

Joliet Township High School
Course Offering Guide

2017
2018
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Joliet Township High School

District 204

2027-2028

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Dr. Joy Bacino	Executive Director of Special Services	815-727-6984

Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973

Joliet Township High School District 204 follows the provisions of ADA and Section 504 of the Rehabilitation Act of 1973 that prohibits discrimination on the basis of an individual's disability and offers to persons with a disability the opportunity to participate fully in all educational programs and activities. The ADA and Section 504 Coordinator is Mrs. Dianne McDonald, Assistant Superintendent for Educational Services.

Joliet Township High School District 204 ensures equal educational opportunities are offered to students, regardless of race, color, national origin, age, gender, religion, disability, veteran's status, or marital status.

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GRADUATION REQUIREMENTS *(Board Policy 6:300)*

The minimum requirements for graduation are 22.0 credits as follows:

_____	English (Taken sequentially)	4 credits
_____	Math (Must include a minimum of Algebra 1, Geometry, and Advanced Algebra)	3 credits
_____	Science (At least one credit must be in Biology or Principles of Biomedical Science)	2 credits
_____	Social Science (Credits must be in Pre-AP World History, or AP Human Geography, U.S. History, and American Government)	2.5 credits
_____	Health	.5 credit
_____	Art/Career & Technical Education/Music/World Language (In any combination. Proficiency in American Sign Language shall be considered an alternative to a world language)	1 credit
_____	Physical Education (Enrollment in Physical Education or ROTC each semester in school except the semester of Health and the semester of Driver Education unless exempt under other Board policies.)	
_____	Consumer Education (Illinois Consumer Education Requirement can be met by taking Economics, Personal Finance, AP Business with Personal Finance, or Workplace Internship Course	
_____	All students must successfully pass American Government.	
_____	All students must take the mandated state assessments unless the student is exempt according to 105 ILCS 5/2-3.64.	
_____	All students must have 40 hours of Community Service (Transfer students need 5 hours for each semester they are in attendance)	
_____	Beginning with the 2020-2021 school year, filing one of the following: (1) a Free Application for Federal Student Aid (FAFSA) with the U.S. Dept. of Education, (2) an application for State financial aid, or (3) an Illinois State Board of Education (ISBE) waiver form indicating that the student understands what these aid opportunities are and has chosen not to file an application. If the student is not at least 18 years of age or legally emancipated, the student's parent/guardian must file one of these documents on the student's behalf. A student is exempt from this requirement if: (1) the student is unable to file a financial aid application or an ISBE waiver due to extenuating circumstances, (2) the Building Principal attests the District made a good faith effort to assist the student or the student's parent/guardian with filing a financial aid application or an ISBE waiver form, and (3) the student has met all other graduation requirements.	

Graduation requirements are subject to change due to Illinois School Code and/or JTHS Board policy.
*Beginning with the Class of 2027, Pre-AP World History/Geography replaces World Affairs.

COLLEGE ENTRANCE REQUIREMENTS

Students planning to enter a four-year university or who plan to enroll in a community college transfer degree program should complete the following recommended course of study:

English	4 Years
Math (including Algebra, Geometry, Advanced Math)	4 Years
Science (must be Laboratory Sciences)	3 Years
Social Science	3 Years

Each college has its own entrance requirements, and it is essential that parents and students carefully review the specific requirements for admission to the colleges being considered.

GRADING

Grade Point Average (GPA) *(Board Policy 6:330)*

Courses are designated as either weighted or unweighted. A weighted grade system is used at JTHS to compute Grade Point Average (GPA). Weighted grades take into account both student achievement and course difficulty. A grade weight is given to each course based upon its relative difficulty.

The following two-tiered weighting system will be used to compute Grade Point Average (GPA).

Unweighted Courses		Weighted Courses	
A	4	A	5
B	3	B	4
C	2	C	3
D	1	D	2
F	0	F	0

Grades are assigned numeric equivalents as follows:

A = 4 points B = 3 points C = 2 points D = 1 point F = 0 points

The grading system used for progress and semester reports is as follows for all students:

100	-	90	=	A	F = 59 and Below
89	-	80	=	B	I = Incomplete
79	-	70	=	C	WP = Withdrawal Passing
69	-	60	=	D	

Students receiving an "I" have two (2) weeks in which to complete the work. It is the student's responsibility to contact the teacher with regard to completion of course requirements. If the requirements are not completed within two weeks, the grade becomes an automatic "F".

Students withdrawing from a class AFTER the first nine weeks of a semester, will receive a "WP" if passing the class at the time of withdrawing and an "F" if failing at the time of withdrawal. Student permanent records reflect semester grades only.

Academic Recognition *(Board Policy 6:280)*

JTHS has adopted a system of Cum Laude recognition based on the following GPA.:

3.5 to 3.74 = Cum Laude

3.75 to 3.99 = Magna Cum Laude

4.0 = Summa Cum Laude

Campus Parent Portal

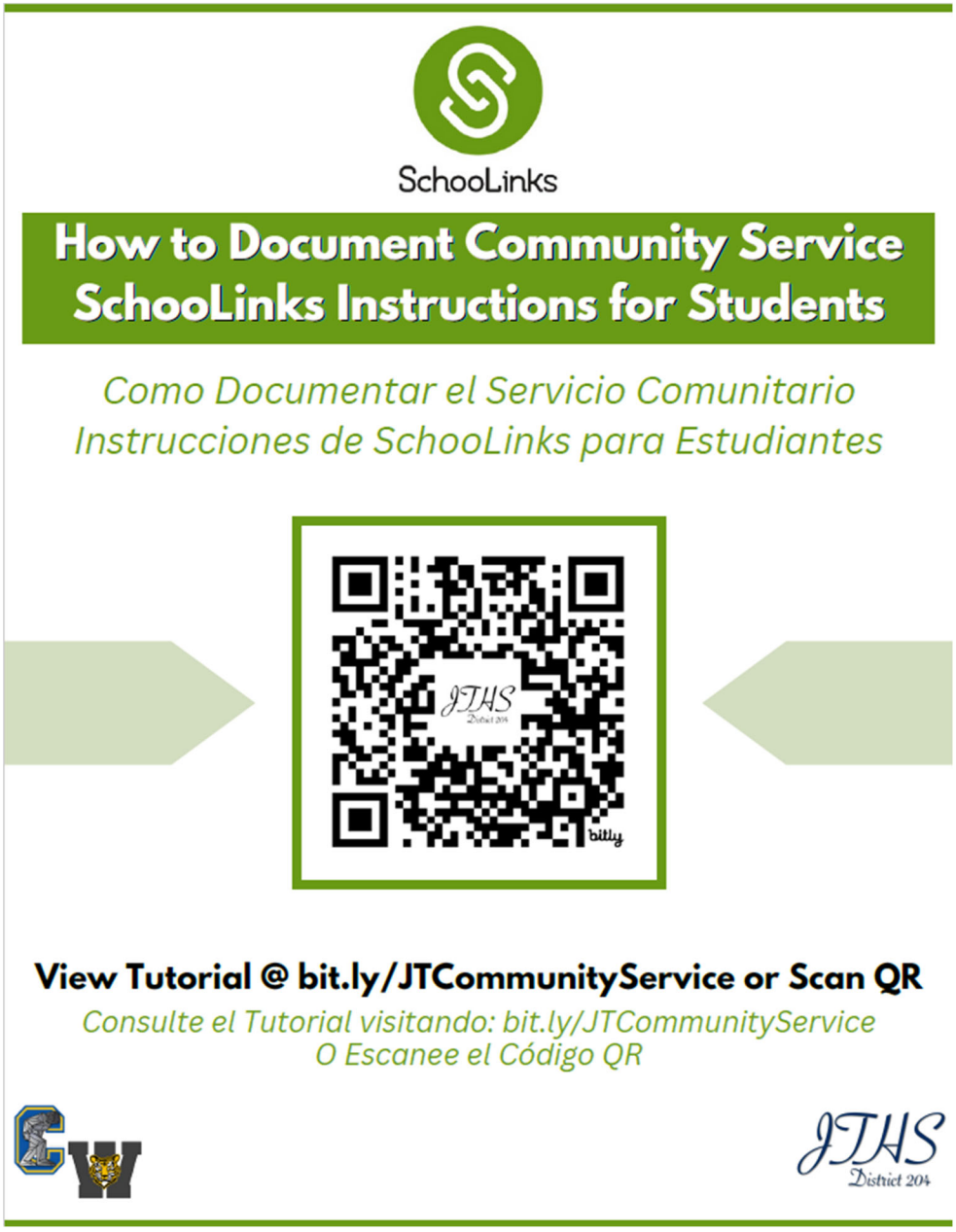
We strongly encourage all parents to monitor progress on a regular basis through the Campus Parent Portal. Campus Parent is accessible over the internet and provides current information regarding students such as assignments, attendance, behavior, documents, grades, schedules and more. Also, links are provided throughout for contacting each student's teachers by email. Alerts can be setup for things like assignment scores, attendance updates and grade updates by choosing "Settings" and then "Notification Settings" from the drop down in the upper right hand corner person icon. Campus Portal is available at https://jolietil.infinitecampus.org/campus/portal/joliet.jsp, use the dropdown "Quick Links" option available in the upper right hand corner of our website at www.jths.org or download the Campus Parent mobile app from the App Store or Google Play. For assistance, please contact the Information Technology Services by emailing centralstudenthelpdesk@jths.org, weststudenthelpdesk@jths.org or by calling 815-727-6860.

COMMUNITY SERVICE EXPERIENCE *(Board Policy 6:300)*

Community service is an act which contributes to the improvement of a community. In order to graduate, all students shall complete 40 HOURS of voluntary (no pay) community service. (Transfer students need 5 HOURS for each semester they are in attendance). Activities completed through a school or not-for-profit organization that benefits a community may be considered for community service credit. This requirement is for the betterment of the student and community. Students are responsible for selecting an appropriate service, contacting the responsible agency, preparing and processing an application form, completing the service, and returning a verification certificate to the school.

The student's counselor will maintain a record of community service as part of the student's file.
Service to the school district is acceptable if the service is completed outside the regular school day.

The service agency is responsible for screening and approving specific applicants. The service agency is also responsible for all supervision and for completing the verification document. The student is expected to conform to all requirements and expectations of the service agency. The service agency can terminate the arrangement at any time with or without cause.



How to Document Community Service SchooLinks Instructions for Students

1. Log into SchooLinks
   - You can use your clever website OR our website www.jths.org

2. On your home dashboard, Click on "Engage" on the left side and scroll down to "Experience Tracking"

3. Under "Community Service Hours" click the + in the right corner

4. Fill out the Community Service Form and click save

Note: Students must verify their community service hours by adding your supervisor's e-mail address.

What qualifies as community service hours...

An appropriate community service activity will benefit community members physically, mentally, or socially, and the student must not earn payment or credit for their service. The activity must be sponsored by a not-for-profit organization, such as a school, church, library, or community center. Service at a private home or business, such as babysitting, does not count as school-approved community service.

Cómo Documentar tu Servicio Comunitario Instrucciones de SchooLinks para estudiantes

1. Iniciar sesión en SchooLinks
   - Puedes usar el sitio de web "Clever" O nuestro sitio web www.jths.org

2. En tu panel de inicio, haz clic en "Engage" (Participar) en el lado izquierdo y desplázate hacia abajo hasta que veas "Experience Tracking" (Seguimiento de Experiencias)

3. Debajo de "Community Service Hours" (Horas de Servicio Comunitario), haz clic en el signo + en la esquina derecha

4. Llena el formulario de servicio comunitario y haz clic en "Save" (Guardar)

Nota: Los estudiantes deben verificar sus horas de servicio comunitario incluyendo la dirección de correo electrónico de su supervisor.

¿Qué se considera como horas de servicio comunitario?

Una actividad de servicio comunitario adecuada beneficiará a los miembros de la comunidad física, mental o socialmente, y los estudiantes no deben recibir pago o crédito por su servicio. La actividad debe estar patrocinada por una organización sin fines de lucro, como una escuela, iglesia, biblioteca o centro comunitario. El servicio en una casa o negocio privado, como el cuidado de niños, no cuenta como servicio comunitario aprobado por la escuela.

Student Name/Nombre del estudiante: _____

Student ID Number/Número de identificación del estudiante: _____

Date/Fecha: _____

Number of hours completed/Número de horas completadas: _____

Name of Agency/Nombre de la Agencia: _____

Supervisor Name/Nombre del supervisor: _____

Supervisor E-mail/Correo electrónico del supervisor: _____

Supervisor Phone Number/Teléfono del supervisor: _____

PHYSICAL EDUCATION *(Board Policy 6:310)*

A. Enrollment in Physical Education or ROTC each semester in school except the semester of Health and the semester of Driver Education unless exempt under other Board policies.

B. Students may apply for an approved exemption from Physical Education if they meet one of the following requirements:
   1. Ongoing participation in a marching band program for credit;
   2. Enrollment in Reserve Officer's Training Corps (ROTC) program sponsored by the District;
   3. Ongoing participation in an interscholastic or extracurricular athletic program;
   4. Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th or 12th grade); or
   5. Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate (student must be in the 11th or 12^{th} grade).

SUMMER SCHOOL

The Joliet Township High School Summer School program begins in June and offers a variety of high school credit courses. Students may enroll in summer school after the start of the second semester of the current school year. Students should see their counselor regarding summer school enrollment. Courses may or may not be offered, depending upon the number of students enrolled. The Summer School program is self-supporting with most courses requiring tuition and fees.

JTHS offers summer school coursework for students that received an F in any of the following core courses:

English	**Math**	**Bilingual**
English 1 – 4	Algebra 1	ESL 1
Instructional English 1-4	Geometry	ESL 2
	Advanced Algebra	Bilingual Algebra
	Instructional Math 1 – 3	Bilingual Geometry

More information can be found here: https://www.jths.org/academics/summer-school

TRANSFER STUDENT INFORMATION

Students' transcripts will be evaluated and converted to the District 204 weighted grade system. The grade weight assigned to a specific course will be changed if the student can provide evidence that a higher-grade weight is warranted.

Transfer students should carefully read the policies regarding the Physical Education/Driver Education/ROTC exclusion options and contact their counselors within ten (10) school days following registration if they wish to apply for either of these options

NCAA ELIGIBILITY REQUIREMENTS

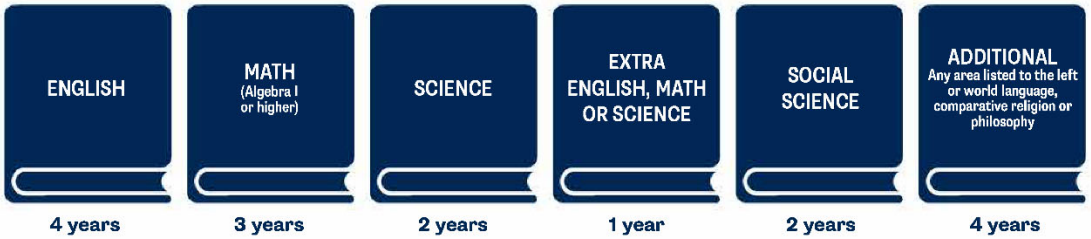
The National Collegiate Athletic Association regulations regarding college freshman eligibility to receive athletically related financial aid and to participate in athletics at any Division I and II college or university are as follows:

Division I Academic Standards

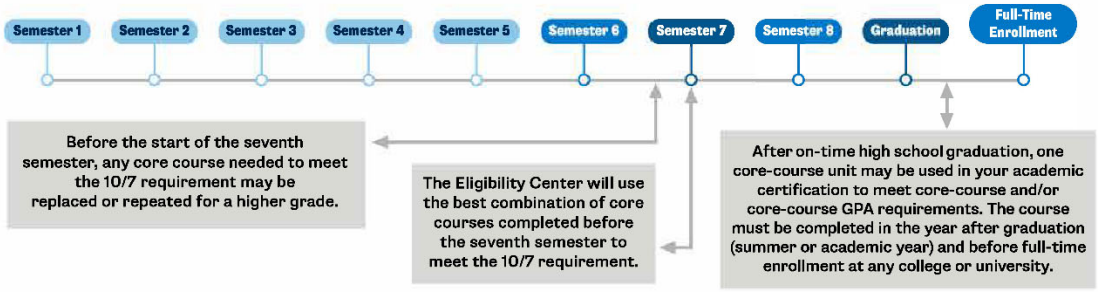
Division I schools require you to meet **academic standards**. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

NCAA DIVISION I

1. **Register** for an Academic and Athletics Certification account.
2. Earn 16 **NCAA-approved core-course** credits in the following areas:

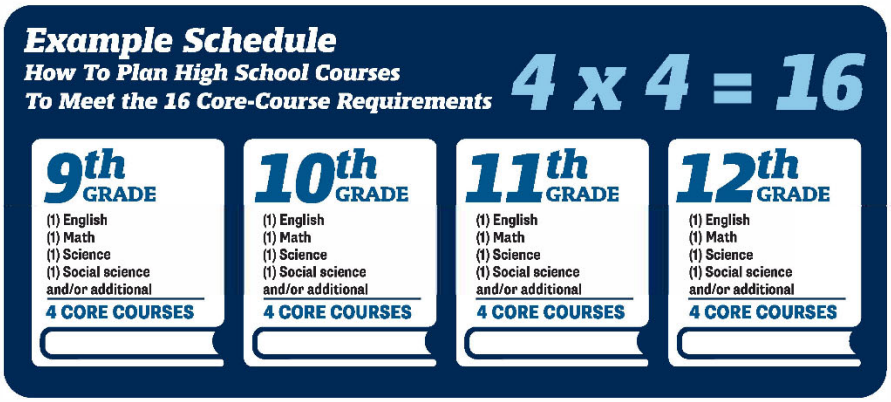


3. Complete 16 NCAA-approved core-course credits in four consecutive academic years (eight semesters) from your initial start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Meet the **10/7 requirement** by completing 10 of your 16 NCAA-approved core-course credits, including seven in English, math and science, before the start of the seventh semester.



» Students with solely **international** academic credentials are not required to meet the 10/7 requirement.

5. Earn a minimum 2.3 core-course GPA.
6. Ask your high school counselor to upload your final official high school transcript with proof of graduation to your Eligibility Center account.
7. Receive academic and athletics certifications from the Eligibility Center.



Division II Academic Standards

Division II schools require you to meet **academic standards**. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

NCAA DIVISION II

MAKE IT YOURS

1. **Register** for an Academic and Athletics Certification account.
2. Earn 16 NCAA-approved core-course credits in the following areas:



3. Earn a minimum 2.2 core-course GPA.
4. Ask your high school counselor to upload your final official high school transcript with proof of graduation to your Eligibility Center account.
5. Receive academic and athletics certifications from the Eligibility Center.

ACADEMIC CERTIFICATION DECISIONS

Academic certifications are required for all college-bound student-athletes planning to compete at an NCAA Division II school. Listed below are possible academic certification decisions for students planning to enroll at Division II schools:

Early Academic Qualifier
If you meet **specific criteria** after three consecutive academic years (six semesters) of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

Qualifier
You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

Partial Qualifier
You may practice and receive an athletics scholarship but may NOT compete during your first year of full-time enrollment.

What if You Don't Meet Division II Standards?

If you have not met all the Division II academic standards, you may not compete in your first year of full-time enrollment at a Division II school. However, you will be deemed a partial qualifier. All Division II partial qualifiers may practice and receive an athletics scholarship but may NOT compete during their first year of full-time enrollment.

