical ties are strengthened in an integrated approach.

Note: Student must pass both semesters of Integrated Math I with at least a “D” during the school year or during Summer School. If a semester has not been passed, the student will repeat the semester of Integrated Math I. A scientific calculator is suggested.

Integrated Math II

M2 (F/S), M2F (F/S) (M2F for freshmen)

Grade 9-12

1 Credit/Year

Prerequisite: Successful completion of Integrated Math I

Integrated Math II is the second in a series of three Common Core National Math courses. Quadratic functions are compared and contrasted to linear and exponential functions studied in Integrated Math I. Data is analyzed using statistical methods and probability rules in making and evaluating decisions. Right triangle relationship extensions are investigated using Pythagorean relationships in trigonometry and quadratics and circle concepts are expanded to their quadratic algebraic representations. Students are immersed in real world examples so that mathematical ties are strengthened in an integrated approach. A TI83+ or TI84+ graphing calculator is suggested. Silver Edition is acceptable.

Note: Student must pass both semesters of Integrated Math II with at least a “D” during the school year or during Summer School. If a semester has not been passed, the student will repeat the semester of Integrated Math II.

Math

Integrated Math III

M3 (F/S)

Grade 10-12

1 Credit/Year

Prerequisite: Successful completion of Integrated Math I and II

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

Integrated Math III, the third in a series of three Common Core National Math courses, applies and expands the accumulation of learning from previous courses. Methods from probability and statistics are applied to draw inferences and conclusions from data. Function repertoires are expanded to include polynomial, rational, and radical functions. Right triangle trigonometry is expanded to include general triangles. Students are immersed in real world examples so that mathematical ties are strengthened in an integrated approach.

Integrated Math I Support

M1DE (F/S)

Grade 9-12

1 Credit/Year

Prerequisite: Teacher recommendation only

Note: General elective credit only, not a math credit

Integrated Math I Support is an elective course designed to help selected students be successful in their regular Integrated Math I course. Student selection is based on middle school math grades, teacher recommendations, and results from standardized math exams. Topics covered are background material essential to concepts covered in the regular Integrated Math I course.

Integrated Math II Support

M2DE (F/S)

Grade 10-12

1 Credit/Year

Prerequisite: Teacher recommendation only.

Note: General elective credit only, not a math credit

Integrated math II Support is an elective course designed to help selected students be successful in their regular Integrated Math II course. Student selection is based on teacher recommendations, and results from standardized math exams. Topics covered are background material essential to concepts covered in Integrated Math II.

Occupationally Applied Math

CTEOAM

.5 Credit/Semester

This semester freshman math course will connect the mathematical concepts behind each academy's pathway to reinforce basic algebra concepts and use these skills in a variety of practical, consumer, business and occupational applications.

Pre-Calculus

M50 (F/S)

Grade 10-12

1 Credit/Year

Prerequisite: 2 options available: 1) Successful completion of Integrated Math III or Trigonometry with a letter grade of "C" or higher. 2) At least concurrent enrollment in Integrated Math III or Trigonometry.

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

Pre-calculus covers the topics of functions, trigonometry, and algebra required as prerequisite for AP Calculus AB.

Statistics

M31 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: 2 years of high school math in addition to strong reading skills. Successful completion of Integrated Math I, Integrated Math II, and at least concurrent enrollment in Integrated Math III or Trigonometry/Analytic Geometry. Earned grade of C or better.

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

This course is an introduction to the topic of introductory college statistics course. The topics include: describing patterns and departures from patterns, planning and conducting a study, exploring random phenomena using probability and simulation, and estimating population parameters and testing hypotheses, not to the extent of the AP Statistics course. Students will learn the process of analyzing data, summarizing the data in graphs/figures, modeling the data, and then answering questions using the model. Class activities and assignments will reinforce the use of calculator and writing as an integral part of the statistics process.

Math

Trigonometry

M37 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Successful completion of Integrated Math I, Integrated Math II and Integrated Math III (Option 2: At least concurrent enrollment in Integrated Math III)

Requirements: TI83+ or TI84+ graphing calculator. The silver edition of either is acceptable.

This course includes functional trigonometry, determinants, matrices and extensions of other topics from Algebra II. The first semester emphasis is trigonometry.

Trigonometry/Analytic Geometry

M53 (F/S)

Grade 11-12

1 Credit/Year

Prerequisite: Teacher recommendation only

Covering topics from both Trigonometry and Analytic Geometry, this course serves as a prelude for students who enrolled in Trigonometry, Statistics and/or Technical Mathematics. College & Career Readiness standards will also be included. Topics include the study of right triangle trigonometric and circular functions, inverse functions, and graphs, properties of parallel and perpendicular lines, triangles, circles, probabilities, factorials, summations, and linear approximations.

Trigonometry/Algebra

M40 (F/S)

Grade 12

1 Credit/Year

Prerequisite: Teacher recommendation only

Trigonometry/Algebra is a college preparatory continuation of Trigonometry/Analytical Geometry. Higher degree equations, functions and probability are among the topics included.