Division II Worksheet

Use the **Division II Worksheet** to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of **NCAA-approved core courses** for courses you have taken or plan to take.

For further NCAA information please see your counselor.

DUAL CREDIT COURSES

Students who meet dual credit requirements are eligible to enroll in the courses listed below to earn both high school and college credit.

	Grade Eligibility	Fee	Free & Reduced Waiver Eligibility?
Joliet Junior College	9, 10, 11, 12	$12 per Credit	Yes
College of DuPage	11, 12	No Fee	-
University of St. Francis	11, 12	$50 per course	Yes

JTHS Course	*College Course Name*	*Credits*	
Applied Life			
Introduction to Personal Training	**JJC KIN 200** Introduction to Personal Training	3 JJC	0.5 JTHS
First Aid	**JJC KIN 207** First Aid/CPR/AEC	2 JJC	0.5 JTHS
CTE			
Accounting (DC)	**JJC ACCY 100** Introduction to Accounting	3 JJC	1 JTHS
Child Development (DC)	**JJC CDEV 137** Creativity and Play in Early Childhood	3 JJC	1 JTHS
Culinary 2: Principles & Applications (DC)	**JJC CA 105** Intro to Culinary Arts Principles & Applications	2 JJC	0.5 JTHS
Culinary 3: Sanitation (DC)	**JJC CA 106** Applied Food Serv Sanitation	2 JJC	0.5 JTHS
Culinary 4: Meal Planning (DC)	**JJC CA 104** Meal Planning	3 JJC	0.5 JTHS
Culinary 5: Leadership (DC)	**JJC CA 213** Culinary Supervision	3 JJC	0.5 JTHS
Early Childhood Education 2 (DC)	**JJC CDEV 101** Introduction to Early Childhood Education	3 JJC	0.5 JTHS
Engineering & Architecture 1 (DC)	**JJC CADD 101** 2D Computer Aided Design and Drafting I	3 JJC	1 JTHS
Exploring the Teaching Profession (DC)	**USF EDUC 107** Exploring the Teaching Profession	3 USF	0.5 JTHS
Fashion Construction 2 (DC)	**COD FASHI 1200** Beginning Clothing Construction	3 COD	0.5 JTHS
Human Biology (DC)	**BIO 125** Human Biology	4 JJC	0.5 JTHS
Medical Terminology (DC)	**JJC BIO 100** Medical Terminology	3 JJC	0.5 JTHS
Personal Finance (DC)	**JJC FIN 100** Personal Finance	3 JJC	0.5 JTHS
Principles of Customer Service (DC)	**JJC BUS 110** Principles of Customer Service	3 JJC	0.5 JTHS
Teaching in a Diverse Environment (DC)	**USF EDUC 210** Teaching in a Diverse Society	3 USF	0.5 JTHS
Technology for Teaching & Learning (DC)	**USF EDUC 225** Technology for Teaching and Learning	2 USF	0.5 JTHS
Vocational Auto Mechanic 1 (DC)	**JJC AS 106** Auto Fundamentals	3 JJC	2 JTHS
English			
Rhetoric 101	**JJC 101** Rhetoric I	3 JJC	0.5 JTHS
Rhetoric 102	**JJC 102** Rhetoric II	3 JJC	0.5 JTHS
Math			
AP Calculus AB	**JJC MATH 170** Calculus with Analytic Geometry I	5 JJC	1 JTHS
AP Statistics	**JJC MATH 128** Elementary Statistics	4 JJC	1 JTHS
Science			
Biology 151	**JJC BIO 151** General Biology I	5 JJC	1 JTHS
Biology 152	**JJC BIO 152** General Biology II	5 JJC	1 JTHS
Chemistry 101	**JJC CHEM 101** General Chemistry I	5 JJC	1 JTHS
Chemistry 102	**JJC CHEM 102** General Chemistry II	5 JJC	1 JTHS

DUAL ENROLLMENT PROGRAMS

Students who meet enrollment program requirements are eligible to apply for the following programs listed below to earn both high school and college credit.

Program	*Credits*	
JJC Advanced Integrated Maintenance (AIM)		
JJC EEAS 101 Basic Wiring and Circuit Design	4 JJC	
JJC EEAS 111 Industrial Controls 1	4 JJC	
JJC IMT 101 Industrial Maintenance Fundamentals	3 JJC	2 JTHS
JJC IMT 121 Industrial Fluid Power	3 JJC	
JJC PCIT 111 Pneumatic Measurement and Control	3 JJC	
JJC Applied Engineering Technology (AET)		
JJC MFG 101 Precision Machine Tool Technology I	4 JJC	
JJC MFG 111 Numerical Control	3 JJC	2 JTHS
JJC MFG 115 Blueprint Reading for Manufacturing and Welding	3 JJC	
JJC Architecture, Construction Management, and Engineering (ACE)		
JJC ARCH 104 Methods of Building Construction	3 JJC	
JJC CM 106 Blueprint Reading for Construction and Architecture	3 JJC	2 JTHS
JJC OPS 111 OSHA Construction Safety	1 JJC	
JJC CM 101 Introduction to Construction Management	2 JJC	
JJC CM 102 Construction Materials and Testing	3 JJC	
JJC Certified Nursing Assistant (CNA)		
JJC NA 101 Certified Nursing Assistant Training	6 JJC	2 JTHS
JJC Cisco Networking		
CNT 101 Intro to Networks	3 JJC	
CNT 102 Switching, Routing & Wireless Essentials	3 JJC	2 JTHS
CNT 220 Securing IT Infrastructure	3 JJC	
CIS 125 AWS Cloud Practitioner	3 JJC	
JJC Fire Science and EMS		
JJC EMS 100 Public Service Careers	2 JJC	
JJC FSCI 101 Principles of Emergency Services	3 JJC	2 JTHS
JJC EMS 101 First Responder/EMR	4 JJC	
JJC Law Enforcement		
JJC EMS 100 Public Service Careers	2 JJC	
JJC LENF 101 Introduction to Law Enforcement	3 JJC	2 JTHS
JJC EMS 101 First Responder/EMR	4 JJC	

SCHEDULING INFORMATION

Process

1. Course Planning: Students receive course information and planning materials during first semester. Families have access to review and support planning before students submit course requests.
2. Counselor Meetings: Counselors meet with students to review and adjust requests.
3. Review: Finalized course requests for the upcoming school year are submitted for scheduling. For questions or concerns, contact the student's counselor.
4. Schedule Release: Final student schedules are made available prior to the start of the school year.

Schedule Change Requests

Because the registration process for the next school year begins early, students receive course information and planning materials in the first semester to support thoughtful decision-making. Counselors work closely with students and families to ensure course selections align with academic goals. Families are given ample time to review and discuss course requests before they are finalized.

Once final schedules are released, changes to requests or schedules may only be made if they meet the established criteria outlined below:

1. A change due to summer school attendance.
2. A change due to a failure in the prerequisite for the course a student has requested.
3. A change due to an unresolved scheduling conflict.
4. A change related to health problems. A written statement from the student's physician is required.
5. A change made to correct a scheduling error made by the school staff.

Course Level Changes

A "level change" is a request to move from one academic level of a course to another (e.g., from an Honors-level course to a College Prep-level course). The process and deadlines for requesting a level change depend on when the request is made.

1. During Course Selection (for the Upcoming School Year)

This process is for planning your schedule for the next academic year.

- When: During the course selection window (November–January).
- Who May Request: A level change can be requested by a parent/guardian, student, or teacher.
- How to Request: The request should be noted in the student's Schoolinks planner. Your school counselor will review all selections and finalize the course placement at the conclusion of the course selection process.

2. After the School Year Has Begun (for the Current School Year)

This process is for students currently enrolled in an Honors or AP course who are seeking to move to the next lower level.

- Who Must Initiate: Once the school year has begun, all requests to move from one academic level course to another is initiated by the current classroom teacher. Students and parents who wish to make a change must begin the process by speaking with the teacher.
- Deadlines: The teacher must submit the official level change request by the following deadlines:
    - For Semester 1 changes: The request must be submitted no later than October 1st of the current school year.
    - For Semester 2 changes: The request must be submitted no later than October 15th of the current school year.

Please note that the October 15th deadline is set to allow for proper planning and schedule adjustments for the second semester. Requests submitted after these deadlines may not be considered. Additionally, a request may be denied if the desired course is full or if the change creates a significant conflict with other required courses.

Failures
Students who fail a course may only repeat a course one additional time during the regular school day.

Options for recovering credit include:

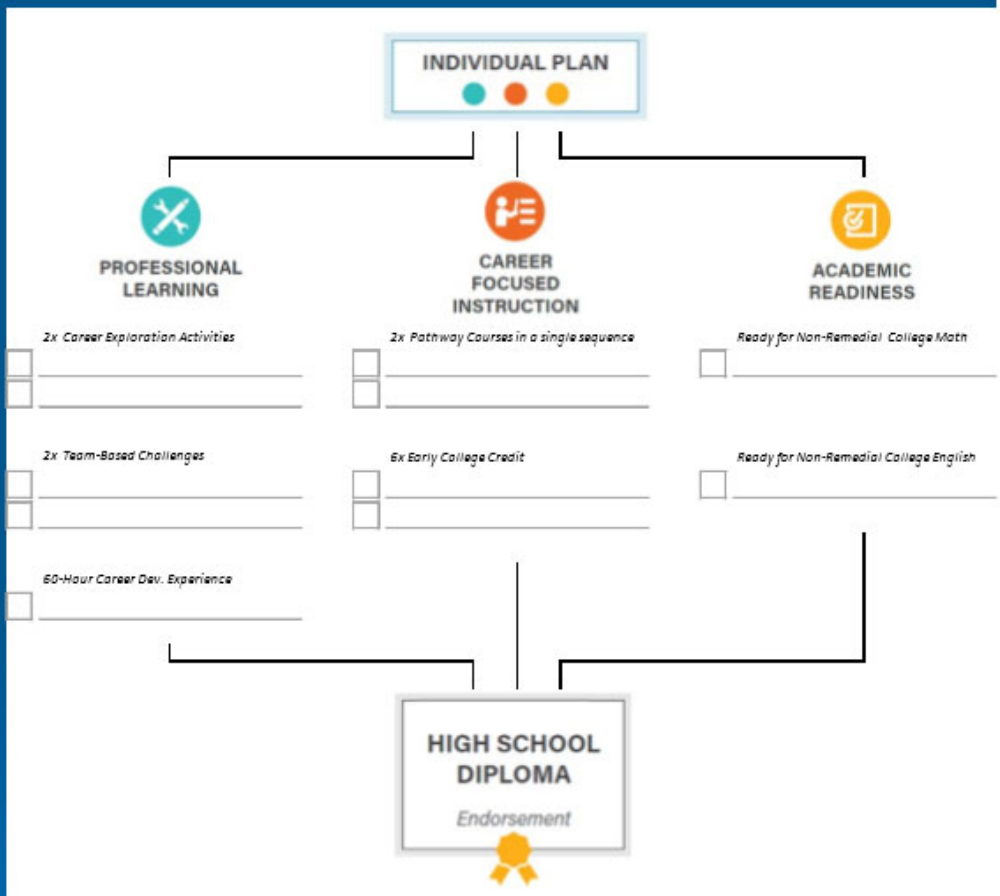
1. Winter and Spring Credit Recovery
2. Summer School - highly recommended due to the consistency with JTHS curriculum
3. Correspondence Course - credit limit of two (2) per School Board Policy 6:310
4. JTHS Gateway to Graduation Program 1.0 - if available
5. Golden Grads

'27-'28

JTHS Career Pathways

Preparing for post-secondary success

Joliet Township High School students are empowered to define their future and build post-secondary success through a personalized, multi-year plan.



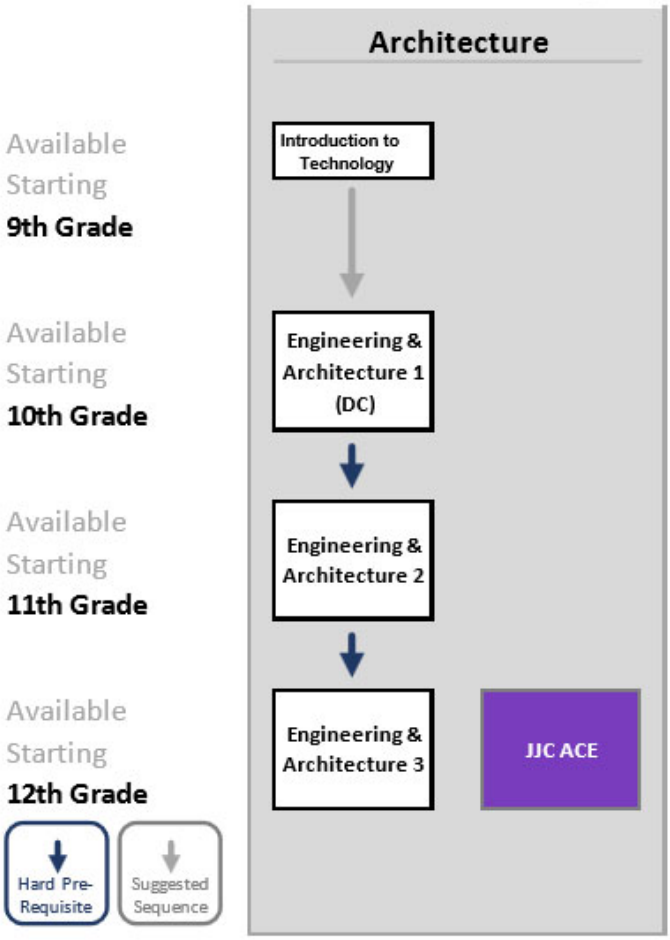
By starting early and utilizing SchooLinks career exploration tools, students and families navigate career interests and aptitudes. Annual plan updates integrate a strategic selection of elective, AP, Dual Credit, and Dual Enrollment courses that directly fuel their chosen career pathway.

10/22/2025

'27-'28

Architecture

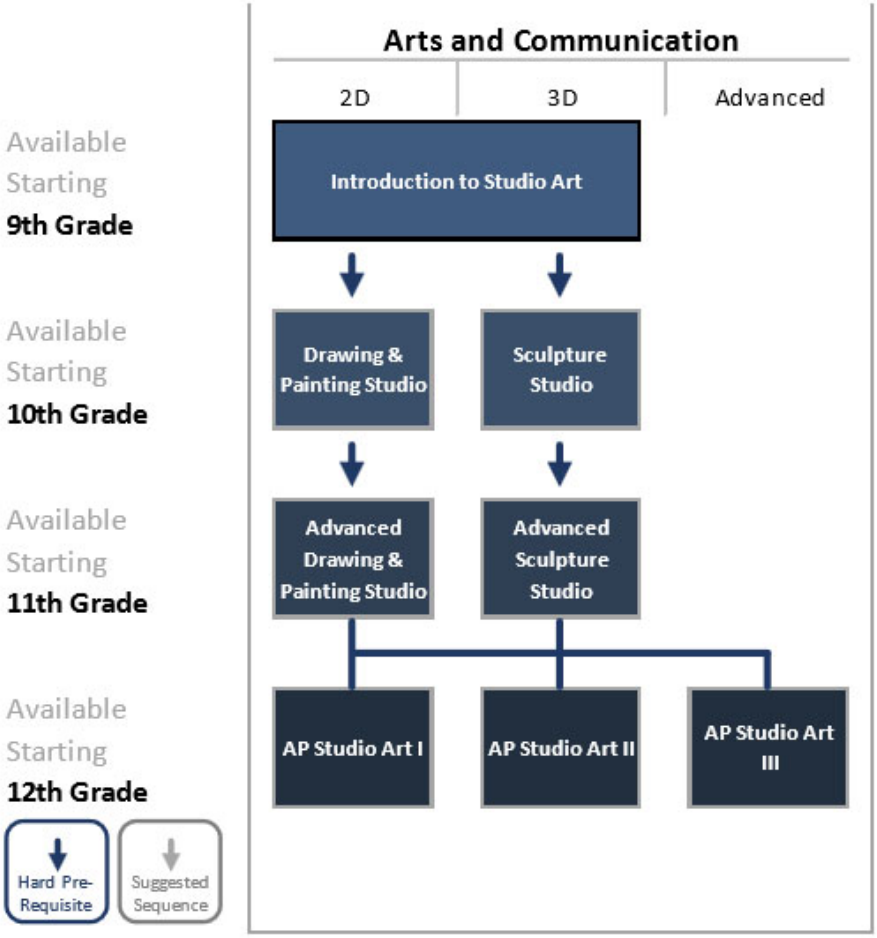
a JTHS Course Sequence



'27-'28

Arts and Communication

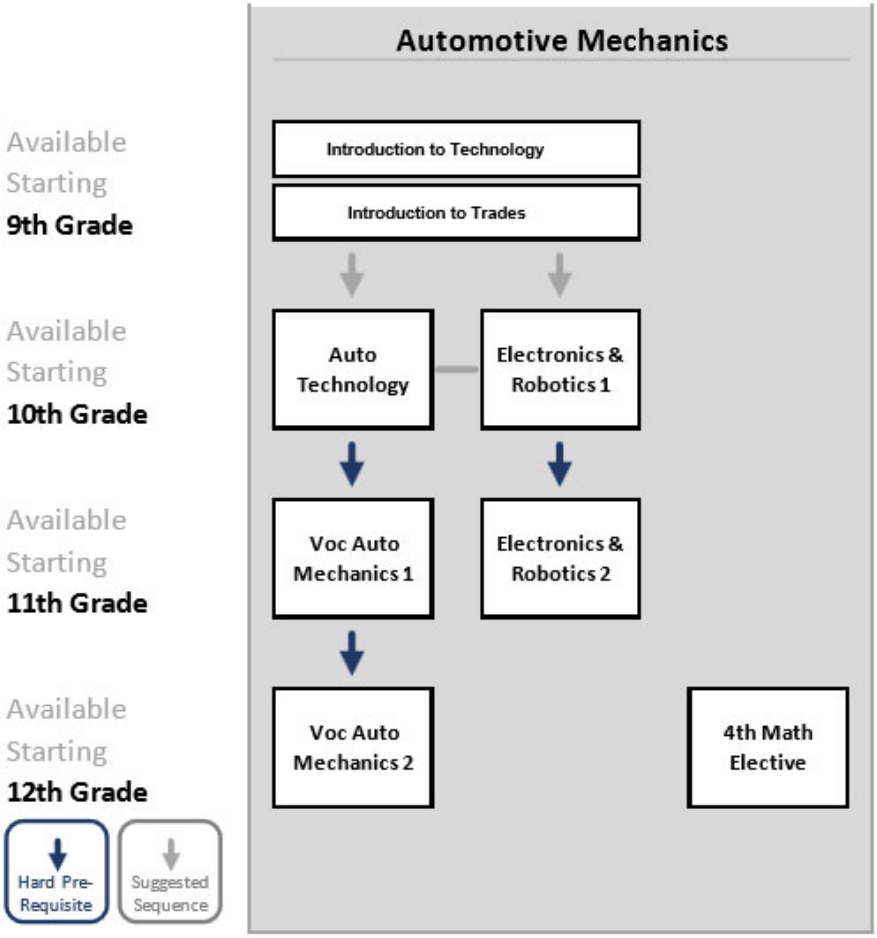
a JTHS Career Pathway



'27-'28

Automotive Mechanics

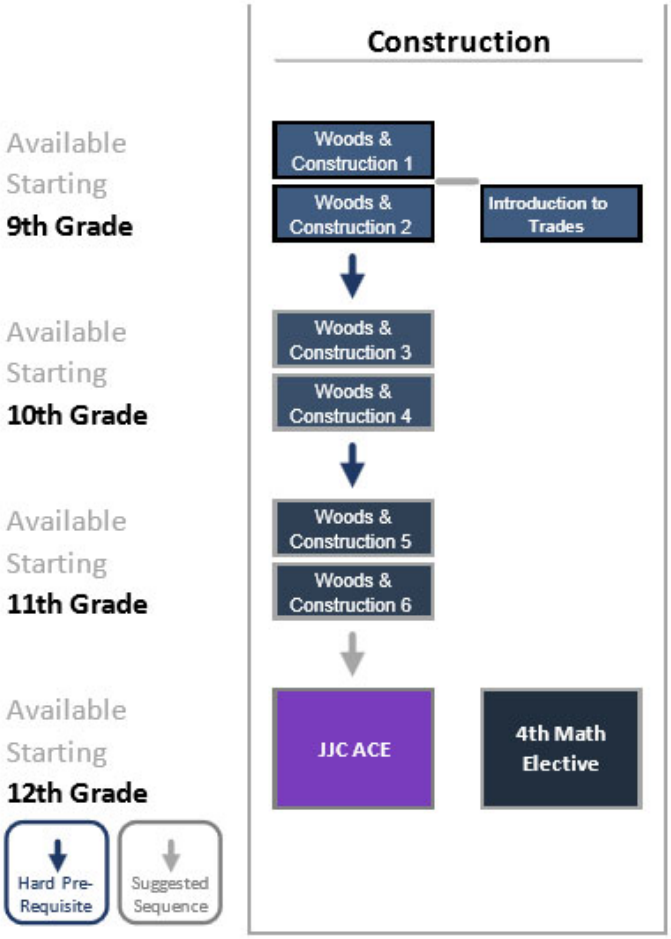
a JTHS Course Sequence



'27-'28

Construction

a JTHS Career Pathway



'27-'28

Culinary

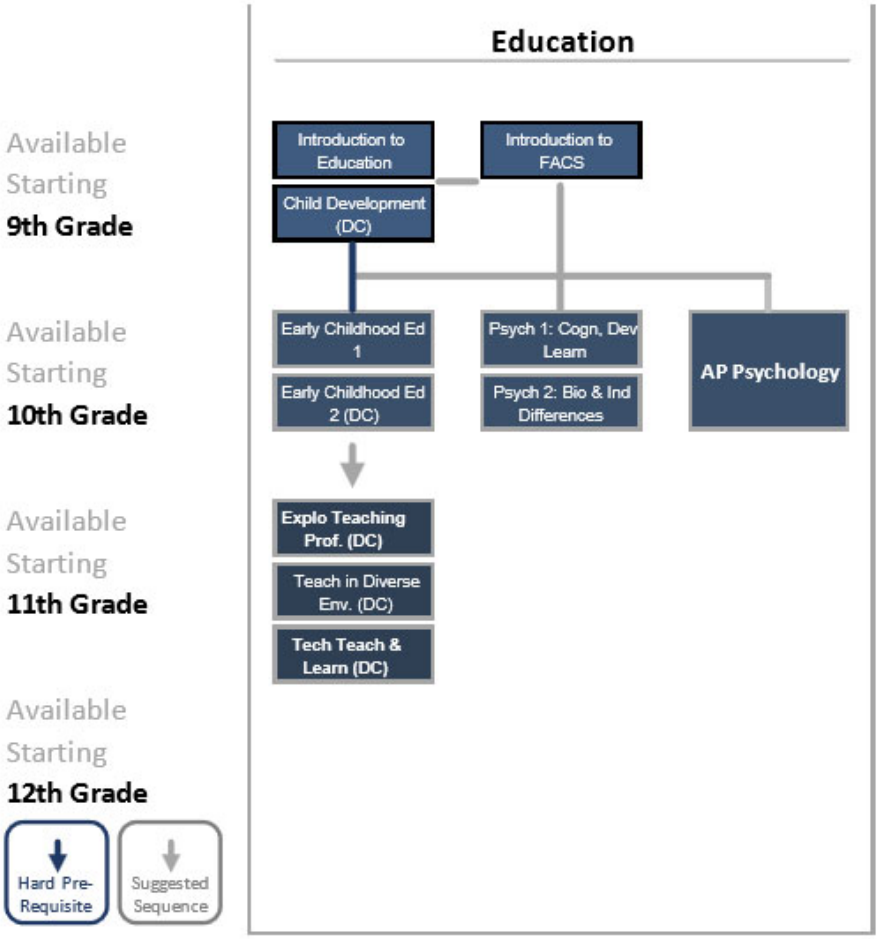
a JTHS Career Pathway



'27-'28

Education

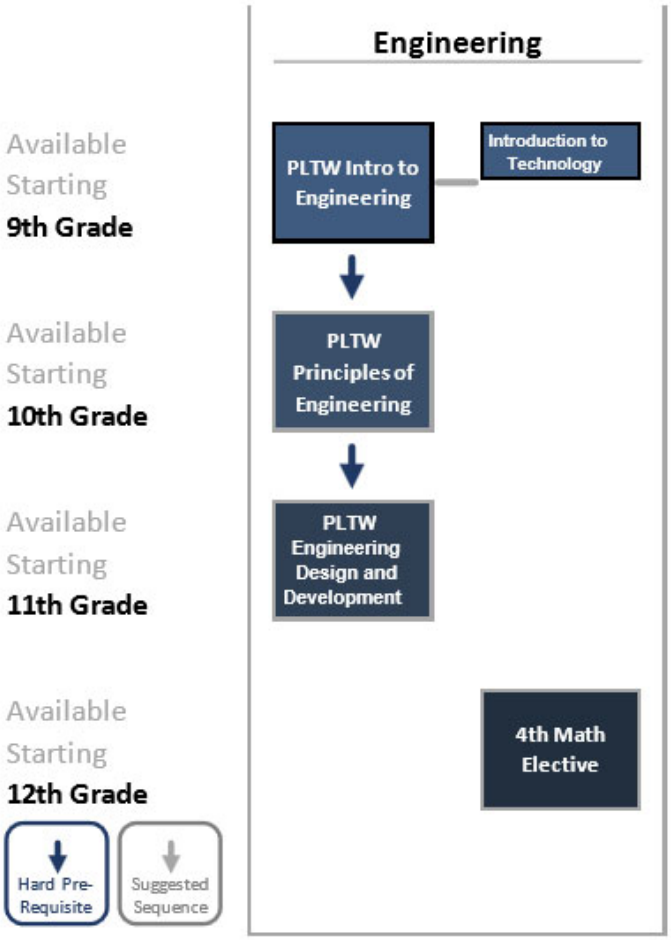
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'27-'28