Music

Course	Credit	Year	Notes/Prerequisites
Band - Concert	1/Year	9 - 12	Instructor approval
Band - Symphonic	1/Year	10 - 12	Instructor approval and audition
Choir - Concert	1/Year	9 - 12	Instructor approval and audition
Choir - Treble/Mixed Choir	1/Year	9 - 12	None
Choir - Varsity	1/Year	10 - 12	Audition/instructor approval or Concert Choir enrollment
Orchestra—Symphonic	1/Year	9 - 12	Audition/Instructor approval
Orchestra—String	1/Year	9-12	Audition/Instructor approval

Music courses may be repeated for credit.

Band—Concert

UB50

Grade 9-12

1 Credit/Year

Prerequisite: Instructor approval

The Concert Band is open to any wind instrument or percussion student. There is no audition required for enrollment and may be repeated for credit.

Members of the Concert Band participate in the Marching Band (football games and 2 parades), pep bands, and perform three formal concerts during the school year. Many different music types of varied styles (grade 3) are performed with an emphasis on ensemble technique, musicianship and stage presence. All band students have the opportunity to participate in solo/ensemble contests. Jazz Ensemble and other selective performing ensembles will be open to advanced level students.

Band—Symphonic

UB51

Grade 10-12

1 Credit/Year

Prerequisite: Instructor approval

The Symphonic Band Program is open to any wind instrument or percussion students and will be considered the primary large group concert band. There is an audition required for enrollment and may be repeated for credit. Members of the Symphonic Band participate in the Marching Band (football games and 2-3 parades), pep bands and perform four formal concerts during the school year. Many different music types of varied styles (grade 3 and 4) will be performed with an emphasis on technique, musicianship and expression. All band students have the opportunity to participate in solo / ensemble contests and the Tri-II music festival. Jazz Ensemble and other selective performing ensembles will be open to advanced level students.

Choir— Concert

UC71

Grade 9-12

1 Credit/Year

Prerequisite: Instructor approval/audition

The Concert Choir is a select choral performing group. Varied legitimate music styles are studied with emphasis on technique and musicianship. The choir performs throughout the year at concerts, festivals and community events. The Concert Choir participates in the fall, winter, and spring concerts, the annual holiday pageant, the TRI -II Music Festival, IMEA District and All-State festivals as well as other engagements around the community.

Choir— Treble

UC70

Grade 9-12

1 Credit/Year

The Treble Choir is open to all treble voices in high school on a non-audition basis. Vocal quality, choral techniques, stage etiquette, and improved reading ability are emphasized in preparation to audition for advanced choirs. The Treble Choir participates in the fall, winter, and spring concerts as well as the annual holiday pageant.

Music

Choir— Varsity

UC72 (F/S)

Grade 10-12

1 Credit/Year

Prerequisite: Audition/instructor approval or Concert Choir enrollment

The Varsity Choir is the high school's most select choral group. Members develop a finer sense of blend, musicianship and stage presence. This group participates throughout the year in concerts, as well as numerous community functions. During second semester they form the Freeport High School Show Choir which is the foundation of the annual "ShowTime" performances.

Orchestra—Symphonic

U41 (F/S)

Grades 9-12

1 Credit/Year

Prerequisite: Audition/instructor approval

Symphonic Orchestra is an advanced orchestral ensemble, nurturing extended instrumental techniques and musicianship. Symphonic Orchestra features the inclusion of winds players after the fall concert. Members participate in the fall concert, annual Holiday Pageant, World Arts Festival, TRI-II, spring concert, Commencement, and other excursions. An audition is required for enrollment.

Orchestra— String

USORC (F/S)

Grades 9-12

1 Credit/Year

Prerequisite: Audition/instructor approval

String Orchestra courses help develop students' technique for playing string instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music. An audition is required for enrollment.

NJROTC

Course	Credit	Year	Notes/Prerequisites
NJROTC	1/Year	9 - 12	Enrollment in this course does not obligate the student for military service in any branch.

NJROTC
N01, N02, N03, N04
Grade 9-12
1 Credit/Year
Prerequisite: Instructor approval

The purpose of the NJROTC program is to instill in students in the United States secondary educational institutions the values of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. This is achieved through a curriculum designed to teach the following objectives:

- Promote patriotism.
- Develop informed and responsible citizens.
- Promote habits of orderliness and precision.
- Develop a high degree of personal honor, self-reliance, individual discipline, and leadership.
- Promote an understanding of the basic elements and need for national security.
- Develop respect for and an understanding of the need for authority in a democratic society.
- Promote community service.
- Provide incentives to live healthy and drug free.
- Develop leadership potential.
- Provide an alternative to gangs.
- Promote high school completion.

Cadet experiences are enriched through participation in any one of the seven extra-curricular teams (drill, air rifle marksmanship, orienteering, athletic, color guard, cyber security— Cyber Patriot, or academic), community service projects or extended overnight trips to historically significant sites or military installations throughout the United States.