Engineering

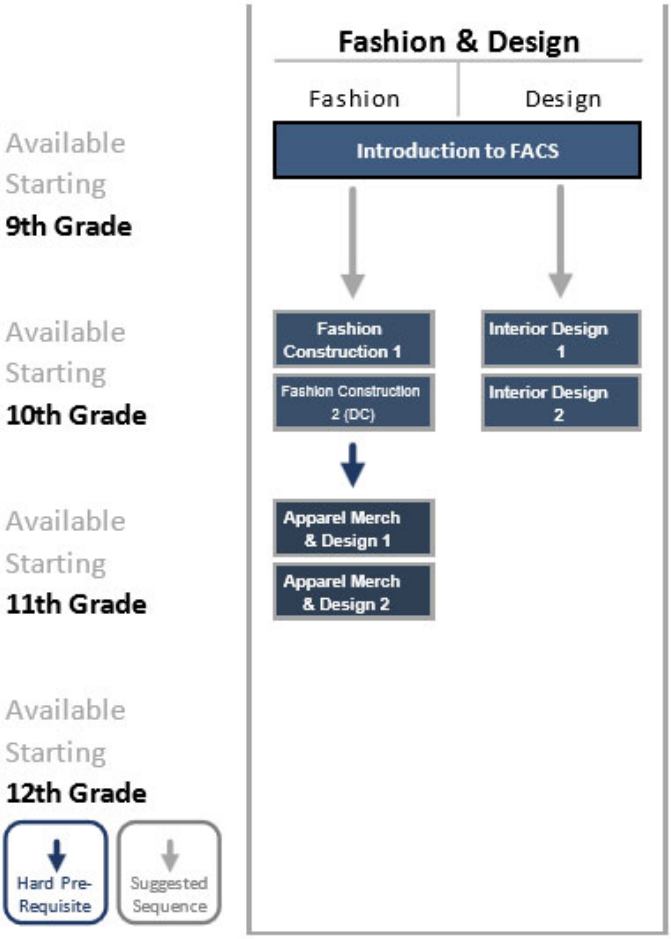
a JTHS Career Pathway



'27-'28

Fashion & Design

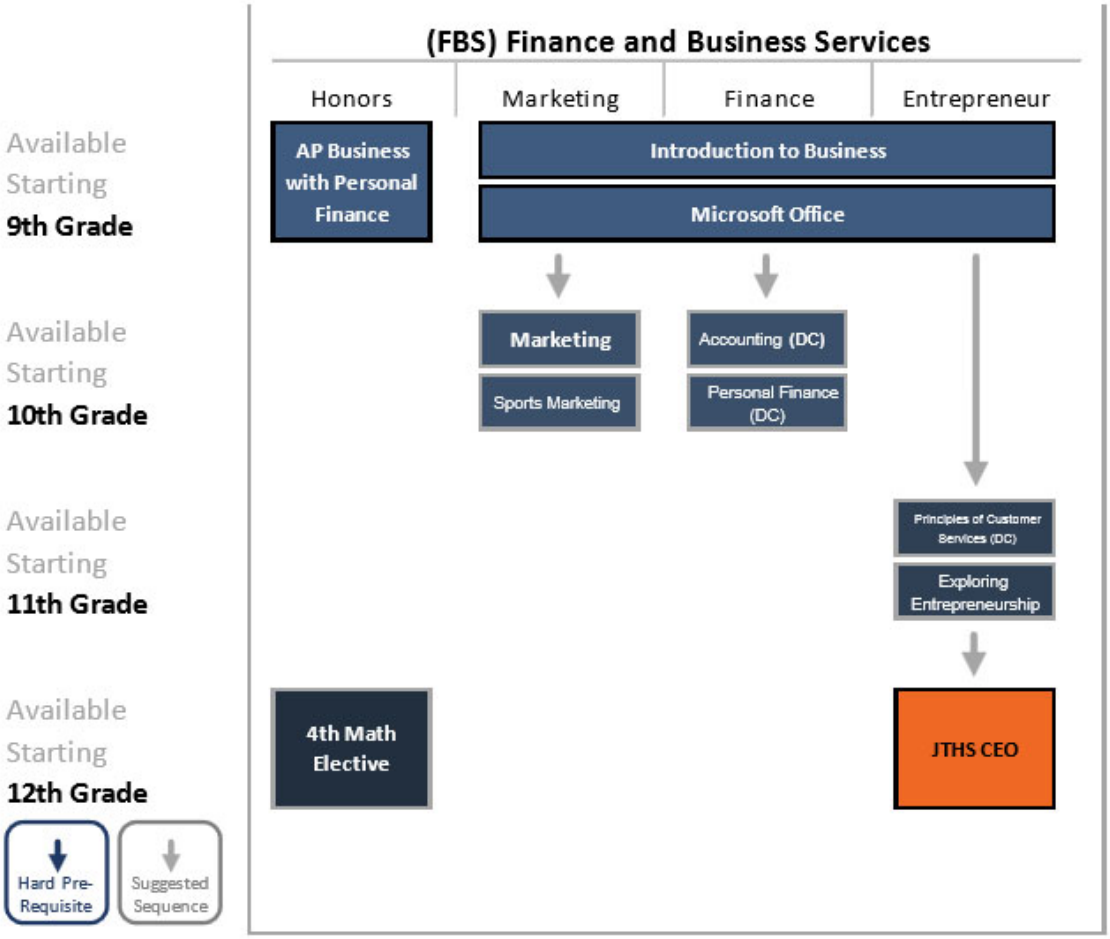
a JTHS Career Pathway



'27-'28

Finance and Business Services

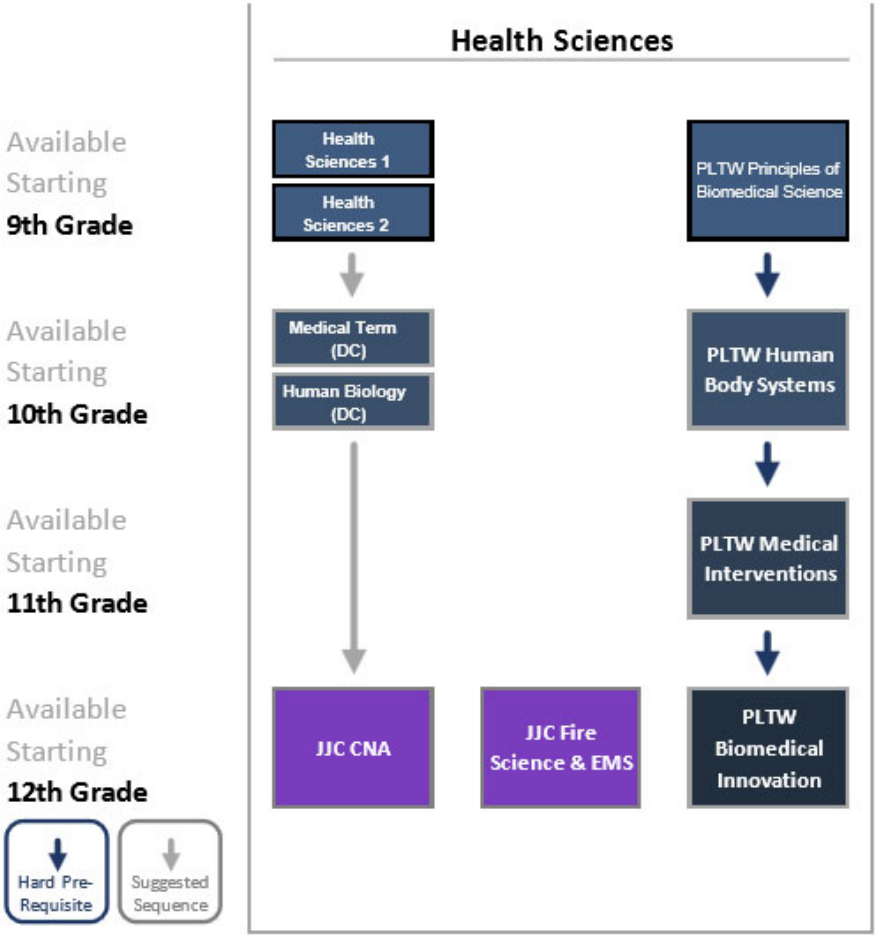
a JTHS Career Pathway



'27-'28

Health Sciences

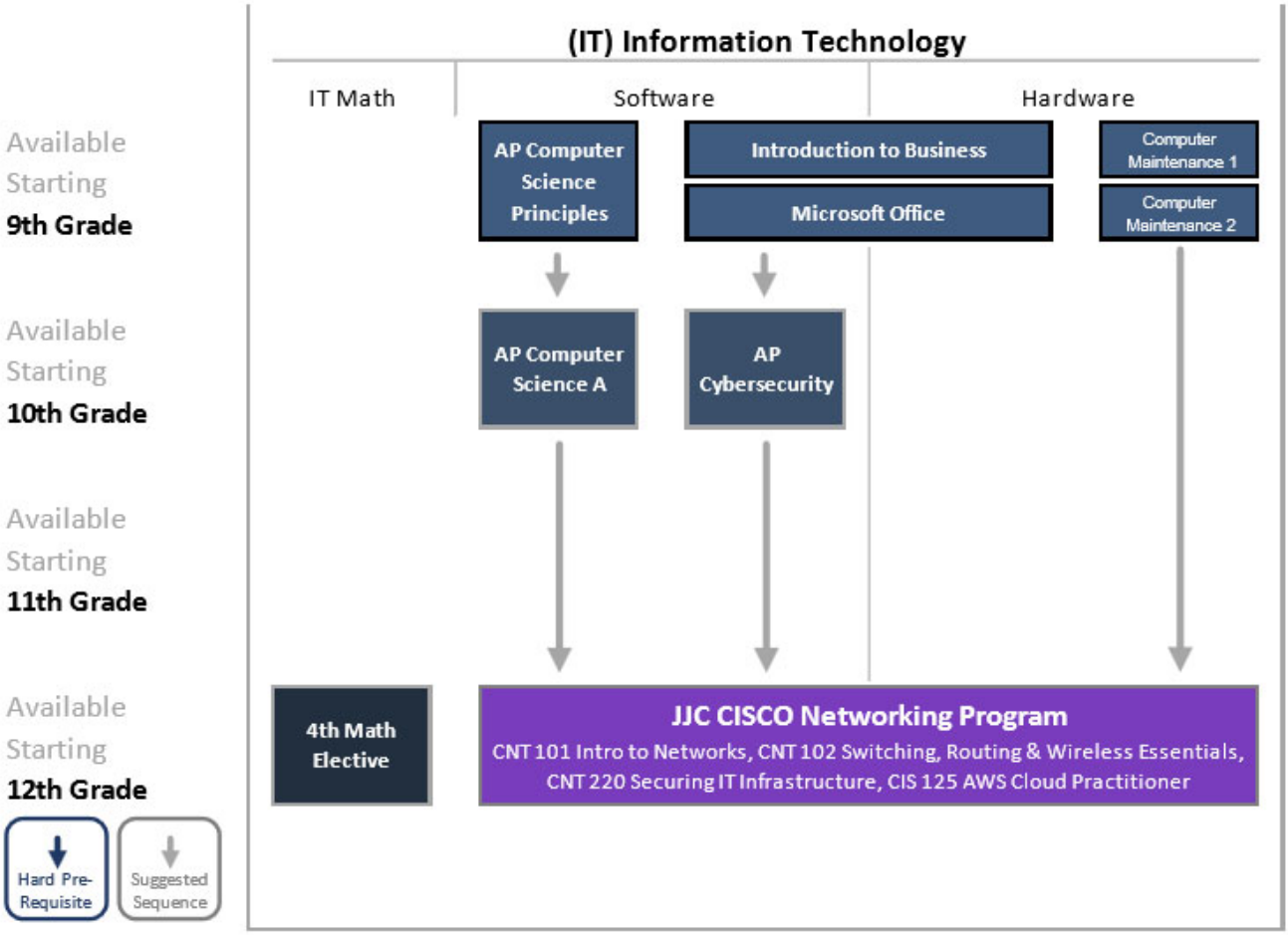
a JTHS Career Pathway



'27-'28

Information Technology

a JTHS Career Pathway



'27-'28

Industrial Manufacturing

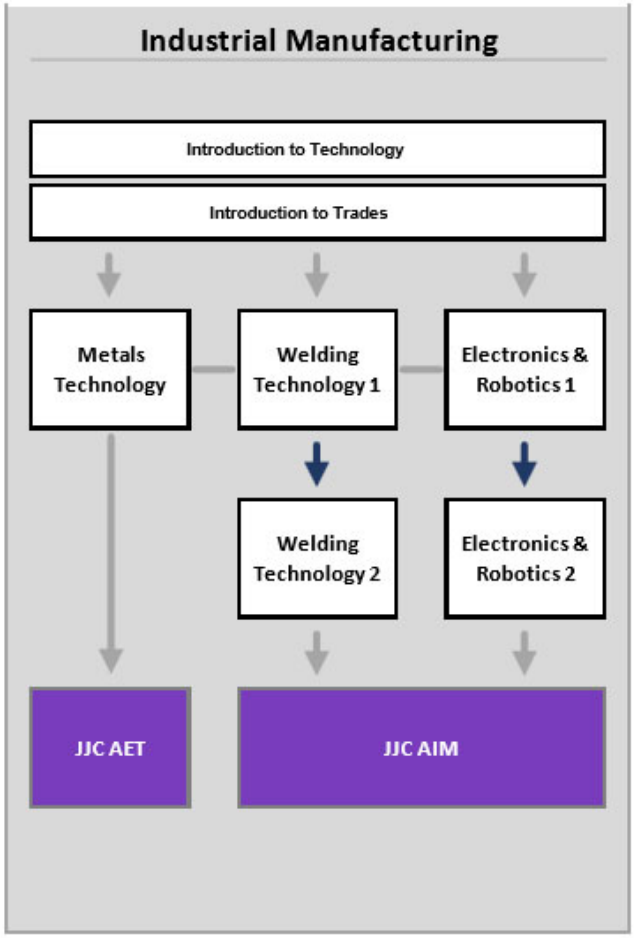
a JTHS Course Sequence

Available Starting **9th Grade**

Available Starting **10th Grade**

Available Starting **11th Grade**

Available Starting **12th Grade**



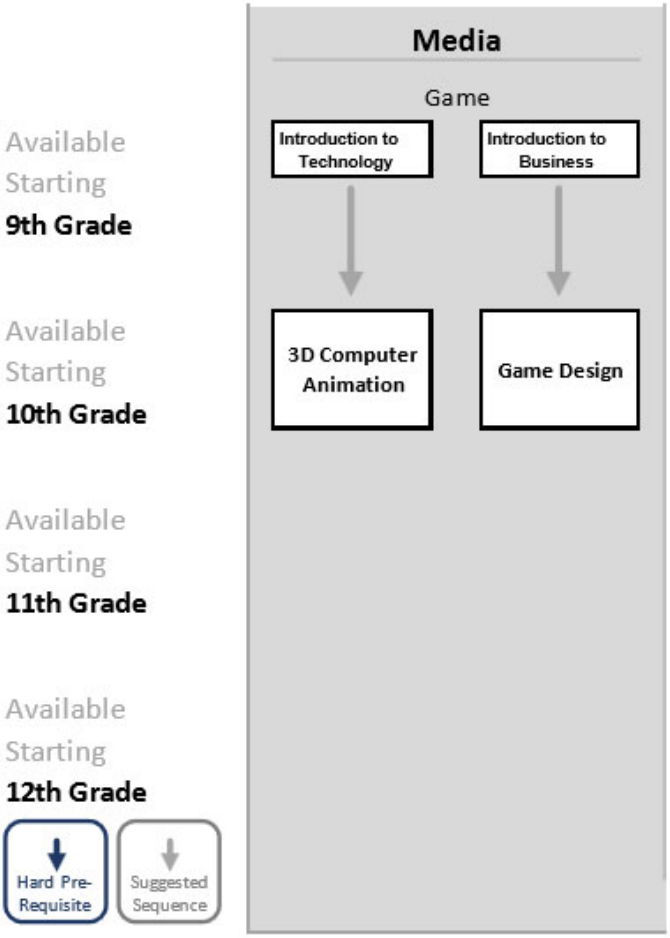
Hard Pre-Requisite

Suggested Sequence

'27-'28

Media

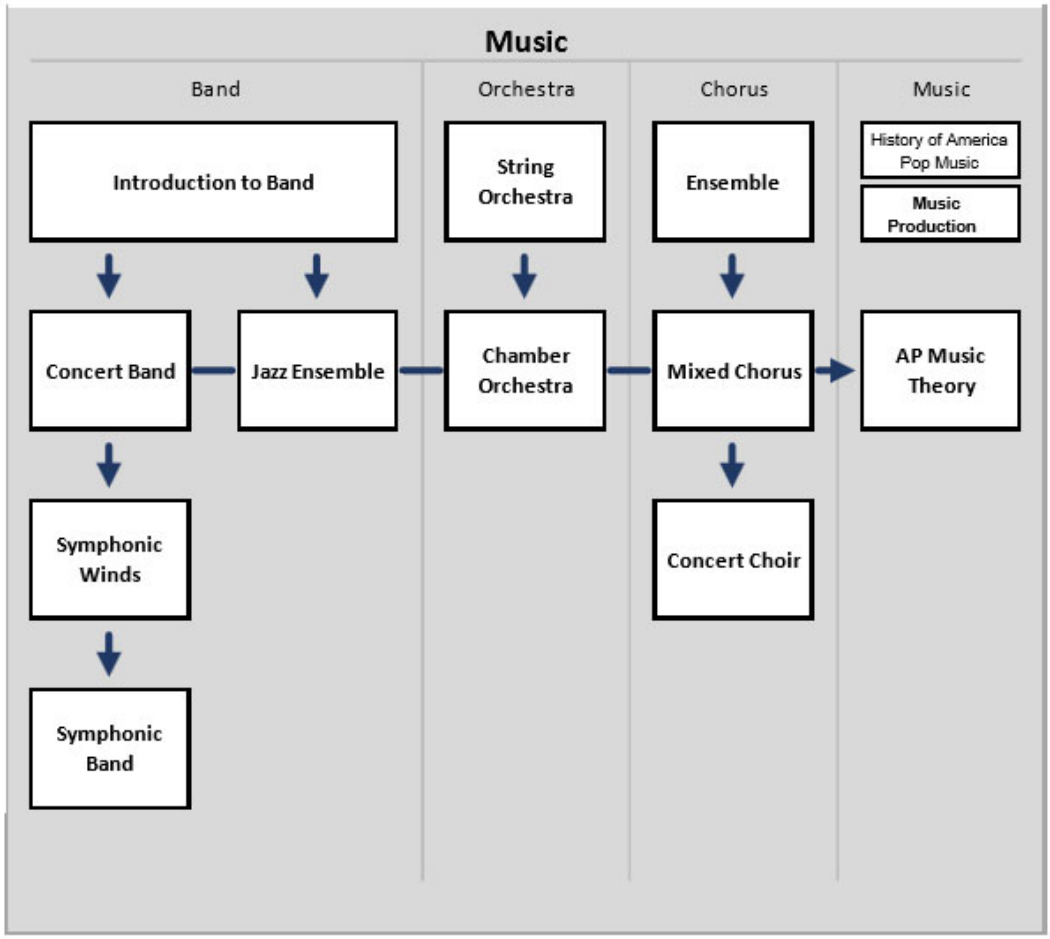
a JTHS Course Sequence



'27-'28

Music

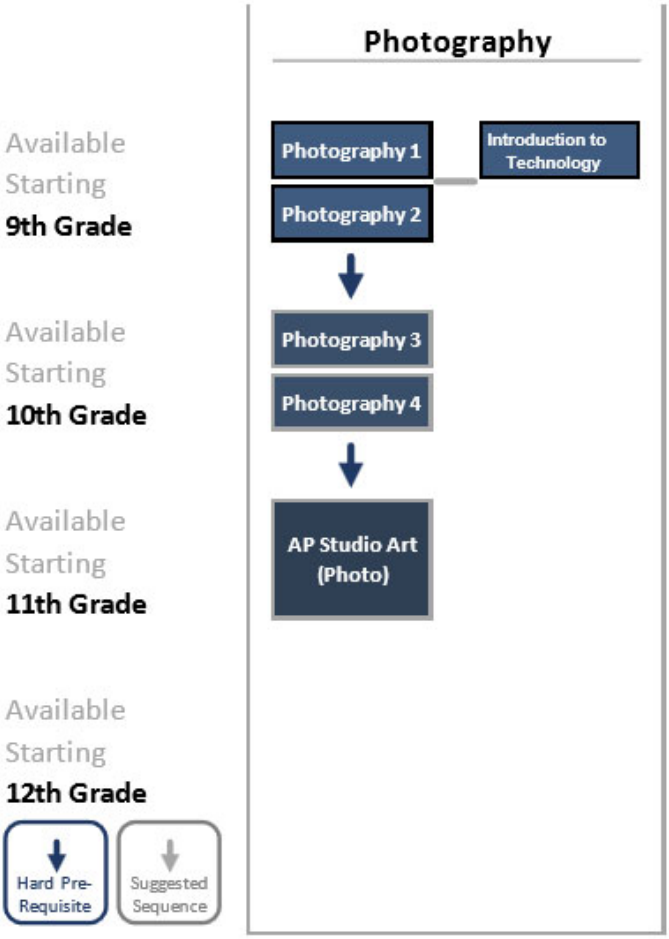
a JTHS Course Sequence



'27-'28

Photography

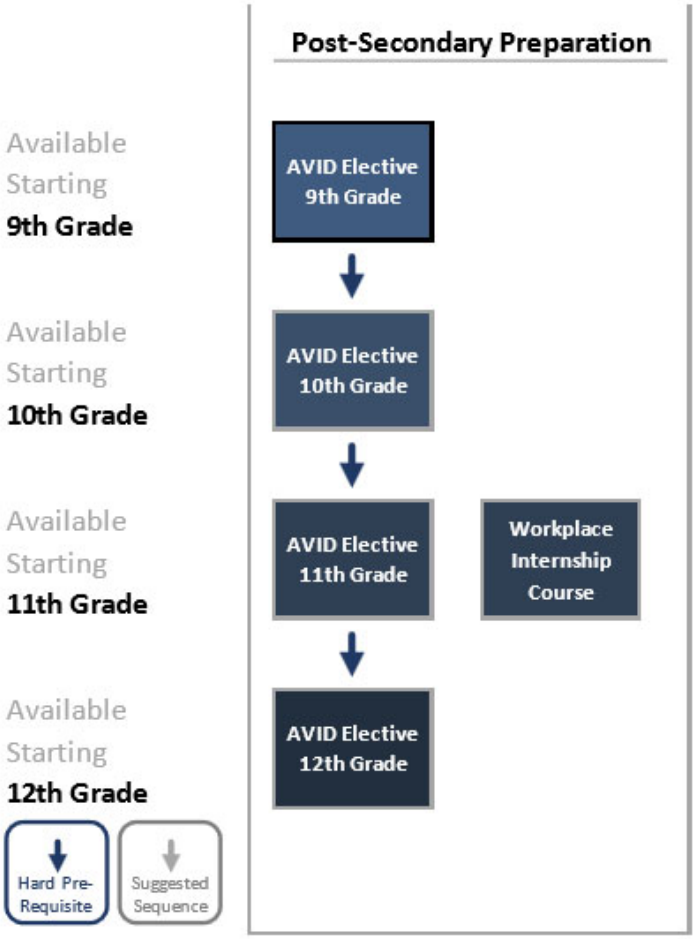
a JTHS Career Pathway



'27-'28

Post-Secondary Preparation

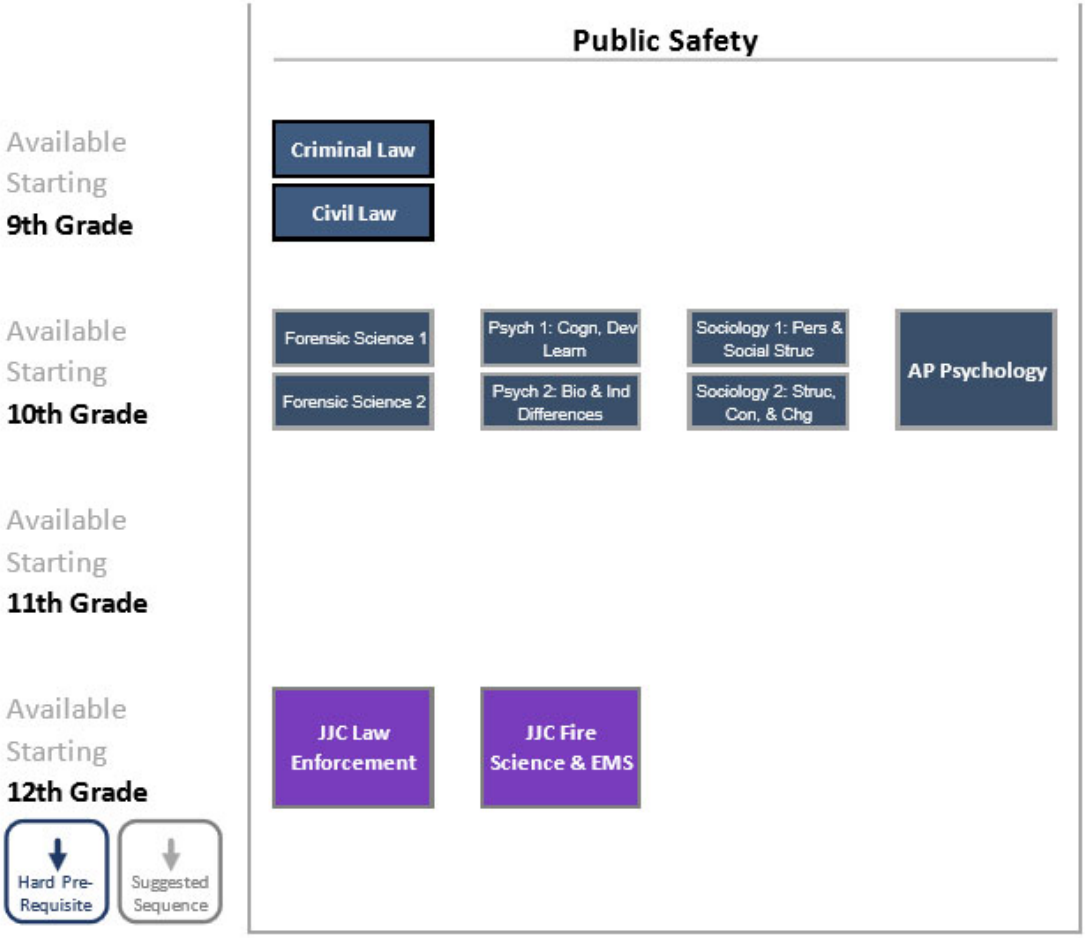
a JTHS Course Sequence



'27-'28

Public Safety

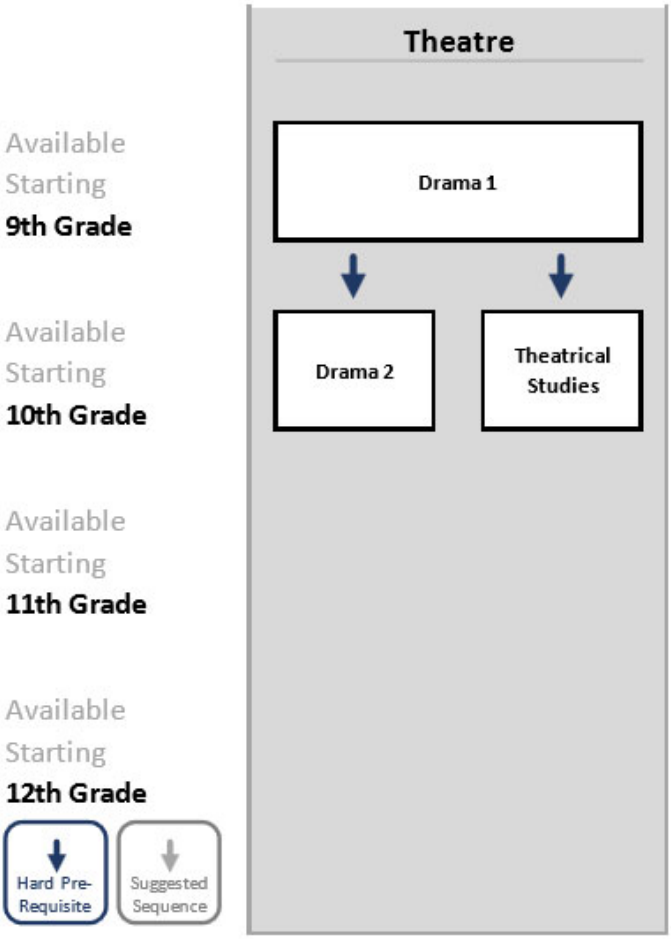
a JTHS Career Pathway



'27-'28

Theatre

a JTHS Course Sequence



ADVENTURE EDUCATION

PREREQUISITES: None

Students enrolled in this course will have the opportunity to increase their knowledge and improve their physical skills through a variety of indoor and outdoor, daily fitness routines and unit activities aimed at improving overall physical fitness. This course will challenge participants to trust peers in unique settings using communication as a means to cooperate effectively through experiential learning, gaining life-long skills and information that will enhance overall physical fitness.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

ATHLETIC PERFORMANCE

PREREQUISITES: Recommendation by varsity coach or physical education administrator.

Students will focus on the functional training of the whole athlete in an environment that is conducive to fostering high expectations. Athletes will train specifically to enhance their individual athletic performance. The student will enhance the skill related fitness components including efficiency of movement, speed, agility, muscular strength, muscular endurance, coordination, balance, flexibility, core strength and power. Additional topics may include nutrition for the athlete and sport psychology.

REMARKS: By recommendation only.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

CONDITIONING

PREREQUISITES: None

Students will improve and maintain personal fitness levels through aerobic conditioning and strength training. The philosophy of the class is lifetime fitness and will be achieved through various activities such as kickboxing, plyometrics, and yoga.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

APPLIED LIFE

DANCE EDUCATION

PREREQUISITES: None

Students enrolled in this course will learn basic dance skills, terminology, and principles of choreography. Students will be exposed to various forms of dance and the various elements of dancing as it relates to overall physical fitness. In addition to dance skills and the principles of dance, students will be exposed to various heritages and how dance expresses the beliefs and values of these cultures as well as promoting healthy living. Students will be exposed to traditional and non-traditional dance forms, enhancing endurance; muscular strength; movement; flexibility; and coordination, while having choice and a voice in exploring the relationship between dance and fitness.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

DRIVER EDUCATION

PREREQUISITES: None

Students will receive instruction in the safe operation of motor vehicles, rules of the road, and the laws of the State relating to motor vehicles. The course meets the legal requirements of the State in preparing students to become safe and efficient users of the highway transportation system.

Driver Education is taught in three phases:

1. Classroom Instruction (30) CREDITS;
2. Simulation; and
3. Behind the Wheel Driving (6 CREDITS)

Students who receive a grade of "B" or better in all phases of the course may be eligible to take the State of Illinois Driver's Licensing Test with their Driver Education instructor. Parents are responsible for a minimum of 50 CREDITS of supervised driving (of which 10 CREDITS must be night driving) with their son/daughter and to record this on a document to be turned in when the student obtains his/her license. To successfully complete the course, students must attend all course CREDITS.

REMARKS: Driver Education is available at the junior and senior level during the regular school year. The older students will be assigned to first semester classes. However, students may be eligible to enroll in After School or Summer School Driver Education if age 15 years is attained and they have passed eight high school courses during the previous two semesters. Those who choose After School or Summer School Driver Education will be placed in Physical Education.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

APPLIED LIFE

HEALTH

PREREQUISITES: None

Students will explore the fundamental elements of personal wellness, mental health, reproductive health, drug education, and nutrition. In partnership with English 1, there will be an emphasis on literacy by effectively reading, writing, listening, and speaking. Students will investigate healthy lifestyles through the utilization of a variety of mediums to assist learning and to produce writing and multimedia presentations for a variety of purposes and audiences.

REMARKS: Students will be enrolled in Health in lieu of one semester of Physical Education. This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10	None

INDIVIDUAL/DUAL SPORTS

PREREQUISITES: None

Students enrolled in this course will have the opportunity to participate in a variety of individual and dual sports designed to develop personal fitness, skill proficiency, and goal setting while fostering self-discipline and personal responsibility. Through skill development, practice, and performance, students will focus on improving technique, strategy, and personal progress in activities that emphasize individual effort or paired competition. Activities may include sports such as tennis, badminton, pickleball, table tennis, track and field events, martial arts-based fitness, bowling, golf skills, and fitness training. Individual and dual sports will be used as a means to promote lifelong physical and mental health habits, encourage self-motivation, build confidence, and increase overall physical fitness while allowing students choice and ownership in their personal fitness journey.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

KIN 200 INTRODUCTION TO PERSONAL TRAINING (DC)

PREREQUISITES: KIN 207 First Aid.

Students will be exposed to the basics within the field of Personal Training, including health and fitness assessments, goal setting, and program design. The major components of fitness are covered and include cardiorespiratory capacity, muscular fitness, flexibility, and body composition along with nutrition, healthy body weight, and the importance of each in preventing hypo-kinetic disease.

REMARKS: Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	KIN 200 (3 Credits)

APPLIED LIFE

KIN 207 FIRST AID (DC)

PREREQUISITES: Three years of Physical Education (includes Driver Education and Health).

Students will study the prevention, recognition, and care of both acute and chronic injuries common to participants of physical activity/fitness and athletics. Specific topics to be addressed include prevention techniques, the classification and staging of injury conditions, basic evaluation techniques, as well as emergency management and follow-up care procedures.

REMARKS: Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	KIN 207 (2 Credits)

PEER TRAINERS (CENTRAL CAMPUS ONLY)

PREREQUISITES: None

Students will work on a ratio of 1:1 with the AVAC, Physically Handicapped, and/or Visually Impaired students as peer trainers. The peer trainer will identify the unique needs of his/ her partner and interpret the physical adaptations necessary in providing assistance. The peer trainer will perform a variety of team, individual, recreational, team building, and fitness activities.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

PHYSICAL EDUCATION 1

PREREQUISITES: None

Students will identify and demonstrate the fundamental elements of team, individual, rhythmic, and team building activities. They will improve and/or maintain desirable health-related fitness through program participation and personal assessment.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9	None

PHYSICAL EDUCATION LEADERSHIP (PE LEADER)

PREREQUISITES: Physical Education Leadership Training class and recommendation by the PE Leadership instructor.

Students will be placed in a regular PE class as a PE Leader. Duties may include assisting teacher with equipment set up and take down, officiating, demonstrations, and other responsibilities deemed by the instructor.

REMARKS: PE Leaders will be evaluated each semester.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

APPLIED LIFE

PHYSICAL EDUCATION LEADERSHIP TRAINING

PREREQUISITES: Successful completion of PE 1 and approval of Physical Education teacher.

Students will demonstrate leadership qualities and an understanding of the methods and strategies necessary to assist in the classroom setting. Successful completion of the course may allow the student to become a PE Leader in subsequent semesters.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

RESERVE OFFICER TRAINING CORPS (ROTC)

The purpose of Junior ROTC is to "motivate young people to be better citizens" and is therefore open to all students. Students may enroll in Junior ROTC in lieu of Physical Education or may enroll in both Junior ROTC and Physical Education. Enrollment in Junior ROTC does not in any way obligate students to enlist in the Armed Services.

The Junior ROTC curriculum consists of seven units:

1. Citizenship in action;
2. Leadership theory and application;
3. Foundations for Success;
4. Wellness, fitness, and first aid;
5. Geography, map reading, and environmental awareness;
6. Citizenship in American history and government; and
7. Civilian air rifle marksmanship and safety program. In addition, students create individual portfolios which are updated every semester of J.ROTC

Extracurricular activities include color guard, honor guard, drill team, air rifle team, and raider team. All military uniforms and course books are provided by the Junior ROTC department at no cost to the student.

Students who satisfactorily complete all four years of Junior ROTC will be provided with a Military Training Certificate signed by the Senior Army Instructor. This certificate serves as a basis for advanced class placement in the Senior ROTC program at the university/college level. If the student chooses to enlist in the U.S. Army, the certificate authorizes early promotion to the rank of Private First Class (E-3).

ROTC 1

PREREQUISITES: None

Students will develop leadership skills by examining the following:

1. Foundations of Army J.ROTC organization;
2. Military custom and courtesies;
3. Leadership techniques and skills;
4. Knowing yourself;
5. Study and communication skills;
6. Conflict resolution;
7. Financial planning;
8. Cadet challenge;
9. Drill and ceremony;
10. Air rifle marksmanship and safety; and
11. Community service projects.

Course Length	Credit	Weight	Grade(s)	Early College Credit

1 Semester	0.5	1.0	9	None

ROTC 2

PREREQUISITES: ROTC 1.

Students will develop leadership skills by examining the following:

1. Healthy lifestyle and drug awareness;
2. First aid skills
3. Map skills;
4. Citizenship in American history and government;
5. Cadet challenge;
6. Drill and ceremony;
7. Air rifle marksmanship and safety; and
8. Community service projects.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10	None

ROTC 3, 4

PREREQUISITES: ROTC 1 and 2.

Students will hone their leadership skills by practicing the following:

1. Leadership strategies;
2. Presentation skills;
3. Managing conflicts;
4. Career planning;
5. Critical thinking and decision-making skills;
6. Financial planning;
7. Cadet challenge;
8. Drill and ceremony;
9. Air rifle marksmanship and safety; and
10. Community service projects.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	MFG 111 (3 Credits)

STRENGTH TRAINING

PREREQUISITES: None

Students will maintain and/or improve current strength levels. An emphasis is placed on techniques and use of free weights. They will devise, implement, and monitor a work-out plan based on their individual needs.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

APPLIED LIFE

TEAM SPORTS

PREREQUISITES: None

Students enrolled in this course will have the opportunity to participate in a variety of team-based sports and activities designed to develop physical fitness, teamwork, and strategic thinking. Through structured gameplay and skill development, students will improve sport-specific skills while learning the importance of communication, cooperation, leadership, and sportsmanship. Activities may include sports such as basketball, soccer, volleyball, flag football, softball, floor hockey, team handball, and ultimate frisbee. Team sports will be used as a means to promote lifelong physical and mental health habits, enhance adaptability, build positive peer relationships, and increase overall physical fitness while providing students with choice and opportunities for both competitive and cooperative play.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

WALKING FOR WELLNESS

PREREQUISITES: None

Students will engage in daily walking routines, both indoors and outdoors, while learning about the importance of physical fitness, mental well-being, and overall wellness. The course will also include lessons on stress management, mindfulness techniques, and the benefits of regular physical activity. This class is ideal for students who prefer a non-competitive, supportive environment where they can focus on their personal health goals. "Walking and Wellness" aims to empower students with the tools and knowledge to maintain a healthy lifestyle beyond the classroom.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

3D COMPUTER ANIMATION

Media

PREREQUISITES: None

Students will be introduced to the high-tech field of computer animation and three-dimensional designs used in such industries as game development, architectural and engineering walk-through, movies, and videos. Topics include 2D and 3D drawing, compound object creation, lighting cameras, backgrounds, materials, special effects, and computer animation. Students will use 3D Studio Max software, Tutorial, and Internet to complete assignments.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

ACCOUNTING (DC)

Finance & Business Services

PREREQUISITES:

Students will develop the fundamental skills required for business records management. Instruction includes organizing, summarizing, and analyzing financial records, budget preparation, and financial reporting. Students are introduced to computerized accounting, and accounting careers are explored. This course provides a foundation on which to continue studying business and accounting at the college level.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	10, 11, 12	ACCY 100 (3 Credits)

ANIMATION

Media

PREREQUISITES: None

Students will use Adobe Flash software to develop interactive, animated graphics for games, websites, movies and desktop presentations. They will enhance their animations by drawing or importing graphics and incorporating sounds and text.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semesters	0.5	1.0	10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

AP BUSINESS WITH PERSONAL FINANCE

Finance & Business Services

PREREQUISITES: None

AP Business with Personal Finance is an introductory, college-level business and personal finance course. Students explore the business disciplines of entrepreneurship, marketing, finance, accounting, and management through real-world business application, case studies, and project-based learning. In addition, students learn and apply all the National Standards for Personal Financial Education created by the Council for Economic Education and the Jump$tart Coalition for Personal Financial Literacy.

REMARKS: The purpose of this course is to prepare students for the AP Business with Personal Finance test; students are expected to sit for the test in the spring. This course is designated as a high school mathematics course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	3+

AP COMPUTER SCIENCE A

Information Technology

PREREQUISITES: AP Computer Science Principles

Students will design and implement solutions to problems by writing, running and debugging computer programs. They will use and implement commonly used algorithms and data structures. Students will code fluently in an object-oriented paradigm using the programming language Java. They will read and understand a large program consisting of several classes and interacting objects. Students will recognize the ethical and social implications of computer usage. This course will prepare students to be college and career ready in the Information Technology career pathway.

REMARKS: The purpose of this course is to prepare students for the AP Computer Science A test; students are expected to sit for the test in the spring. This course is designated as a high school mathematics course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

CAREER & TECHNOLOGY EDUCATION (CTE)

AP COMPUTER SCIENCE PRINCIPLES

Information Technology

PREREQUISITES: None

Students will learn various programming languages and create digital artifacts with practical, personal and social intent. This course is recommended for all students interested in a career within the Information Technology pathway. Students will use computing to explore and discover the connections within information; practice using mathematical and logical programming concepts; and explore the building blocks behind the Internet while learning how the Internet functions. Students will have the opportunity to investigate the links between Information Technology and other career pathways such as medicine, engineering, business, human services, and the arts.

REMARKS: The purpose of this course is to prepare students for the AP Computer Science Principles test; students are expected to sit for the test in the spring. This course is designated as a high school mathematics course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	3+

AP CYBERSECURITY

Information Technology

PREREQUISITES: None

AP Cybersecurity trains students in the field and aligns closely with standard first-year collegiate cybersecurity courses. Students explore defense-in-depth strategies and learn to address specific vulnerabilities, attacks, mitigations, and detection measures across a variety of domains, including physical spaces, computer networks, devices, applications, and data. Developed in partnership with college faculty and industry leaders, this yearlong course aligns with the NICE Workforce Framework.

REMARKS: The purpose of this course is to prepare students for the AP Cybersecurity test; students are expected to sit for the test in the spring. This course is designated as a high school mathematics course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

CAREER & TECHNOLOGY EDUCATION (CTE)

AP STUDIO ART (PHOTO)

Photography

PREREQUISITES: Photography 4

AP Studio Art is designed for students who are seriously interested in the practical experience of art. Students submit individual portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios for students to choose from, which includes Two-dimensional Design, Three-dimensional Design, and Drawing, This College Board program provides a national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while still in high school.

REMARKS: Students are encouraged to furnish their own camera, although it is not necessary.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

APPAREL MERCHANDISING AND DESIGN 1

Fashion & Design

PREREQUISITES: Fashion Construction 2

Step behind the scenes of the fashion industry! Explore how clothing goes from a designer's sketch to the store rack. You will dive into fashion history, trend forecasting, and the business side of retail, including visual merchandising and marketing. Find out what it takes to succeed in the fast-paced world of fashion!

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

APPAREL MERCHANDISING AND DESIGN 2

Fashion & Design

PREREQUISITES: Apparel Merchandising and Design 1

Ready to launch your fashion career? This advanced course builds on your merchandising knowledge, focusing on store design, production, and cost analysis. You will develop hands-on business plans and marketing strategies that mimic real-world fashion enterprises, preparing you for a dynamic career in the industry.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

AUTO TECHNOLOGY

Automotive Mechanic

PREREQUISITES: None

Students will explore careers in the transportation technology field. They will acquire general and technical knowledge and training related to the automobile with laboratory exercises on the electrical, fuel, mechanical, and chassis systems. A portion of the course deals with small engine repair.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

BAKING AND PASTRIES

Culinary

PREREQUISITES: Culinary 4: Meal Planning

Satisfy your sweet tooth and learn the science of baking! From flaky pastries to decadent cakes and artisan breads, you will master the techniques needed to create beautiful and delicious baked goods. Roll up your sleeves and get ready to create edible works of art.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

CHILD DEVELOPMENT (DC)

Education

PREREQUISITES: Introduction to Education

Explore the fascinating way children grow and learn! You will examine the physical, social, emotional, and intellectual development of kids. Through hands-on activities and observations, you will learn how to create engaging lessons and manage routines—perfect for future educators or childcare professionals.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	9, 10, 11, 12	CDEV 137 (3 Credits)

COMPUTER MAINTENANCE 1

Information Technology

PREREQUISITES: None

Get hands-on with the tech that powers our world! In this introductory course, you will learn the essentials of how computers work, basic troubleshooting, and operating system basics. It is the perfect starting point for anyone curious about IT, helping you build the foundation for fixing and maintaining everyday technology.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

COMPUTER MAINTENANCE 2

Information Technology

PREREQUISITES: Computer Maintenance 1

Take your tech skills to the next level! Building on Computer Maintenance 1, you will dive deeper into network connectivity, hardware repair, and advanced troubleshooting. Prepare yourself for real-world IT challenges and start paving the way for professional tech certifications like A+.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

COSMETOLOGY

Choose an item.

PREREQUISITES: Acceptance into cosmetology school.

Professional's Choice hair design academy

Students will participate in a cooperative program between the District and the Illinois Institute of Cosmetology. Students will attend high school for a half day and attend the cosmetology school of their choice that has been approved by the District for the remainder of the day. Students should apply and be accepted at the cosmetology school before registering for the remainder of their classes for the year of attendance. To receive high school credit for participation in this program, students will need to complete the required number of CREDITS necessary for each semester of attendance. They will also need to complete the total number of CREDITS required to qualify for the State licensing examination for cosmetology.

REMARKS: Students are responsible for tuition costs of approximately $9,800.00. Students must provide their own transportation to the cosmetology school. Students begin the program in July prior to their senior year.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	2.0	1.0	12	None

CULINARY 1: FOOD HANDLER

Culinary

PREREQUISITES: None

Welcome to the kitchen! Learn the essential skills of food safety, sanitation, and basic preparation to start your culinary journey. You will get hands-on experience using professional kitchen equipment while mastering simple and delicious recipes. Pass the exam to earn your industry-standard food sanitation certificate!

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

CULINARY 2: PRINCIPLES & APPLICATIONS (DC)

Culinary

PREREQUISITES: Culinary 1: Food Handler

Turn up the heat and expand your culinary repertoire! Using an industry-focused approach, you will dive into meal planning, nutrition, and advanced food preparation methods. Work in the lab to create impressive dishes while developing the teamwork and time-management skills used in professional kitchens.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	CA 105 (3 Credits)

CULINARY 3: SANITATION (DC)

Culinary

PREREQUISITES: Culinary 2: Principles & Applications (DC)

Safety first! Learn the vital sanitation and safety practices required to run a successful and healthy food service operation. This rigorous course prepares you for industry certifications and ensures you know exactly how to handle, store, and prepare food to the highest professional standards.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	CA 106 (3 Credits)

CULINARY 4: MEAL PLANNING (DC)

Culinary

PREREQUISITES: Culinary 3: Sanitation (DC)

Become a master menu creator! Explore the art and science of meal planning, taking into account nutrition, specialized diets, and flavor profiles. You will design, prepare, and plate well-balanced, mouth-watering meals that could rival any top restaurant.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	CA 104 (3 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

CULINARY 5: LEADERSHIP (DC)

Culinary

PREREQUISITES: Hospitality & Event Planning

Step up to the executive chef's plate! In this capstone course, you will manage kitchen operations, lead a culinary team, and refine your high-level cooking techniques. Prepare for a career in the food service industry by tackling real-world management challenges and perfecting your craft.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	12	CA 213 (3 Credits)

EARLY CHILDHOOD EDUCATION 1

Education

PREREQUISITES: Child Development (DC)

Get ready to shape young minds! Learn the skills needed to work in early childhood settings, including creating fun, educational activities in art, math, and science. You will gain hands-on experience in curriculum development and classroom management to help toddlers and preschoolers thrive.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

EARLY CHILDHOOD EDUCATION 2 (DC)

Education

PREREQUISITES: Early Childhood Education 1

Take your teaching skills further! Build upon your early childhood knowledge by developing advanced lesson plans and exploring the philosophies behind successful childcare centers. You will be fully prepared to step confidently into a preschool or daycare environment.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	10, 11, 12	CDEV 101 (3 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

ELECTRONICS AND ROBOTICS 1

Automotive Mechanic, Industrial Manufacturing

PREREQUISITES: None

Students will be introduced to basic components, electronic circuitry, electrical theory, testing and troubleshooting of both electric and digital electronic components through practical lab experiences. Students will also be introduced to robotics, electric power production, soldering, and theory progressing to applied wiring techniques used in both residential and commercial applications. Careers in electrical and electronic fields are also explored.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

ELECTRONICS AND ROBOTICS 2

Automotive Mechanic, Industrial Manufacturing

PREREQUISITES: Electronics and Robotics 1

Students will learn advanced components, electronic circuitry, electrical application, advanced testing and troubleshooting of both electric and digital electronic components through practical lab experiences. Students will also learn advanced robotics, electric power production, soldering, and applied wiring techniques used in both residential and commercial applications at advanced levels. Careers in electrical and electronic fields are explored in depth.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

ENGINEERING AND ARCHITECTURE 1 (DC)

Architecture

PREREQUISITES: None

Students will be introduced to standard drafting practices, 2-Dimensional and 3-Dimensional computer-aided drafting (CAD) software. Students will use industry-related equipment such as 3D printers and laser cutters. Students will develop an understanding of how CAD is used in the employment field, its concepts, terminology, and equipment and offers hands-on opportunities. Students engage in open-ended problem solving to learn and apply the engineering design process. Students will develop technical and creative skills to completely design and model residential plans, while incorporating design techniques, measurement, geometry, and statistics.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	CADD 101 (3 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

ENGINEERING AND ARCHITECTURE 2

Architecture

PREREQUISITES: Engineering and Architecture 1

Students will study advanced drafting practices, 2-Dimensional and 3-Dimensional computer-aided drafting (CAD) software. Students will advance their skills in industry-related equipment such as 3D printers and laser cutters. Students will further understand how CAD is used in the employment field, its concepts, terminology, and equipment and offers hands-on opportunities. Students engage in enhanced open-ended problem solving to apply the engineering design process. Students will strengthen their technical and creative skills to completely design and model residential and commercial plans, while incorporating design techniques, measurement, geometry, and statistics.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

ENGINEERING AND ARCHITECTURE 3

Architecture

PREREQUISITES: Engineering and Architecture 2

Students will build a digital portfolio to showcase their skills in engineering graphics and architecture for future colleges or employers. Students will focus on the integration of Computer Aided Drafting (CAD) to design and create technical drawings, 3D models, physical models, and prototypes. Students will also integrate industry-related tools such as 3D printers and laser cutters to bring their ideas to life.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

EXPLORING ENTREPRENEURSHIP

Finance & Business Services

PREREQUISITES: None

Have a big idea? Learn how to turn it into a reality! This course is perfect for future business owners and innovators. You will explore what it takes to start, manage, and grow your own business. From brainstorming a concept to creating a business plan, get ready to be your own boss!