The course is taught by retired Navy and Marine Corps personnel. Uniforms, text books, training aids, etc. are provided by the U.S. Navy. Enrollment is open to students in grades nine through twelve. Students may take the course for one to four years. Credit can be used to meet the physical education requirement for graduation. If a student is considering joining any branch of the armed forces they should consider enrolling in this course. *Enrollment in this course does not obligate the student for military service in any branch.*

Physical Education

Physical education is integral part of education. It is designed to improve the health and physical well-being of students.

The goal of the program is to provide students a better understanding of their own growth and development. The program provides the opportunities for students' improvement in their physical, social and emotional well being. Enrollment in NJROTC may substitute for the Physical Education required credit.

***PE classes may be repeated for credit.**

Course	Credit	Year	Notes/Prerequisites
Adaptive Physical Education	1/Year	9 - 12	Enrollment in this class by doctor's recommendation, staffing and referral physical education.
Advanced Physical Education	.5/Semester	10 - 12	A passing grade must be maintained or student may be dropped to either PE Team Sports or PE Recreational Activities.
Driver's Education	.5/Semester	10*	*According to birthdate order. Refer to course description.
Health	.5/Semester	9	None
Medical Waiver (No Credit)	None	9 - 12	Physicians referral
Medical Waiver (With Credit)	.5/Semester	9 - 12	Physicians referral
Physical Education Waiver	None	11, 12	Refer to course description.
Recreational Activities	.5/Semester	9 - 12	None
Team Sports	.5/Semester	9 - 12	None

Adaptive Physical Education

P50

Grade 9-12

1 Credit/Year

Prerequisite: Enrollment in this class by doctor's recommendation, staffing and referral by regular physical education instructors.

Adaptive physical education provides special activities in physical education to improve the student's motor skills and general physical condition. The learning experiences assist students to become more aware of their physical potential to psychologically adjust to their individual disabilities. Students are placed in activities to promote social interaction, recreational and lifetime sports skills.

Advanced Physical Education

PEFA, PESA

Grade 10-12

.5 Credit/Semester

Note: A passing grade must be maintained or student may be dropped to Recreational Activities or Team Sports.

The physical education course of study is an activity-based, co-educational program. Sophomores may complete one semester, and Juniors and Seniors may complete a full year of physical education (10 - 12) each school year. The class will be a semester long course which the students will use resistance, plyometric, agility, and core training to try and improve individual power, strength, speed, and performance. The course workouts will be spread over an eight-week span followed by a week of strength testing. An emphasis will be placed on safety and proper resistance training techniques. Freshmen may be enrolled in course with approval by Physical Education department head.

Health

P17

Grade 9

.5 Credit/Semester

Students in Health class study issues that are of major concern to today's teens to help them to prepare to lead a healthy life. Topics include, mental health, dealing with stress and suicide, eating disorders and nutrition, the use and abuse of drugs, alcohol, and tobacco, self-esteem and personality, teen dating violence, sexually transmitted diseases, sex education and abstinence, and First Aid and Cardiopulmonary Resuscitation (CPR).

Physical Education

Medical Waiver

P61 No Credit/P60 With 5 Credit/Semester

Grade 9-12

Prerequisite: Physicians referral

Students who are excused from physical education for the semester or school year with a written medical excuse from a physician receive a grade of "N" for physical education. They will receive no credit for the class. These students should be scheduled into another class to make up the PE credit lost. The students' schedules reflect PE medical. The students are scheduled in a minimum of six regular classes.

Medical Waiver (With Credit) P61

Students who are temporarily excused from physical education class for an injury, illness or pregnancy are required to complete reports to receive a grade for physical education class. Students need to be excused with a physician's medical excuse from class for the semester to require written assignments. After the students return to class, they are no longer required to do written assignments. The assignments are to be given to the Physical Education Department Chair before the grading period ends.

Assignments for PE—Medical

Each nine (9) weeks of PE Medical, a 500 word report for **each** of the following topics is required:

1. Disease
2. Public Health Problem
3. Physical Fitness
4. Sport

The students are assigned an instructor who will meet with the student to discuss the requirements. NOTE: Students excused from PE with a medical excuse cannot participate in sports, pompons, cheerleading, or other physical activity.

Physical Education Waiver

P70

Grade 11-12

NO Credit

NOTE: PE waivers are optional; students may elect to remain in Physical Education class while involved in any sport or qualifying activity. If Physical Education is waived and a student does not participate in and complete the activity for which the waiver is granted, the student is responsible for making up the lost Physical Education credit leading toward graduation. Students must complete the Physical Education Waiver form, following the guidelines provided, and return to the appropriate office by March 24, 2016. Failure to return the form by this date may disqualify the student from a Physical Education Waiver.

A student receiving a Physical Education waiver does not have to participate in a Physical Education class the semester the waiver is granted. The student may elect to take a study hall or additional class instead of PE the semester of the sport or activity. For sports or activities overlapping two semesters only the second semester Physical Education class may be waived. Only one study hall may appear on a student schedule any semester. Students who participate in two activities that primarily occur in two different semesters may seek a waiver for each semester. **The only activity which qualifies for a Physical Education Waiver for the 2016-2017 school year is participation in IHSA athletics for grades 11 and 12 (one semester waiver per sport.)**

Recreational Activities

PERECF/PERECS

Grade 9-12

.5 Credit/Semester

The physical education course of study is an activity-based, co-educational program. Freshmen and Sophomores are required to complete one semester, and Juniors and Seniors complete a full year of physical education each school year. This course will provide the opportunity for the introduction, discussion, and practice of various ways that individuals can get fit and stay fit. Many different types of workouts will be offered, including, but not limited to: active games, yoga, circuit training, kick boxing, jump rope, walking/jogging, interval training, core body strength, hand weights, medicine balls, therabands, plyometrics, exercise balls, hip hop aerobics, Zumba and more. A nutrition and activity journal may be kept with progression and achievement visible to the student. Fitness assessments/goal tracking will be done throughout the semester to check improvement. A greater emphasis will be placed on goal setting, program design, and implementation of a fitness plan. Students will complete the Fitnessgram assessment at the beginning and end of each semester with the goal of improvement in all five Fitnessgram assessments.

Physical Education

**Team Sports
PETF/PETSS**

Grade 9-12

.5 Credit/Semester

The physical education course of study is an activity-based, co-educational program. Freshmen and sophomores are required to complete one semester and Juniors and Seniors complete a full year of physical education each school year. Students will learn the basic skills in a variety of team sports. Along with a variety of activities students will participate in one to two days of physical conditioning each week. The physical conditioning, or fitness days, will focus on improving cardiovascular fitness, muscular strength and endurance, and flexibility. A greater emphasis will be placed on knowledge of rules/strategies and developing team building skills. Students will complete the Fitnessgram assessment at the beginning and end of each semester with the goal of improvement in all five Fitnessgram assessments.

Driver's Education

Course	Credit	Year	Notes/Prerequisites
Driver's Education	.5/Semester	10	Sophomore status & attainment of age 15 upon enrollment. Passing grades in at least 8 courses during previous two semesters. (Per Illinois State Code 5/27-24.2)

Driver's Education

P13

Grade 10

.5 Credits/Semester

Level: According to birth date order

Prerequisite: Sophomore status & attainment of age 15 upon enrollment. Passing grades in at least 8 courses during previous two semesters. (Per Illinois State Code 5/27-24.2)

Students complete a semester of classroom work in Driver's Education. This is the classroom phase of the Driver Education program. The textbook is entitled Tomorrow's Drivers. The purpose of the course is designed to have students learn the classroom concepts that are applicable in the behind-the-wheel training. Students enrolled in Driver's Education are scheduled for the lab by the Driver Ed staff according to age and student availability. Students are required to have 30 hours of class instruction and 6 hours of driving instruction.

Science

Course	Credit	Year	Notes/Prerequisites
Anatomy and Physiology	1/Year	11, 12	Successful completion of Biology with a "C" or better; Chemistry is strongly recommended
Biology	1/Year	9 - 12	None
Biology Honors	1/Year	9 Only	None
AP Biology (Dual Credit or AP)	1/Year	11, 12	Biology, Chemistry, and Physics (Physics may be waived with instructor's approval)
Chemistry	1/Year	10 - 12	Completion of a year of Biology & Integrated Math I (each with "C" or better)
Chemistry Honors I	1/Year	10 - 12	Completion of a year of Biology & Integrated Math I (each with "C" or better)
Chemistry Honors II	1/Year	11, 12	Completion of Chemistry Honors I or Chemistry with Instructor's permission.
Earth Science	1/Year	10 - 12	Biology
Forensic Science	1/Year	10 - 12	Biology
Physics	1/Year	11, 12	Successful completion (C or better) in Biology and Chemistry, and a B or better in Integrated Math II

Anatomy and Physiology

S29

Grade 11-12

1 Credit/Year

Prerequisite: Successful completion of Biology with a "C" better; Chemistry is strongly recommended.

Anatomy & Physiology is a college prep course in which students study the anatomy (structure) and physiology (function) of the human body. Students will learn the terminology associated with the human body systems while learning to identify the structures of those systems. Labs, including dissection, will be used as a tool for studying the anatomy and physiology of the human body.

Biology

S20

Grade 9-12

1 Credit/Year

This course is the study of all living things. It incorporates principles and concepts applicable to life at all levels. Major topics of biology are introduced, discussed and investigated in the laboratory. Topics studied include ecology, cells, genetics, and evolution.

Biology Honors

S20H

Grade 9

1 Credit/Year

This course is the study of all living things. It incorporates principles and concepts applicable to life at a more intensified and higher level of learning than the regular biology course. Topics studied include ecology, cells, genetics, and evolution.

Science

AP Biology **Dual Credit or AP option** **S20H2**

Grade 11-12
1 Credit/Year

Prerequisite: Biology, Chemistry, and Physics (Physics may be waived with instructor's approval)

Biology Honors 2 is a college level course that allows motivated students the opportunity to earn college credit while in high school. It is an in depth study of molecules and cells, heredity and evolution, and organisms and populations. An AP exam is taken at the end of the school year, which is graded, on a scale of 1-5. Most colleges and universities will give credit for scores of 3 or higher.