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

EXPLORING THE TEACHING PROFESSION

Education

PREREQUISITES: Introduction to Education

Discover what makes a great teacher! Explore the purpose of schools, the attributes of successful educators, and the day-to-day realities of the classroom. Get a head start on your teaching career while evaluating if the education profession is your perfect match.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	EDUC 107 (3 Credits)

FASHION CONSTRUCTION 1

Fashion & Design

PREREQUISITES: None

Unleash your inner fashion designer! Learn the basics of sewing, fabric selection, and garment construction while exploring your personal style. You will get hands-on experience using sewing machines and equipment to create your own custom projects, bringing your fashion ideas to life!

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

FASHION CONSTRUCTION 2 (DC)

Fashion & Design

PREREQUISITES: Fashion Construction 1 (DC)

Take your sewing and design skills to the runway! Building on Fashion Construction 1, this advanced course dives deeper into complex patterns, detailed garment construction, and creative design techniques. Perfect for aspiring designers ready to challenge themselves and create high-quality, professional-looking apparel.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	10, 11, 12	FASHI 1200 (3 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

GAME DESIGN

Media

PREREQUISITES: Successful completion of Animation and Video Editing

The Game Design course teaches the fundamentals of designing a game using the most widely accessed and preferred editing engine in the world. The intent of this course is to prepare high school students with the industry related skills needed for the workplace and higher learning environments. By the end of this course, they will understand the design planning process, be knowledgeable of industry related careers, and be able to navigate the Unity environment in order to create 3D games.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	1.0	1.0	10, 11, 12	None

GRAPHIC DESIGN

Media

PREREQUISITES: Successful completion of Animation and Video Editing

Students will use Adobe Illustrator, InDesign, and Photoshop software to draw, paint, and lay out pages while creating enhanced, eye catching, professional designs and documents. They will manipulate photographs while using color printers, scanners, and digital cameras.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

HAIR BRAIDING

Choose an item.

PREREQUISITES: Acceptance into Fusion Hair Braid Academy.

First Semester introduces students to the field of natural hair care and braiding. Students will learn the impact of historical events on the industry as well as examine current and future trends. Then students will learn safety and infection control methods necessary to advance in the subsequent courses. Basic concepts such as: History of hair braiding, disinfection and sanitation, bacteriology, disorders and diseases of the hair and scalp, personal hygiene, public health, professional ethics, tools and equipment, basic styling knowledge, client consultation and face shapes, growth patterns, braid removal and scalp care, styles and sectioning, and client education, pre-care, post-care, home care and follow up services. Second Semester will begin with general grooming and styling techniques to perform on clients. Students will use various styling tools and equipment to achieve a client's desired outcome. Then students will learn advanced styling techniques such as the principles of braiding and braid extensions. Concepts such as: single braids with and without extensions, cornrows with and without extensions, twists and knots, multiple strands, hair locking, weaving/sewn-in, other procedures as they relate to hair-braiding; and product knowledge as it related to hair braiding.

REMARKS: Students are responsible for tuition costs at approximately $4,500.00. Students must provide their own transportation to the hair braiding school

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	2.0	1.0	12	None

HEALTH SCIENCES 1

Health Sciences

PREREQUISITES: None

Start your journey into the medical field! Explore careers in health, medicine, and veterinary sciences while learning the basics of anatomy, physiology, and first aid. You will get hands-on experience and discover what it takes to save lives and care for others.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

HEALTH SCIENCES 2

Health Sciences

PREREQUISITES: Health Sciences 1

Take a deeper dive into the world of healthcare! Building on Health Sciences 1, you will explore advanced medical concepts, patient care techniques, and healthcare laws. Prepare yourself for real-world medical challenges and future college programs in the medical field.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

HOSPITALITY AND EVENT PLANNING

Culinary

PREREQUISITES: Baking and Pastries

Be the ultimate host! Discover what it takes to organize unforgettable events, from catering and venue selection to guest relations and logistics. You will learn the ins and outs of the hospitality industry and gain the skills to execute flawless events with confidence.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	12	None

HUMAN BIOLOGY (DC)

Health Sciences

PREREQUISITES: None

Discover the incredible machine that is you! In this fascinating course, you will explore the anatomy and physiology of the human body, learning exactly how major systems work together to keep us alive, moving, and healthy. From the beating of the heart to the firing of neurons in the brain, you will dive into hands-on labs and activities that reveal the science behind human performance, genetics, and disease. It is the perfect starting point for future healthcare professionals or anyone curious about how their own body functions!

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	10, 11, 12	BIO 125 (4 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

INTERIOR DESIGN 1

Fashion & Design

PREREQUISITES: None

Transform empty spaces into stunning environments! Learn the principles of color, texture, and furniture layout to design aesthetically pleasing living areas. Through hands-on projects and floor plan creation, you will discover how to bring your creative vision to life and explore careers in the design world.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

INTERIOR DESIGN 2

Fashion & Design

PREREQUISITES: Interior Design 1

Elevate your design skills to professional heights! Dive deeper into architectural styles, advanced room layouts, and commercial space planning. You will tackle real-world design challenges and build a portfolio of intricate, creative living environments that showcase your talent.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

INTRODUCTION TO BUSINESS

Finance & Business Services , Information Technology, Media

PREREQUISITES: None

Dive into the exciting world of business! In this course, you will explore essential concepts like banking, finance, marketing, and management, while also discovering how the American economy works. Get ready to identify your career interests and build the professional skills that will make you successful in any workplace environment.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

INTRODUCTION TO EDUCATION

Education

PREREQUISITES: None

Thinking about becoming a teacher? Explore the rewarding world of education! You will learn about different teaching styles, classroom dynamics, and what it takes to inspire the next generation. It is the perfect first step for anyone interested in making a difference in the lives of others.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

INTRODUCTION TO FACS

Culinary , Education, Fashion & Design

PREREQUISITES: None

Discover the exciting fields within Family and Consumer Sciences! You will get a taste of culinary arts, fashion design, interior design, and child development. This hands-on course is the perfect way to explore your creative side, learn practical life skills, and find out which FACS pathway is right for you.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

INTRODUCTION TO TECHNOLOGY

Architecture , Automotive Mechanic, Engineering , Industrial Manufacturing , Media, Photography

PREREQUISITES: None

Get hands-on with the future! Explore the wide world of technology, engineering, and design. You will use industry-related equipment, learn basic technical skills, and discover how modern technology solves everyday problems. It is a great launchpad for future engineers, architects, and creators.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

INTRODUCTION TO TRADES

Automotive Mechanic , Construction, Industrial Manufacturing

PREREQUISITES: None

Build your future from the ground up! This course introduces you to the essential skills used in construction, manufacturing, and automotive mechanics. Through hands-on projects, you will learn tool safety, basic building techniques, and discover the rewarding career opportunities available in the skilled trades.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

JJC ADVANCED INTEGRATED MAINTENANCE PROGRAM (AIM)

Industrial Maintenance

The AIM Program is a 4-course Dual Enrollment Sequence

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

Students will ONLY participate in four of the five courses listed below depending on regional enrollment demands.

EEAS 101 BASIC WIRING AND CIRCUIT DESIGN

PREREQUISITE: None

This course covers the fundamentals of electrical and electronic circuits including the calculation and measurement of voltage, current, resistance and power. Emphasis is placed on safe meter usage, print reading and exposure to a variety of electrical technologies currently used in industry. Topics include: introductory residential wiring, operation of AC motors, industrial solid-state devices, variable frequency drives, industrial controls and single-phase/three-phase power distribution

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	EEAS 101 (4 Credits)

EEAS 111 INDUSTRIAL CONTROLS I

PREREQUISITE: None

Fundamentals of industrial controls. This course is designed to provide the student with skills in basic electrical theory including electron relationship, Ohm's Law, Power Law, and Series and Parallel circuit characteristics. The student will develop hands-on skills using transformers, motors, magnetic control devices, relays, time delay circuits, reversing circuits and other control input devices. Also covered are the application and installation of controls for pressure, temperature, flow, and level circuits.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	EEAS 111 (4 Credits)

IMT 101 INDUSTRIAL MAINTENANCE FUNDAMENTALS

PREREQUISITE: None

A course designed to provide a theoretical framework for the understanding of industrial mechanical systems with hands-on activities to reinforce the concepts introduced. Students will learn about OSHA safety programs, maintenance physics, hand and power tools, precision measuring, technical diagrams and assembly prints, fastening devices, lubrication, basic pump operation, and basic pipefitting procedures.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	IMT 101 (3 Credits)

IMT 121 INDUSTRIAL FLUID POWER

PREREQUISITE: None

A study of the principles of hydraulics and pneumatics as applied to the basic theory of fluidics and typical industrial circuits. Students will build fluid power circuits as applied to industrial applications.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	IMT 121 (3 Credits)

PCIT 111 PNEUMATIC MEASUREMENT AND CONTROL

PREREQUISITE: None

This course covers the principles of pneumatic control and measurement instrumentation. Fundamental concepts of application, operation, calibration, and troubleshooting are discussed. Student will gain functional knowledge in the installation, maintenance and repair of commonly utilized pneumatic control devices found in the process industry

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	PCIT 111 (3 Credits)

JJC APPLIED ENGINEERING TECHNOLOGY PROGRAM (AET)

Industrial Maintenance

The AET Program is a 3-course Dual Enrollment Sequence

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

MFG 101 PRECISION MACHINE TOOL TECHNOLOGY 1

PREREQUISITES: None

MFG 101 is designed to include both classroom and hands-on shop experience. In the shop, emphasis is placed on exercises and projects that embody the basic processes and operations in using hand tools, layout tools and machine tools such as vertical saw, drill presses, engine lathes, vertical milling machines, and surface grinders. In the classroom, emphasis is placed on the theory related information that is essential to set up and operate machine tools and to perform basic processes and operations in the machine shop.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	MFG 101 (4 Credits)

MFG 111 NUMERICAL CONTROL

PREREQUISITES: None

This course is designed to help the student acquire knowledge and skills in the use of numerical control and computer numerical control milling and turning machines. The course will also include NC and CNC general concepts and programming procedures. Students will have “hands-on” experience in programming, setting-up, and operating an NC milling and drilling machine and a CNC milling and drilling machine. Students will become familiar with Windows NT and the use of the computer program “Notepad.”

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	MFG 111 (3 Credits)

MFG 115 BLUEPRINT READING FOR MANUFACTURING AND WELDING

PREREQUISITES: None

MFG 115 is designed to develop a high degree of skill in visualizing and interpreting prints. The class work includes the principles of orthographic projection, dimensions and tolerances, the application and interpretation of machining, and welding symbols and specifications. This course also covers the reading of numerical control prints, sheet metal prints, machining prints, welding prints, and instrumentation and control diagrams.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	MFG 115 (3 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

JJC ARCHITECTURE, CONSTRUCTION MANAGEMENT, AND ENGINEERING (ACE)

Architecture, Construction

The ACE Program is a 5-course Dual Enrollment Sequence

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

ARCH 104 METHODS OF BUILDING CONSTRUCTION

Prerequisite: None

Survey of basic building systems including wood, concrete, and steel framing, building envelope and interior. The course is designed to develop an understanding of the materials and methods of construction of residential and commercial-type buildings and includes a survey of different types of construction and their advantages and limitations. Also, sustainable and green construction methods are covered. (previously AEC 104)

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	ARCH 104 (3 Credits)

CM 106 BLUEPRINT READING FOR CONSTRUCTION AND ARCHITECTURE

Prerequisite: None

Designed to provide proper knowledge of blueprint reading as it relates to the architectural or building construction industry. This course covers the theory of orthographic projections, reading floor plans and elevation drawings, symbols and notations, scaling and dimensioning practices, materials of construction; reading blueprints for structural information, electrical and mechanical trades blueprints; reading detail drawings, plot plans and specifications; types of heavy construction; and timber, steel and reinforced concrete. (previously AEC 106)

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CM 106 (3 Credits)

OPS 111 OSHA 10 HOUR CONSTRUCTION SAFETY

Prerequisite: None

This construction safety course provides basic safety training to the student preparing for a career in the construction industry. This course is the primary basic training program of the OSHA Outreach Training Program.

Course Length	Credit	Weight	Grade(s)	Early College Credit
Weekend	0.0	1.2	12	OPS 111 (1 Credits)

CM 101 INTRO TO CONSTRUCTION MANAGEMENT

Prerequisite: None

An introduction to the global construction industry and managing construction projects. Includes industry career options and industry terminology; the phases, delivery methods and services provided during construction projects;

an introduction to project scheduling, estimating, safety and sustainable construction; teaches basic construction math principles.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CM 101 (3 Credits)

CM 102 CONSTRUCTION MATERIALS AND TESTING

Prerequisite: None

Examination of the characteristics of materials such as wood, masonry, concrete, asphalt, stone and steel relative to their basic use in the construction industry. The physical properties of each will be studied relative to actual in-service behavior. An introduction to the field and laboratory methods of testing and inspection of construction materials is provided in hands-on lab sessions. (previously AEC 102)

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CM 102 (3 Credits)

JJC CERTIFIED NURSING ASSISTANT PROGRAM (CNA)

Health Sciences, Public Safety

The CNA program is a 1-course Dual Enrollment program

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

NA 101 CERTIFIED NURSE ASSISTANT TRAINING

PREREQUISITES: None

This course is designed to train and prepare students to take the Illinois Nurse Aide State Competency Exam (INACE). After passing the state exam, students are eligible to work as a Certified Nurse Assistant (CNA) in hospitals, long-term care, home health, and other healthcare settings. There are three components to the NA 101 course: lecture, lab, and clinical. The course includes 64 hours in the lecture, 30 hours in the lab, and 48 hours in the clinical setting. To be eligible for this class, students must have a valid Social Security card, be at least 16 years of age, have completed at least 8-grade levels of schooling, speak and understand the English language, and have good physical, mental, and emotional health. This course is approved by the Illinois Department of Public Health (IDPH).

REMARKS:

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Textbooks are at the expense of the district
- All other fees are at the expense of the STUDENT. Fees could including but not limited to Uniform, watch, stethoscope, blood pressure cuff, gate belt, drug screening, medical records/tests and upload, CPR Training. $550
- Students are responsible for their own transportation to and from class.
- Prior to the start of class (but after the student + parent meeting), students will submit the following to JJC:
    - Copy of your Social Security card
    - Fingerprints
    - IDPH background check
    - Drug screening including Marijuana
    - Medical/Vaccine records
- Students must maintain and 80% average to stay in the class, take the pre-clinical test, continue into clinicals. Students must also pass the 21 skills test.
- Clinicals will take place at the end of the class at an available medical site under certified medical supervision including: Hospital, Extended/long term care facility, or nursing homes.
- For Clinicals:

- No visible tattoos
- No excessive piercings (1 stud per ear)
- No long nails

- Student section preference will be considered (Night Class OR Weekend) but not guaranteed.
- Students will be dropped from the program on their 2nd absence.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	2.0	1.2	12	NA 101 (6 Credits)

JJC CISCO NETWORKING PROGRAM

Information Technology

The CISCO Program is a 4-course Dual Enrollment Sequence

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

CNT 101 INTRO TO NETWORKS

PREREQUISITES: None

Study of the devices and protocols used to connect computers and support devices into a network. Topics include: OSI model (layers 1 & 2), IP and MAC addresses, TCP, ARP and RARP. The function of hubs, switches and routers are compared and contrasted. Also covered is media design, structured cabling, and network management. This course is the first of four that prepares students for the Cisco Certified Network Associate. This course is the first step in taking the CCNA certification exam offered by Cisco.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CNT 101 (3 Credits)

CNT 102 SWITCHING, ROUTING AND WIRELESS ESSENTIALS

PREREQUISITES: CNT 101 - Intro to Networks

The Cisco Academy's intermediate class for the Cisco Certified Network Associate (CCNA) exam. Students learn theory and application for switching and security. This class uses interactive media to apply and practice knowledge through a series of hands-on and simulated activities that reinforce learning.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CNT 102 (3 Credits)

CNT 220 SECURING IT INFRASTRUCTURE

PREREQUISITES: CNT 101 - Intro to Networks

This course is approved by Cisco Systems Inc., and prepares students for the Cisco Certified Network Associate (CCNA) exam. The US National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognize that the Cisco CCNA certification courseware meets the CNSS 4011 training standard. This course provides training to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CNT 220 (3 Credits)

CIS 125 AWS CLOUD PRACTICIONER

PREREQUISITES: CNT 101 - Intro to Networks

This introduction to cloud course covers material pertaining to both CompTIA Cloud Essentials and Introduction to Cloud Infrastructure Technologies LinuxFoundationX - LFS151. x. Cloud Essentials certification is listed among the top 10 cloud certifications for partners (Goodenough and Peterson, 2016). The CompTIA Cloud Essentials Course is a vendor neutral technical qualification. The Cloud Essentials course is relevant to business analysts, business process owners, technical support staff, managed service provider personnel, new data center staff, and sales/marketing staff in cloud product or service environments. Cloud Infrastructure Technologies LinuxFoundationX - LFS151. x is a vendor-neutral curriculum designed for business owners and technical professionals who want to bolster their knowledge of the fundamentals of Cloud Computing. Introduction to Cloud Infrastructure Technologies will help you understand the basics of Cloud Computing terminology, tools, and technologies associated with today's top Cloud platforms. Anyone looking at moving to the Cloud, regardless of vendor or platform, can benefit from Introduction to Cloud Infrastructure. The course is made available through Certified instructors within JJC.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	CIS 125 (3 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

JJC FIRE SCIENCE AND EMS PROGRAM

Health Sciences, Public Safety

The Fire Science & EMS program is a 3-course Dual Enrollment Sequence

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

EMS 100 PUBLIC SERVICE CAREERS

PREREQUISITES: None

This course introduces the public service areas of study: fire, EMS and law enforcement/criminal justice. The first third of the course will focus on the fire service, including the history, fireground operations and career options. The second third of the course will focus on EMS, including history, organization, relationship to fire and police fields, and allied health careers. The last third of the course will introduce law enforcement/criminal justice content, focusing primarily on history, operations and careers in the police department and criminal investigation fields. The course will use lecture, hands-on activities, field trips, speakers, basic first aid training and self-defense training as a way to impart the importance of these careers to maintaining public safety and wellbeing.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	EMS 100 (2 Credits)

FSCI 101 PRINCIPLES OF EMERGENCY SERVICES

PREREQUISITES: Minimum placement into ENG 020 and ENG 098, or higher-level placement.

This course provides an overview to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. This course meets the FESHE Guidelines for Principles of Emergency Services.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	FSCI 101 (3 Credits)

EMS 101 FIRST RESPONDER/EMR

PREREQUISITES: Minimum placement into ENG 098 and ENG 020, or higher level English placement via ACT/SAT/PSAT or HS GPA per current JJC placement policies.

This course contains lecture and hands-on skills. In Illinois, the First Responder/Emergency Medical Responder (EMR) uses a limited amount of equipment to perform an assessment and complete stabilizing interventions until the arrival of EMT's and/or paramedics. Upon successful completion, adult students will be eligible to receive EMR licensure from the Illinois Department of Public Health. This course is a required prerequisite to the JJC Emergency Medical Technician (EMT) course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
Weekend	1.0	1.2	12	EMS 101 (4 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

JJC LAW ENFORCEMENT PROGRAM

Public Safety

The Law Enforcement Program is a 3-course Dual Enrollment Sequence

- Due to low enrollment capacity in dual enrollment programs, interested students are competitively ranked with points including Attendance, Grades, Credits, GPA, Pathway courses taken, equity, and staff recommendation. Students will be notified about their acceptance/waitlist/denial by the end of April.
- Accepted students must attend the mandatory student + parent meeting In the spring.
- This course is taught by Joliet Junior College Staff on JJC main campus.
- Tuition is at the expense of the district.
- Students are responsible for their own transportation to and from class.