Chemistry

S30

Grade 10-12
1 Credit/Year

Prerequisite: Completion of a year of Biology, Integrated Math I each with a grade of "C" or better.

Chemistry is a physical lab science that includes a quantitative approach to chemistry concepts and applications requiring basic math/algebra skills. Topics include the particle nature of matter, the atomic/molecular analysis of macroscopic phenomena, chemical and physical properties, atomic structure, periodic trends, chemical bonding, chemical formulae and equations, general patterns of chemical reactivity, and mass relations in chemical change. Emphasis is focused on skill building and development of critical thinking strategies and effective communication of ideas related to the scientific process.

Chemistry Honors I

S30H1

Grade 10-12
1 Credit/Year

Prerequisite: Successful completion of a year of Biology, Integrated Math I each with a grade of "C" or better.

Chemistry Honors is a physical lab science that is highly math and application based. Concepts covered require proficiency in algebra and general measurement and strong general math skills. The course explores a more in-depth look at the particle nature of matter and the atomic/molecular analysis of macroscopic phenomena. Topics studied include the atomic structure; period trends; chemical bonding/forces that influence chemical behavior; chemical formulae and equations; general patterns of chemical reactivity; and the quantitative relationships of mass, energy, and properties of matter.

Chemistry Honors II

Dual Credit Option Available

S30H2

Grade 11-12
1 Credit/Year

Prerequisite: Completion of Chemistry Honors I or Chemistry with Instructor's permission.

Honors Chemistry II is a follow up course to Honors Chemistry. The course covers chemical properties and interactions in more detail and introduces additional, more advanced topics and applications. Advanced topics include behaviors of solids, liquids, and gases, energy conservation and transfer, equilibrium, thermodynamics, kinetic theory, and nuclear chemistry.

Earth Science

S33

Grade 10-12
1 Credit/Year

Prerequisite: Biology

Earth Science is an in-depth study of the processes, compositions and structures of our planet. Emphasis is on the water cycle, rock cycle, earth's biography and plate tectonics.

Forensic Science

S32

Grade 10-12
1 Credit/Year

Prerequisite: Biology

Forensic Science is a lab-based science course that incorporates biology, anatomy, chemistry, and physics into a discussion of the application of science to law. By the end of the course, students will have an understanding of the history, occupations, lab procedures, and practices involved in the operation of a forensic science lab.

Science

Physics

S40

Grade 11-12

1 Credit/Year

Prerequisite: Successful completion (C or better) in Biology and Chemistry, and a B or better in Integrated Math II

Physics is a laboratory-based course designed to meet the requirements for students who expect to enter mathematical and scientific, or engineering fields. It includes a study of mechanics, energy, waves and electricity.

Social Studies

Course	Credit	Year	Notes/Prerequisites
Advanced Placement European History	1/Year	10-12	None
Advanced Placement US History	1/Year	11, 12	None
African-American History	1/Year	10-12	None (US History recommended)
American Government and Civics	.5/Semester	10	None
American Government and Civics Honors	.5/Semester	10	None
American Women's History	1/Year	10-12	None
Current Events	.5/Semester	9, 10	None
Geography	1/Year	10-12	None
International Affairs	.5/Semester	10-12	None
Psychology	.5/Semester	11, 12	None
Research Methods in Psychology & Sociology	.5/Semester	12	A or B in Psychology I and/or Sociology I or instructor approval
Sociology	.5/Semester	11, 12	None
United States History	1/Year	11	None
United States History Honors	1/Year	11	None
World History (2 semesters highly recommended)	1/Year	9	None
World History Honors	1/Year	9	None

Required Courses in Social Studies

One semester of American Government and Civics	One year of US History	One semester of electives
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Advanced Placement European History

H50

Grade 10-12

1 Credit/Year

AP European History develops an understanding of the main themes in modern European history, including political and diplomatic, intellectual and cultural, and social and economic history. Analyzing historical evidence is integrated into the whole picture of the modern history of Europe. Using a college-level textbook, this course begins with the Renaissance and concludes with the demise of communism in Eastern Europe, the reunification of Germany, and the crisis of global terrorism. This course requires a significant amount of reading and writing on the subject of European History. Students who enroll should consider the amount of time the course requires, especially during the spring semester. The AP European History Exam is given in May.

Advanced Placement United States History

H49

Grade 11-12

1 Credit/Year

This is an introductory college course on United States History. Students study the period from the first explorations to the present in preparation for the 3-hour AP exam given in May. The course, by design, requires a significant amount of reading and writing on the subject of United States History and uses a college level textbook. Students are assigned activities to complete over the summer in order to prepare them for the fall semester. Students who enroll should consider the amount of time the course requires throughout the year, but especially during the spring semester in the weeks leading up to the national AP US History Exam.

Social Studies

African-American History

H42

Grade 10-12

1 Credit/Year *Can be taken as a semester class

This course will trace African Americans' role in United States history. The class will begin with the meeting of three worlds (Europe, Africa, and North America) during the colonial period to the present. This class could be split into African American History 1 (to 1865) and African American History 2 (since 1865) as two separate semester elective classes.

American Government and Civics

H20

Grade 10

.5 Credit/Semester

This course begins with an examination of how the United States was first settled, and how our political traditions began. The influence of the colonial era and the American Revolution on the development of American political traditions and ideas is addressed. A comprehensive examination of the United States Constitution and the Illinois Constitution is also undertaken. In addition, throughout the course, an emphasis is placed on the role of the citizen in a democratic republic, and students are exposed to the various ways that citizens can participate in American government at all levels.

Note: This course meets the Government and Constitution requirements for graduation, per School Code of IL 105 ILCS 5/27-4.

American Government and Civics Honors

H20H

Grade 10

.5 Credit/Semester

This course covers the same material and focuses on the same skills as American Government and Civics. However, as an honors course—the class moves at a faster pace, and students are expected to be reading at or above grade level. Students who have an above average interest in history and political events taking place in the United States are also encouraged to consider the honors course. Before enrolling in this course, students should consider the time that they have available to dedicate to more challenging assignments and readings.

Note: This course meets the Government and Constitution requirements for graduation, per School Code of IL 105 ILCS 5/27-4.

American Women's History

H45

Grade 10-12

1 Credit/Year *Can be taken as a semester class

From before suffragettes to the Equal Rights Amendment, this class will be a survey of women's historical experiences in the United States from the colonial era to the present. The course will examine women's history as both an integral part of United States history (roles in the home, at work, in government, and at war) and as a unique subject of historical investigation. This class, in a historical context, will cover topics such as gender discrimination, suffrage, birth control, employment, separate spheres, abortion, socioeconomic status, Women's Rights movement, and sexuality.

Current Events

H47

Grade 9-10

.5 Credit/Semester

This one semester elective course is designed for freshmen and sophomore students. The focus of this course will be on writing, speaking, discussing and contemplating current events taking place throughout the world and in our country. Special emphasis will be placed on evaluating sources of information in the digital age.

Geography

H44

Grade 10-12,

1 Credit/Year *Can be taken as a semester class

Prerequisite: *Sophomore who has earned a "C" or better in World History

Geography involves a detailed study of the name and location of the continents, oceans and countries of the world, and the major cities, provinces, states and mountain systems. The course includes a study of worldwide social and political problems, population, natural resource distribution, and the concept of interdependence that exists among countries of the world. One-half of the world is studied during the first semester; the other half studied during the second semester. The assignments are taken from a college-level textbook.

Social Studies

International Affairs

H43

Grade 10-12

.5 Credit/Semester

This course is open to juniors, but has traditionally been a senior elective. The purpose of the course is to expose students to events taking place throughout the world. The course will require that students be willing to read about, think about and write about events taking place around the world. Our focus will be on international politics, economics, and social movements. The class will engage in discussions and debates over these topics/events, and students will be expected to write about many of the topics that we cover. Much of the reading will be college level, and writing assignments will be designed to give students the opportunity to improve writing skills.

Psychology

H40

Grade 11-12

.5 Credit/Semester

Psychology is a survey course designed to help students understand the underlying principles of that shape human behavior. Research, intelligence, memory sensation and perception, personality, and mental health are some of the major topics studied. Participation is required and assignments are taken from a college-level textbook.

Research Methods in Psychology & Sociology

H40H41

Grade 12

.5 Credit/Semester

Prerequisite: A or B in Psychology and/or Sociology. Below a B will require instructor approval.

Social Psychology/Independent Study in Sociology/Psychology is an elective, semester long course at Freeport High School intended as a college-level course. This course gives students interested in pursuing possible career paths in the social sciences an opportunity to learn fundamental research and writing skills within the discipline. It is intended for students who took Psychology I and/or Sociology I and got an A or B and wish to take their interest in the discipline further. For the duration of this course, students write a semester-long research paper on a topic of their choice utilizing the Scientific method and 7-step research model (Schaeffer:1989, Henslin: 2008). They will also participate in Socratic seminars and a research symposium at the end of the course.

Sociology

H41

Grade 11-12

.5 Credit/Semester

Sociology is a survey course that examines social dynamic and group behavior. The course is designed to provide students with an opportunity to learn social science skills and concepts. Sociology involves the study of theory, social structure, culture, and socialization. Sociologists seek to understand and solve social problems such as inequality and racism. **This course uses assignments from a college-level textbook.**

United States History

H30

Grade 11

1 Credit/Year

Students study American history from 1920 to the present. Emphasis is on the modern period, to include the following: reform moments (Progressivism) of the twentieth century, and the rise of the United States to a position of international leadership. The first semester of the course will cover United States from 1920—1952. The second semester will cover this country's history from 1952 to the present day.

United States History Honors

H30H

Grade 11

1 Credit/Year

Prerequisite: None

This course covers the same material and focuses on the same skills as United States History. Because the course uses a college level textbook, students are expected to be reading at or above grade level. The course also moves at a different pace. Students with an above average interest in the history of the United States are also encouraged to consider the honors course. Before enrolling in this course, students should consider the time that they have available to dedicate to more challenging assignments and readings. The first semester of the course will cover United States from 1920—1952. The second semester will cover this country's history from 1952 to the present day.