EMS 100 PUBLIC SERVICE CAREERS

PREREQUISITES: None

This course introduces the public service areas of study: fire, EMS and law enforcement/criminal justice. The first third of the course will focus on the fire service, including the history, fireground operations and career options. The second third of the course will focus on EMS, including history, organization, relationship to fire and police fields, and allied health careers. The last third of the course will introduce law enforcement/criminal justice content, focusing primarily on history, operations and careers in the police department and criminal investigation fields. The course will use lecture, hands-on activities, field trips, speakers, basic first aid training and self-defense training as a way to impart the importance of these careers to maintaining public safety and wellbeing.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	EMS 100 (2 Credits)

LENF 101 INTRODUCTION TO LAW ENFORCEMENT

PREREQUISITES: Minimum placement into ENG 020 and ENG 098, or higher-level placement.

A three-unit survey course covering the history of law enforcement, an in-depth analysis of the American Constitution as it applies to law enforcement and a career orientation emphasizing the realities of a career in law enforcement at local, state and federal levels of service.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Quarter	0.5	1.2	12	LENF 101 (3 Credits)

EMS 101 FIRST RESPONDER/EMR

PREREQUISITES: Minimum placement into ENG 098 and ENG 020, or higher level English placement via ACT/SAT/PSAT or HS GPA per current JJC placement policies.

This course contains lecture and hands-on skills. In Illinois, the First Responder/Emergency Medical Responder (EMR) uses a limited amount of equipment to perform an assessment and complete stabilizing interventions until the arrival of EMT's and/or paramedics. Upon successful completion, adult students will be eligible to receive EMR licensure from the Illinois Department of Public Health. This course is a required prerequisite to the JJC Emergency Medical Technician (EMT) course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
Weekend	1.0	1.2	12	EMS 101 (4 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

JTHS CEO

Finance & Business Services

PREREQUISITES: Students are selected through an application process to the JTHS CEO Board of Directors.

Joliet Township High School – Creating Entrepreneurial Opportunities covers the basics of conceptualizing, starting, and running a small business through project-based experiences. Students will have opportunities for job shadowing and business mentor relationships as the class visits several Joliet area businesses. Students will create business plans as they learn from industry experts and guest speakers. An advisory team will review student presentations of business plans before creating a class business first semester and an individual student business second semester. At the final tradeshow event, students will operate and showcase their individual student business as future Entrepreneurs.

REMARKS: Students will board a bus at the start of Period 2 and will arrive back to campus to begin Period 4b - Class will be held at a different Joliet area business (Host Site) each day - This program meets the 60-Hour Career Development Experience with a professional skills assessment requirement for the Career Pathway Endorsement.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	2.0	1.0	12	None

MARKETING

Finance & Business Services

PREREQUISITES: None

Ever wonder why certain brands go viral? Step into the fast-paced world of marketing to find out! You will learn how companies promote their products, understand consumer behavior, and create advertising campaigns. Unleash your creativity and discover how to sell your ideas to the world.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

MEDICAL TERMINOLOGY (DC)

Health Sciences

PREREQUISITES: None

Learn the language of medicine! In this course, you will decode the complex vocabulary used by doctors, nurses, and healthcare professionals. By breaking down medical words into roots, prefixes, and suffixes, you will quickly master thousands of terms related to human anatomy, diseases, and medical procedures. Whether you are planning a future career in healthcare, nursing, or sports medicine, this class will give you the fluency you need to navigate the medical world with confidence.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	10, 11, 12	BIO 100 (3 Credits)

METALS TECHNOLOGY

Industrial Manufacturing

PREREQUISITES: None

Students will be exposed to a wide variety of metalworking experiences in this basic course. Units cover sheet metal, forging, heat treating and machine shop processes. Students will learn basic operations on bench tools, metal lathes, mills, grinders, and drilling machines. Career opportunities will also be explored.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

MICROSOFT OFFICE

Finance & Business Services

PREREQUISITES: None

Become a tech wizard with the tools professionals use every day! In this course, you will master the essentials of Microsoft Word, Excel, and PowerPoint. Whether you are typing a paper, creating a dynamic presentation, or organizing data, you'll gain the digital skills needed to stand out in high school, college, and your future career.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

PERSONAL FINANCE (DC)

Finance & Business Services

PREREQUISITES: None

Students will gain knowledge to become better consumers in our society. Course topics include financial literacy, installment purchasing, managing consumer credit, budgeting, savings, investing, banking, understanding contracts, taxations, insurance, comparative shopping, consumer protection and assistance, and energy conservation. Additionally, students will learn the role of a consumer as a citizen and wage earner, interacting with agriculture, business, labor unions, and government. This course would also be helpful to those students interested in career areas such as resource manager, conservationist, customer relations, financial planner, and consumer advocate.

REMARKS: This course meets the state requirement for Consumer Education. This course is offered in a blended option. Students enrolled in this course may have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	FIN 100 (3 Credits)

PLTW BIOMEDICAL INNOVATION

Health Sciences

PREREQUISITES: PLTW Medical Interventions or taking concurrently.

Students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences in this capstone class. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	12	None

PLTW ENGINEERING DESIGN AND DEVELOPMENT

Engineering

PREREQUISITES: PLTW Principles of Engineering (POE)

This is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process.

Students will perform research to select, define, and justify a problem. After carefully defining the design requirements and creating multiple solution approaches, teams of students select an approach, create, and test their solution prototype. Student teams will present and defend their original solution to an outside panel.

While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem-solving abilities, and their understanding of the design process.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	None

PLTW HUMAN BODY SYSTEMS

Health Sciences

PREREQUISITES: Completion of Principles of Biomedical Science and Pre-Algebra

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Dissection of various animal organs is part of this course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

PLTW INTRODUCTION TO ENGINEERING DESIGN

Engineering

PREREQUISITES: Not enrolled in math support

Students engage in open-ended problem solving, learn and apply the engineering design process, and use the same industry-leading technology and software as are used in the world's top companies. Students are immersed in design as they investigate topics such as technical sketching and drawing, modeling, measurement, geometry, and statistics.

Course Length	Credit	Weight	Grade(s)	Early College Credit

2 Semesters	1.0	1.2	9, 10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

PLTW MEDICAL INTERVENTIONS

Health Sciences

PREREQUISITES: PLTW Human Body Systems or taking concurrently.

Students will investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. The course will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs of the body begin to fail. Students will practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE

Health Sciences

PREREQUISITES: Concurrent enrollment in Algebra 1 without support

Students will explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. Dissection of various animal organs is part of this course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	None

PLTW PRINCIPLES OF ENGINEERING

Engineering

PREREQUISITES: Successful completion of PLTW Introduction to Engineering Design with a C or better and completion or concurrent enrollment in Physics/Honors Physics

Students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation through problems that engage and challenge. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

PRINCIPLES OF CUSTOMER SERVICE (DC)

Finance & Business Services

PREREQUISITES: None

Learn the secret behind every successful business: happy customers! This course will teach you the essential communication and problem-solving skills needed to provide top-notch service in any industry. Gain a competitive edge for your first job or future career by mastering how to interact professionally and effectively.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	BUS 110 (3 Credits)

SPORTS MARKETING

Finance & Business Services

PREREQUISITES: None

Turn your passion for sports into a powerhouse of business knowledge! Explore the exciting intersection of athletics and marketing by learning how professional teams, athletes, and brands attract fans and sponsorships. Dive into game-day promotions, merchandise sales, and the strategies that make sports a multi-billion-dollar industry.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

TEACHING IN A DIVERSE ENVIRONMENT (DC)

Education

PREREQUISITES: Introduction to Education

Learn how to reach every student! In this course, you will explore the rich diversity found in today's classrooms and develop culturally responsive teaching strategies. Understand how personal biases affect learning and celebrate the unique contributions of all cultural groups

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	EDUC 210 (3 Credits)

TECHNOLOGY FOR TEACHING AND LEARNING (DC)

Education

PREREQUISITES: Introduction to Education

Bring the classroom into the 21st century! Discover how to use digital tools, media, and interactive software to boost learning and engage students. You will learn how to be a digital citizen and use technology to make teaching more effective and fun.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	EDUC 225 (2 Credits)

CAREER & TECHNOLOGY EDUCATION (CTE)

VIDEO EDITING

Media

PREREQUISITES: None

Students will use Adobe Premiere Pro software to create commercials, documentaries, training videos, and short movies. Through the use of digital still cameras and digital video cameras, this process will include scripting, storyboarding, video and audio editing, lighting, and other special effects.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semesters	0.5	1.0	10, 11, 12	None

VOCATIONAL AUTO MECHANIC 1 (DC)

Automotive Mechanic

PREREQUISITES: Auto Technology

Students will participate in this ASE, NATEF, and AYES certified course to prepare them for a career in automotive technology. First semester consists of theory and shop work involving lubrication, tires, exhaust, brakes, steering, suspension, and wheel alignment. Second semester consists of theory and shop work involving engines, electrical and fuel systems. Emphasis will be on diagnosis, testing, and repair of automobiles.

REMARKS: This class will meet for 2 hours daily. West students are transported to and from Central. Students enrolled in this course may have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	2.0	1.0	11, 12	AS 106 (3 Credits)

VOCATIONAL AUTO MECHANIC 2

Automotive Mechanic

PREREQUISITES: Vocational Auto Mechanic 1 (DC)

Students will prepare for a career in auto mechanics through this ASE, NATEF, and AYES certified second year course. The course will consist of advanced auto mechanical theory

REMARKS: This class will meet for 2 hours daily. West students are transported to and from Central.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	2.0	1.0	11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

WEB DESIGN

Media

PREREQUISITES: Successful completion of Animation and Video Editing

Students will use Dreamweaver and other advanced software to design, create, and maintain an interactive website. Students will learn how to apply basic design concepts, write HTML code, and create cascading style sheets (CSS). Audio and video clips, hyperlinks, buttons, banners and hit counters will be created. Various digital media will be used, and career opportunities also will be explored.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semesters	0.5	1.0	11, 12	None

WELDING TECHNOLOGY 1

Industrial Manufacturing

PREREQUISITES: None

Students will receive knowledge and skills in the welding trade including basic oxyacetylene cutting, brazing and welding shielded metal arc welding plasma cuttings, hand and power tools, troubleshooting equipment and layout and planning. Safety practices will be taught and reinforced throughout the course. Theory and practice in various welding techniques are covered along with project work. Orientation to welding careers is included.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

WELDING TECHNOLOGY 2

Industrial Manufacturing

PREREQUISITES: Welding Technology 1

This course will build off the experiences learned through Welding Technology 1. Students will further enhance their skills for such topics as oxyfuel cutting brazing and welding, and shielded metal arc welding. In this course students will be given instruction on set up and use with gas metal arc welding, flux cored arc welding and gas tungsten arc welding. Students will practice safe welding procedures following OSHA safety standards. Students will additionally learn how to read welding symbols, use practical math needed for careers in the trades and skills needed for job readiness.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

WOODS AND CONSTRUCTION 1

Construction

PREREQUISITES: None

Ready to build something amazing? Step into the woodshop and learn the basics of woodworking! You will master tool safety, wood identification, and fundamental construction techniques while creating your very own custom hands-on projects.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

WOODS AND CONSTRUCTION 2

Construction

PREREQUISITES: Woods and Construction 1

Level up your woodworking skills! Build on what you learned in Woods 1 by taking on more complex projects, learning advanced joinery techniques, and using specialized power tools. Bring your creative designs to life with precision and craftsmanship.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

WOODS AND CONSTRUCTION 3

Construction

PREREQUISITES: Woods and Construction 2

Become a master craftsman! In this advanced course, you will focus on high-quality furniture making, intricate design, and professional finishing techniques. Challenge yourself to create stunning, durable pieces that showcase your talent.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

WOODS AND CONSTRUCTION 4

Construction

PREREQUISITES: Woods and Construction 3

Take the lead in the woodshop! Work on large-scale, independent woodworking projects while refining your attention to detail. You will learn the advanced skills needed for a potential career in carpentry, cabinet making, or construction.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

CAREER & TECHNOLOGY EDUCATION (CTE)

WOODS AND CONSTRUCTION 5

Construction

PREREQUISITES: Woods and Construction 4

Refine your expertise in woodworking! This course offers specialized instruction in advanced construction and manufacturing techniques. You will design, plan, and execute highly detailed projects from start to finish, demonstrating true craftsmanship.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

WOODS AND CONSTRUCTION 6

Construction

PREREQUISITES: Woods and Construction 5

The ultimate woodworking capstone! Perfect your skills and build a professional-level portfolio of your work. You will manage complex, independent builds and explore the professional aspects of the woodworking and construction industries.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

WORKPLACE INTERNSHIP COURSE

All Career Pathways, Post-Secondary Preparation

PREREQUISITES: Completed coursework in the students identified Career Pathway and On track for graduation

WBL
WORK-BASED LEARNING

Workplace Internship Course offers an opportunity for students to “Earn while you learn” in their declared career pathway. Students will use class time to meet in-person with their instructor and peers during class time and use the unscheduled blended days as release to work in the field where they practice their employability and technical skills in an authentic work environment.
Students will develop a professional individualized learning plan focused on their career pathway and related employability and technical skills. This professional learning plan will be developed in collaboration with the teacher, and their employer supervisor. A professional skills assessment will be completed by the Work-Based Learning Coordinator across multiple site visits.

REMARKS:

- A current job/internship in the student’s career pathway is recommended (but not required) for the first day of class.
- This is a blended class where students will meet in-person during their scheduled time one-five days per week depending on curriculum.
- The student schedule may include early release to attend work.
- This course meets the state requirement for Consumer Education.

- Students subject to workplace requirements which may include but not limited to drug testing, physical exam, and vaccine requirements.
- The student will submit weekly or bi-weekly paystubs or proof of work to the coordinator.
- Students will provide their own transportation to worksites, and any material/supply needs specific to the placement.
- Subject to US and Illinois labor laws:
    - <18 years of age no Hazardous Occupations (HOs)
    - 16 years of age OR Work Permit issued
    - Social Security Card OR Work Authorization Card
    - State ID OR Legal Residency Card
    - Birth Certificate OR Passport
- Subject to Illinois child labor laws
- Unemployment does not apply

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semesters Repeat Credit Allowed	0.5 - Class 0.5 - Per 120 work hours (up to 1.0)	1.0	11, 12	None

WORKPLACE INTERNSHIP CREDIT

All Career Pathways, Post-Secondary Preparation

PREREQUISITES: On track for graduation and successful placement with an approved JTHS internship partner in the students declared Career Pathway

Workplace Internship Credit provides students with work experience in fields related to the student's career pathway. This program will offer early exposure to a workplace environment related to the student's chosen career path. Students will work with their employer to set goals and better develop career-related skills specific to the identified career and workplace environment. Students will attend a weekly virtual meeting to check-in with their Work-Based Learning coordinator and discuss relevant workplace topics. A professional skills assessment will be completed by the Work-Based Learning Coordinator across multiple site visits.

REMARKS:

- 0.25 credits per 60 hours of approved work experience per semester, up to 0.5 credits total,
- Students will earn credit and potentially pay depending on placement,
- Students will submit weekly paystubs or proof of work to the coordinator,
- Students will provide their own transportation to worksites, and any material/supply needs specific to the placement,
- Placements must be approved by the coordinator in advance,
- Internship hours must take place outside of the student's class schedule
- Students will develop an individual learning plan in collaboration with their employer
- Subject to US and Illinois labor laws:
    - <18 years of age no Hazardous Occupations (HOs)
    - 16 years of age OR Work Permit issued
    - Social Security Card OR Work Authorization Card
    - State ID OR Legal Residency Card
    - Birth Certificate OR Passport
- Subject to Illinois child labor laws
- Unemployment does not apply

Course Length	Credit	Weight	Grade(s)	Early College Credit
Summer Internship	0.25 - Per 60 work hours (up to 1.0)	1.0	11, 12	None

ADVANCED MULTIMEDIA JOURNALISM AND PRODUCTION

PREREQUISITES: Successful completion of Intermediate Multimedia Journalism and Writing (this course can be taken year after year for additional credit).

Students will apply their writing and basic production skills in all forms of media. Students will assume an editor/staff position in which they prove they have skills valuable to the publications/programs produced in this course - Web, newspaper, yearbook. This course will teach more advanced journalism production skills, including publications design, marketing, and sales, reporting and ethics.

REMARKS: This course is not a substitute for any of the English 1-4 courses required for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

AP ENGLISH 3: LANGUAGE AND COMPOSITION

PREREQUISITES: English 2 and must meet district honors criteria.

Students will become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Therefore, this composition course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the development of writing facility in any context.

REMARKS: This course is offered in a blended option. The purpose of this course is to prepare students for the AP Language and Composition test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11	3+

ENGLISH AND ESL

AP ENGLISH 4: LITERATURE AND COMPOSITION

PREREQUISITES: English 3 and must meet district honors criteria.

Students will learn to recognize major movement trends and styles in British, American, and World literature through the study of representative works and from various genres and significant writers. The emphasis in composition is upon analytical and persuasive writing. Students are expected to produce analytical papers through close reading considering structure, style, theme, and literary and rhetorical devices.

REMARKS: This course is offered in a blended option. The purpose of this course is to prepare students for the AP Literature and Composition test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

AP SEMINAR: ENGLISH

PREREQUISITES: Pre-AP English 1 and must meet district honors criteria.

This course exposes students to a variety of texts covering multiple genres, topics, and rhetorical contexts in a seminar-style setting. AP Seminar fosters students' ability to summarize and explain the salient ideas in a text by analyzing an author's perspective, rhetorical choices, and argumentative structure. Students evaluate a variety of literary, informational, and visual texts, and synthesize perspectives to develop evidence-based arguments. Students convey their findings through multiple written formats, multimedia presentations, and oral defenses.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10	3+

EL LITERACY

PREREQUISITES: Assessment and/or teacher/counselor recommendation.

Students will use phonics, decoding and word attack skills to understand vocabulary. Students will use context clues and determine literal meanings in text. Students will define and use new vocabulary, read and follow directions, follow oral directions, and develop oral communication skills in English.

REMARKS: Students may be enrolled in either the Newcomer EL Literacy, EL Literacy A, or EL Literacy B section based on assessment scores.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

ENGLISH AND ESL

ENGLISH 3

PREREQUISITES: English 2

Students will be devoted to the study of American literature that spans from the 1800s through present day. Students will continue to build on writing skills from previous instruction, develop and refine analytical reading skills and enhance necessary communication skills. Throughout this course, students will have a unique opportunity to explore the parallels between American literature and U.S. History.

REMARKS: This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11	None

ENGLISH 3: POWER, PRIVILEGE, AND JUSTICE IN AMERICA

PREREQUISITES: English 2

Students will explore the barriers encountered by those furthest from opportunity due to race, economics, gender, sexual orientation, and any number of social constructs. Through the examination of these systems, students will come to understand the impact that power, privilege, and resistance have had in shaping the course of America, and they will also explore ways to challenge inequitable power structures. Students will continue to build on writing skills from previous instruction, develop and refine analytical reading skills, and enhance necessary communication skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11	None

ENGLISH 4: INTRODUCTION TO RHETORIC

PREREQUISITES: English 3.