Social Studies

World History

H10

Grade 9

1 Credit/Year

Designed for freshmen students, this course examines the social, political, and economic movements and ideas that have shaped the modern world. Topics studied include: an examination of 5 significant world religions, the Industrial Revolution, 19th century imperialism, followed by a focus on 20th century social, political and economic movements that have resulted in an ever increasing interdependent world. Students will be challenged to read, analyze the meaning and significance of secondary and primary source material, develop historical thinking skills, analyze maps and charts, and improve their ability to express themselves in writing.

World History Honors

H10H

Grade 9

1 Credit/Year

This course covers the same material and focuses on the same skills as World History. However, as an honors course—the class moves at a faster pace, and students are expected to be reading at or above grade level. Students who have an above average interest in history are also encouraged to consider the honors course. Before enrolling in this course, students should consider the time that they have available to dedicate to more challenging assignments and readings.

Special Education

Course	Credit	Year	Notes/Prerequisites
Adaptive Physical Education	1/Year	9 - 12	IEP recommendation
American Government & Civics (2020)	1/Year	9 - 12	IEP recommendation; offered only every third year in conjunction with World History and US History
Biology	1/Year	9 - 12	IEP recommendation; offered only every third year in conjunction with Health and Science Survey
Careers B	1/Year	9 - 12	IEP recommendation
English B	1/Year	9 - 12	IEP recommendation
Future Planning	.5/Semester	10 - 12	IEP recommendation
Intensive Reading	1/Year	9 - 12	IEP recommendation; placement will be made by the Special Education staff, reading coach and the administration
Health	1/Year	9 - 12	IEP recommendation; offered only every third year in conjunction with Biology and Science Survey
Integrated Math 1 B	1/Year	9 - 12	IEP recommendation
Integrated Math 2 B	1/Year	9 - 12	IEP recommendation
Integrated Math 3 B	1/Year	9 - 12	IEP recommendation
LIFT Academy	1/Year	9 - 12	IEP recommendation
Math B	1/Year	9	IEP recommendation
Practical Application Cross Categorical (PACC)	1/Year	9 - 12	IEP recommendation
Science Survey (2021)	1/Year	9 - 12	IEP recommendation; offered only every third year in conjunction with Biology and Health
Secondary Transitional Experience Program (STEP)	1/Year	10 - 12	16 years old, IEP recommendation or 504 plan & DRS Approval
Social Emotional Learning Focus (SELF)	1/Year	9 - 12	IEP recommendation
Strategies for Success	1/Year	9 - 12	IEP recommendation, 504 plan, or administrative approval
US History (2021)	1/Year	9 - 12	IEP recommendation; offered only every third year in conjunction with American Government and Civics, and World History
World History	1/Year	9 - 12	IEP recommendation; offered only every third year in conjunction with American Government and Civics, and US History

Special Education

American Government and Civics

RRRG

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

Note: Offered only every third year in conjunction with World History and US History

The government course will include a study of the functions of local, state and federal levels of government. A comprehensive exam of the constitutions of Illinois and US will be given. Students will study the early historical development of United States, which will encompass such issues as the establishment of federal authority, and the expansionist movement.

Biology (2021)

RSB

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

Note: Offered only every third year in conjunction with Health and Science Survey

This course is the study of all living things. It incorporates principles and concepts applicable to life at all levels. Major topics of biology are introduced, discussed and investigated in the classroom.

Careers B

CTECB

Grade 9-12

.5 Credit/Semester

Prerequisite: IEP recommendation

The Careers course (9th grade) introduces students to the 16 career pathways and provides them with insight into their strengths, interests and abilities to help guide them to a career pathway. In order to instill strong habits, the course will also actively teach AVID based study and preparation tools that will assist students in their focus on academic.

English B

RESLC/RESUC

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

The English part of the course will follow the same English curriculum as regular education English with modifications. English 1B will instruct students reading at a below 4th grade level. English 2B will instruct those who are reading at or above the 4th grade reading level.

Future Planning

XL10

Grade 10-12

.5 Credit/Semester

Prerequisite: IEP recommendation

Course content may include study skills, and individual tutorials, job preparation, readiness, application and interview skills, personal assessment and awareness activities. Project based learning activities will be used to teach students decision making, teamwork self determination skills, and the value of curiosity and persistence.

Intensive Reading

RRB

Grade 9-12

1 Credit/Year

Prerequisite: IEP, 504 Plan, or other circumstances as determined by administration

Note: One to four years placement determined by assessments, administrative review, and teacher/reading coordinator approval

Students who have demonstrated a need for additional support in developing reading skills will be placed in this course. This course is designed to improve student reading comprehension, decoding and reading fluency skills. Students are introduced to strategies that will improve comprehension of modified, non-fiction, and other forms of literature. The course will support students in all content areas while teaching and reinforcing strategies and skills in word recognition, vocabulary, fluency, text familiarity, and test taking. Students will engage in book talks, independent reading and other forms of literary interpretation. Sections of the course may be modified from semester to semester to fit the needs and reading levels of students enrolled.

Special Education

The PACC program is committed to a Home/School Collaboration model that actively seeks to support families and the long-term development of their children. We believe parents must be active and visible participants in decision making at all levels throughout the school years.

Science Survey (2021)

RSSS

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

Note: Offered only every third year in conjunction with Biology and Health

The focus of this class is to examine the scientific method from beginning to conclusion focusing on consistent scientific practices with emphasis on test design, experimentation, and recording and reporting results.

Secondary Transitional Experience Program

STEP

XL6, XL7

Grade 9-12

1 Credit/Year

Prerequisite: 16 years old and IEP recommendation, 504 plan and DRS approval

The Secondary Transitional Experience Program is for students who qualify under the guidelines of the Department of Rehabilitation Services. Students work at the site or on school grounds during part of the school day with direct supervision from the job coordinator. Off-campus placements are made when appropriate.

Social Emotional Learning Focus

SELF

XEDB, XEDE, XEDH, XEDM, XEDPE, XEDR, XEDS, XEDWH

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

This self-contained program is designed to give students a very structured environment in which they complete academic requirements. Counseling is done on a daily/weekly basis. Movement around the building is limited. Students are scheduled for these courses according to the IEP team decision.

Strategies for Success

RSI

Grade 9-12

1 Credit/Year

Prerequisite: IEP, 504 Plan, or other circumstances as determined by administration

This course will include Cornell note taking skills, organizational skills, test taking strategies, and cooperative learning activities. Higher level thinking skills, social skills, high school graduation requirements, and types of secondary school programs and understanding the basic IEP components will be covered.

US History (2021)

RSSUS

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

Note: Offered only every third year in conjunction with American Government and Civics, and World History

Students study American history from the Civil War to the present. Emphasis is on the modern period, to include the following: reform moments (Progressivism) of the twentieth century, and the rise of the United States to a position of international leadership. The first semester of the course will cover United States from the Civil War to 1920. The second semester will cover this country's history from 1920 to the present day.

Special Education

Health

RRH

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

Note: Offered only every third year in conjunction with Biology and Science Survey

Students study issues that are of major concern to today's teens to help them to prepare to lead a healthy life. Topics include, mental health, dealing with stress and suicide, eating disorders, and nutrition, and use and abuse of drugs, alcohol, and tobacco, self-esteem and personality, teen dating, violence, sexually transmitted diseases, sex education and abstinence, First Aid and cardiopulmonary resuscitation.

Integrated Math I B

RMA

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

It is a beginning course which is completed in one year. Some of the topics covered are review of operations with fractions, word problems, units conversion, perimeters, graphing, and distributive property. It also covers operations with signed numbers, equations solving, polynomials and factoring.

Integrated Math II B

RMG

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation. Students who have successfully completed Integrated Math I B will be placed into Integrated Math II B.

Some of the topics covered are review of operations with fractions and word problems. It includes a study of lines, planes, angles, polygons and circles.

Integrated Math III B

RMH

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation. Students who have successfully completed Integrated Math II B will be placed into Integrated Math IIIB.

Some of the topics covered in this course are: exponents, graphing, word problems, slope, writing and solving equations, and properties of parallel lines.

LIFT Academy

Learning Independence Freeport Transition

XL8

Grade 9-12

Ages 18-21

1 Credit/Year

Prerequisite: IEP recommendation

LIFT Academy is a post-secondary program aimed at supporting young adults (ages 18-21) during their transition from school into adulthood. Students attend based on an IEP decision. Experience and instruction focus on independent living, functional academics, self-determination, career development, community access, and volunteerism. Course topics include independent living skills/strategies, access to community resources, and responses to emergency situations.

Math B

RMB

Grade 9

1 Credit/Year

Prerequisite: IEP recommendation

This course emphasizes computation with whole numbers, decimals, fractions and problem-solving involving these numbers. Topics studied include measurement, ratio, proportion, percent, graphs, consumer skills, scale drawings, perimeter, area, volume, formulas and polygons. **Students who have successfully completed algebra in any form cannot be enrolled.**

Practical Application Cross Categorical (PACC)

XL1, XL2, XL3, XL4, XL5, XL6, XL7, XS1, XS2, XS3, XS4, XS5, XS7, XSS

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

The core of this program is devoted to the content areas that directly prepare a student to function in the real world: functional academics, communication skills, interpersonal skill, independent living skills, leisure skills, pre-vocational skills and vocational skills. PACC skills are 1) those skills which will assist an individual to interact with his/her environment as independently as possible 2) those skills that are necessary to allow an individual to become a contributing member of society 3) those skills which develop in the student a sense of dignity and worthiness 4) those skills which are necessary for an individual to manage his/her own personal affairs.

Special Education

World History (2021)

RWH

Grade 9-12

1 Credit/Year

Prerequisite: IEP recommendation

Note: Offered only every third year in conjunction with American Government and Civics, and US History

This course traces the human journey through the ages from earliest times to the present. Topics include: the development of ancient civilization; the rise of the great religions; the development of the nation-state concept; the rise of modern Europe, the spread of imperialism/democracy/communism; world wars and the emergence of the third world countries.



FREEPORT HIGH SCHOOL WELCOMES YOU!!