Transitional English courses are college preparatory courses that develop student skills in reading, critical thinking and analysis, and writing to support student success across majors and career pathways while aligning with the Illinois Learning Standards. Transitional English courses address, at minimum, the following domains and competencies: reading (active reading strategies, summarization of a text, analysis and interpretation of texts), writing (identification of and writing processes based on audience, purpose and task, incorporation and documentation of relevant information), and critical thinking and analysis (credibility and reliability of evidence, engagement with evidence, information literacy skills). Additionally, the course emphasizes domains of metacognition and essential skills to develop self-awareness and overall college and career readiness. Upon completion, students should be able to adapt their approaches and strategies as they engage in reading and writing tasks; analyze, evaluate, and synthesize while reading and writing; and demonstrate information literacy skills as an engaged reader and as a contributing writer. The course is delivered through an approach that integrates instruction across the competency domains and organizes the course pedagogy and selected texts around themes, critical issues, or concepts that foster critical thinking, reading, and writing skills.

REMARKS: This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	12	None

ENGLISH AND ESL

ESL 1

PREREQUISITES: Primarily a course for newcomer students or those students with ACCESS scores in the 'Entering' stage.

Students will develop listening and oral language skills in English, demonstrate basic English oral and written communications skills, construct simple sentences and paragraphs, use basic grammar rules, read and interpret a variety of texts, and develop English vocabulary.

REMARKS: Students may also be enrolled for an additional class period in a special reading laboratory.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

ESL 2

PREREQUISITES: Completion of ESL 1 and/or dependent on the level of second language acquisition. Primarily a course for newcomer students or those students with ACCESS scores in the 'Emerging' stage.

ESL 1 will focus heavily on language acquisition, while ESL 2 will focus on transitional English (literature) skills. The course will include elements of English 1 and English 2 which will be used with the intent to transition into a grade-level co-taught English course for our EL students.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

LITERACY

PREREQUISITES: Students qualify for Literacy based on their 8th grade Pre-ACT scores, previous STAR reading scores, and reading assessment screening.

The Literacy course will enhance students' reading skills for success in high school. Students will learn how to "read to learn", improving their literacy skills as they apply research-based reading strategies to all content areas. The skills-based instruction will concentrate on comprehension, vocabulary development, word recognition, and life-long literacy skills. Students will be recommended for exit when they have achieved specific exit criteria.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9	None

MULTIMEDIA JOURNALISM AND WRITING

PREREQUISITES: Successful completion of English 1 and/or strong writing skills.

Students will be introduced to the world of multimedia, learn various forms of journalistic writing across the media, print, Web, and broadcast, as well as basic web and hard copy production and editing.

REMARKS: This course is not a substitute for any of the English 1-4 courses required for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

ENGLISH AND ESL

PRE-AP ENGLISH 1

PREREQUISITES: None.

Texts take center stage in the Pre-AP English 1 classroom, inspiring and preparing all students for close, critical reading and analytical writing. This course trains the reader to observe the small details in a text to arrive at a deeper understanding of the whole. It also trains the reader to appreciate authors' sometimes-subtle choices, developing an awareness of how words produce effects and how the conventions of the English language are used for both precision and style. As writers, students focus first on crafting complex sentences, building this foundational skill; they then move on to producing well-organized paragraphs and, as the year progresses, more sophisticated, longer-form analyses.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9	None

PRE-AP ENGLISH 1 HONORS

PREREQUISITES: Must meet district honors criteria.

Texts take center stage in the Pre-AP English 1 classroom, inspiring and preparing all students for close, critical reading and analytical writing. This course trains the reader to observe the small details in a text to arrive at a deeper understanding of the whole. It also trains the reader to appreciate authors' sometimes-subtle choices, developing an awareness of how words produce effects and how the conventions of the English language are used for both precision and style. As writers, students focus first on crafting complex sentences, building this foundational skill; they then move on to producing well-organized paragraphs and, as the year progresses, more sophisticated, longer-form analyses. At the Honors level, the content is of greater complexity and addressed at an accelerated pace.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9	None

PRE-AP ENGLISH 2

PREREQUISITES: Pre-AP English 1 or Pre-AP English 1 Honors.

English 2 builds on the foundation of the English 1 course, with an emphasis on the recursive moves that matter in preparing students for the challenges of college-level reading, writing, and discussion. While English 1 introduces the fundamental routines of close observation, critical analysis, and appreciation of author's craft, English 2 requires students to apply those same practices to a new host of nonfiction and literary texts. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced analytical essays without losing sight of the importance of well-crafted sentences and a sense of cohesion. Each unit of English 2 culminates in a writing task that reflects the rigor of similar tasks they will eventually encounter on standardized writing exams, in AP English courses, and in college classes.

REMARKS: This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10	None

ENGLISH AND ESL

RHETORIC 101 (DC)

PREREQUISITES: English 3 and meet Joliet Junior College placement criteria.

Students will acquire writing skills necessary for success in college. It is required for students intending to continue in a baccalaureate program. Special emphasis is placed upon summary writing, exposition, and argumentation.

REMARKS: This course is offered in a blended option. Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	12	ENG 101 (3 Credits)

RHETORIC 102 (DC)

PREREQUISITES: English 3 and meet Joliet Junior College placement criteria. Students must receive a grade of "C" or better in Rhetoric 101 in order to enroll in Rhetoric 102 for college credit.

Students will continue their training and practice in composition. Students will develop their writing competencies as they study a variety of genres. A 2,500+ word research paper is required.

REMARKS: This course is offered in a blended option. Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	12	ENG 102 (3 Credits)

ADVANCED DRAWING AND PAINTING STUDIO

Arts & Communication

PREREQUISITES: You must have at least a 'B' average or higher in Drawing and Painting Studio OR teacher recommendation.

Advanced Drawing and Painting Studio is a studio course in which the student has more opportunity to develop a higher level of personal expression, visual aesthetic judgment, and technical skill in 2D media. Students will work to develop a unique artistic voice and style within their artwork. Studio activities are centered around themes and ideas, and students are expected to develop personal solutions using a wide variety of traditional drawing and painting media as well as new more contemporary media that can include anything from digital media to collage. Creative thought and individual artistic expression are developed through the use of sketchbooks, journals, gallery visits, and a variety of creative thinking strategies. Students study and critically respond to significant historical works of art, artists, and art periods in the process of refining their own artistic vision. Students begin to learn to prepare and present their work for group critiques, portfolios, and exhibitions. Advanced Drawing and Painting Studio provides students with the basics, insight, and some actual work that directly connects to the AP Studio Art Course, and more specifically to the 2D and Drawing portfolios. The skills, knowledge, and insight gained in this course will help prepare students for any career and life pursuit. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

ADVANCED SCULPTURE STUDIO

Arts & Communication

PREREQUISITES: Intermediate Art OR you must have at least a 'B' average or higher in Sculpture Studio OR teacher recommendation.

Students will utilize their knowledge of art to identify problems and explore original solutions to produce finished works of art (drawing, painting, printmaking). Students will employ creativity, higher level thinking skills, and insightful responses to visual stimuli. Advanced Sculpture studio is designed for students interested in further pursuing areas of 3-D design in terms of skill proficiency as well as personal expression. This course will allow students to delve deeper into the properties and possibilities of clay and other sculptural materials including wire, plaster, wood, and fabric, among others. Students begin to explore aesthetic preferences in the growth of an artistic style. Studio activities center on development of technical skills in a wide variety of sculptural processes that include mishima, and traditional patina finishes, as well as new more contemporary media that can include installations, textiles, and mixed media. Students study and critically respond to significant historical works of art, artists, and art periods in the process of refining their own artistic vision. Students begin to learn to prepare and present their work for group critiques, portfolios, and exhibitions.

Advanced Sculpture studio provides students with the basics, insight, and some actual work that directly connects to the AP Studio Art course and more specifically to the 3D Portfolio. The skills, knowledge, and insight gained in this course will help prepare students for any career and life pursuit. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

FINE ARTS

AP MUSIC THEORY

Music

PREREQUISITES: Music teacher's recommendation.

Students will apply their musical knowledge in advanced note reading and music theory. Their knowledge will be assessed through analysis and writing skills in a variety of styles.

REMARKS: The purpose of this course is to prepare students for the AP Music Theory test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

AP STUDIO ART I

Arts & Communication

PREREQUISITES: You must have earned an 'A' in a previous full year of either Advanced Drawing and Painting Studio or Advanced Sculpture Studio OR teacher recommendation, along with 4-6 recent artworks submitted to the AP Studio Art teacher.

Advanced Placement (AP) Studio Art is designed to meet the demands of the AP Studio Art Syllabus published by The College Board. Some work developed during the previous year may also bridge into the AP portfolio. Near the end of the course, students will be prepared with a completed portfolio of work that meets the criteria of AP Studio Art for the Drawing Portfolio and/or 2D Design Portfolio, and/or 3D Design Portfolio. In the DRAWING Portfolio, drawing (analog and digital), painting, printmaking, and mixed-media work are among the possibilities for submission. In the 2D Portfolio, Graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting, and printmaking are among the possibilities for submission. Finally, in the Sculpture portfolio, figurative or non-figurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric/fiber arts are among the possibilities for submission. Students will work with a variety of media, as well as personally selected media while preparing to complete a sequential portfolio of artwork. Typically, the work developed for AP Studio Art portfolios will also double as college-entry portfolio application requirements. Students express their ideas and understanding of their artwork in a written commentary that accompanies their body of work. Scheduled critique sessions provide guidance and an opportunity to clarify and express ideas. Art journals or sketchbooks will be used on a regular basis for the development of a personal artistic vision. Students will be challenged to use independent thinking skills in the development of concepts in which they have a compelling interest. Students enrolled in this course are not required to take the AP exam, but it is recommended and encouraged. Transfer of passing scores on the AP Studio Art exam as college credit depends upon the institutions that students plan to attend. Students are advised to contact the specific colleges or universities in which they are interested in for their policies on accepting AP credit. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

FINE ARTS

AP STUDIO ART II

Arts & Communication

PREREQUISITES: You must be currently enrolled in or previously completed AP Studio I, including a submitted portfolio OR previous AP teacher recommendation.

Advanced Placement (AP) Studio Art II is designed to meet the demands of the student that wishes to submit a second portfolio to The College Board. Students will create an entirely new portfolio of work that meets the criteria of AP Studio Art for the Drawing Portfolio and/or 2D Design Portfolio, and/or 3D Design Portfolio. *Please refer to the course description for AP Studio Art 1 for specific details about the course. Students enrolled in this course are not required to take the AP exam, but it is recommended and encouraged. Transfer of passing scores on the AP Studio Art exam as college credit depends upon the institutions that students plan to attend. Students are advised to contact the specific colleges or universities in which they are interested in for their policies on accepting AP credit. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	12	3+

AP STUDIO ART III

Arts & Communication

PREREQUISITES: You must be currently enrolled in or previously completed AP Studio II, including a submitted portfolio OR previous AP teacher recommendation.

Advanced Placement (AP) Studio Art III is designed to meet the demands of the student that wishes to submit a second portfolio to The College Board. Students will create an entirely new portfolio of work that meets the criteria of AP Studio Art for the Drawing Portfolio and/or 2D Design Portfolio, and/or 3D Design Portfolio. *Please refer to the course description for AP Studio Art 1 for specific details about the course. Students enrolled in this course are not required to take the AP exam, but it is recommended and encouraged. Transfer of passing scores on the AP Studio Art exam as college credit depends upon the institutions that students plan to attend. Students are advised to contact the specific colleges or universities in which they are interested in for their policies on accepting AP credit. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	12	3+

FINE ARTS

CHAMBER ORCHESTRA

Music

PREREQUISITES: Audition.

Students will apply advanced musical knowledge and skills to advanced classical, contemporary, and popular string literature through performance. The course includes mandatory concerts at both West and Central Campuses, along with various other contests, field trips, and bi-annual tours. The opportunity also exists to audition for the Symphony Orchestra, which meets as a co-curricular ensemble one evening per week.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

CONCERT BAND

Music

PREREQUISITES: Middle School band experience.

Students will apply their musical knowledge and skills to traditional, classical, contemporary, and popular band literature through performance. The course includes concerts, contests, clinics, field trips, parades, and home football games.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

CONCERT CHOIR

Music

PREREQUISITES: None.

Students who have a musical background and are looking for a challenging choral experience will progress further in the study of advanced vocal production in this audition-only group. Throughout this course, students will perform more sophisticated repertoire ranging from Baroque up through the 21st Century, including non-classical music, as well as Broadway, and Jazz. Students will also experience clinics, concerts, and/or guest artists as part of the class.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

FINE ARTS

DRAMA 1

Theatre

PREREQUISITES: None.

Students will study acting, dramatic production, and the history of drama. Students will read plays, act, direct and produce. Students will receive training in voice techniques, bodily action, and dramatic techniques.

REMARKS: This course is not a substitute for any of the English 1-4 courses required for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

DRAMA 2

Theatre

PREREQUISITES: Drama 1.

Students will use knowledge and skills acquired from previous experience to refine their techniques through class projects and play production.

REMARKS: This course is not a substitute for any of the English 1-4 courses required for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

DRAWING AND PAINTING STUDIO

Arts & Communication

PREREQUISITES: Introduction to Studio Art recommended but not required.

Drawing and Painting Studio is a full year course designed to expand on the drawing and painting concepts introduced in Intro to Studio Art, as well as introduce some additional overlapping 2D art-making processes such as printmaking and Mixed media. Students are encouraged to work creatively and to become competent in the use of different materials and basic processes. Emphasis is placed on experiences that involve design principles, drawing techniques and painting skills that will lead to the development of abilities that are necessary for advanced art courses. There is no prerequisite for this course, however Intro to Art and/or a specific interest in learning how to draw and paint is highly recommended. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

FINE ARTS

ENSEMBLE

Music

PREREQUISITES: None.

Students within this non-audition ensemble with a focus on single gender literature will demonstrate basic proper vocal production and knowledge of various genres including classical, gospel, jazz, pop, and Broadway musicals. Students will perform in at least two concerts a year and participate in field trips. Students will also participate in contests and/or clinics.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

HISTORY OF AMERICAN POPULAR MUSIC

Music

PREREQUISITES: None.

From blues to hip-hop, jazz to rock, and country to pop, American popular music has shaped and reflected culture for over a century. This course explores the evolution of popular music in the United States, examining its social, political, and economic impact. Students will listen to and analyze music from a variety of genres while discovering how it has influenced history and identity. No musical training is required. Whether you're a fan of vintage vinyl or today's biggest hits, this class will give you a deeper appreciation of the sounds that have defined generations.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

INTRODUCTION TO BAND

Music

PREREQUISITES: Band director's approval/recommendation; approval by director ensures that the group is properly balanced with instrumentation and that instrument resources are available. Musical experience is not required for participation in this group.

This class offers the band experience at the beginning level. The instruments taught are flute, clarinet, saxophone, trumpet, trombone, tuba and percussion. No experience is necessary – only the will and desire to play an instrument. Musical topics are introduced such as reading, music notation, analyzing and evaluating music, as well as composing and improvising simple melodies. Students will apply their musical knowledge and skills to traditional, classical, contemporary and popular band literature through performance. The course includes concerts, parades, clinics, field trips and pep band. Introduction to Band students would have the opportunity to participate in marching band halftime shows.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

FINE ARTS

INTRODUCTION TO STUDIO ART

Arts & Communication

PREREQUISITES: None.

Introduction to Studio Art introduces students to many different artistic areas in order to discover interests and abilities for further study. Students will learn the primary skills of many visual art processes as well as design and creative strategies, while also having fun experimenting with new materials, exploring the meaning of art and artist's work, and making personal connections to their lives through art. Students explore collaborative artmaking, personal expression, and the idea of building a "portfolio" of their work through a process of documentation and presentation. A variety of artistic media are used to develop artistic concepts, including clay, graphite and colored pencil, acrylic painting, pen and ink, and more. Some of the activities in the course include handmade sketchbooks, expressive self-portraits, hand-built ceramics and narrative artwork. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

JAZZ ENSEMBLE

Music

PREREQUISITES: Experience on a jazz instrument and an audition.

Students will apply advanced musical skills and knowledge to develop improvisational abilities in order to perform sophisticated jazz literature including swing, bebop, Latin, funk, rock, and contemporary styles. The Jazz Ensemble performs at school functions, community functions, jazz festivals, contests, clinics, concerts, and field trips.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

MIXED CHORUS

Music

PREREQUISITES: None.

Students will experience singing in a large choral group setting with a focus on mixed rather than single gender literature. Throughout this course, students will benefit from proper vocal training in a variety of musical styles including classical, gospel, jazz, pop, and ethnic music. Students will also be a part of at least two concerts per year, as well as field trips, and/or contests, and clinics.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

FINE ARTS

MUSIC PRODUCTION

Music

PREREQUISITES: None.

Students will harness the power of the BandLab Digital Audio Workstation (DAW) to create original music projects. They will utilize loops, MIDI instruments, and recorded audio while learning to manipulate tracks and effects. Students will complete diverse projects, each designed to build their technical, creative, and musical skills, culminating in an original composition. By the end of the course, students will have gained hands-on experience in recording, editing, and producing music, preparing them for more advanced music production endeavors.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

PHOTOGRAPHY 1

Photography

PREREQUISITES: None

Capture the world through your lens! Learn the basics of digital photography, from operating a camera to mastering lighting and composition. You will develop your artistic eye and learn how to tell compelling visual stories through your photos.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

PHOTOGRAPHY 2

Photography

PREREQUISITES: Photography 1

Enhance your photographic skills! Dive deeper into advanced camera settings, studio lighting, and digital editing software. You will start building a professional portfolio and discover how to manipulate images to create breathtaking works of art.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

PHOTOGRAPHY 3

Photography

PREREQUISITES: Photography 2

Step into the role of a professional photographer! Focus on specific styles like portrait, landscape, and action photography while mastering advanced editing techniques. You will work on independent projects that showcase your unique creative voice.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

FINE ARTS

PHOTOGRAPHY 4

Photography

PREREQUISITES: Photography 3

Refine your craft and prepare for the spotlight! This advanced course challenges you to create a cohesive, gallery-ready portfolio. You will explore complex photographic techniques, artistic expression, and the business side of professional photography.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

SCULPTURE STUDIO

Arts & Communication

PREREQUISITES: Introduction to Studio Art recommended but not required.

Sculpture Studio is a full year course designed to provide students with the opportunity to explore methods of artistic expression through studies in pottery and three-dimensional art making. First semester concentrates on pottery work with experiences on the pottery wheel, hand-built ceramic work, and glazing. Students will learn various forming methods such as coil, slab, and pinch. Emphasis will be placed on craftsmanship, proper technique, glazing, and decorating. Second semester is devoted to the creation of sculptures while exploring a variety of media including clay, plaster, metal, wood, glass, and plastic. Within each unit of study, various artists and artistic styles will be covered as well as different sculptural techniques and surface renderings. This course enables the student to meet all the State Academic Standards for Visual Arts.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

STRING ORCHESTRA

Music

PREREQUISITES: Middle School Orchestra Experience or Director's recommendation.

Students will apply their musical knowledge and skills to traditional, classical, contemporary, and popular string literature through performance. The course includes performances at Open House, concerts at both West and Central campuses, contests, and field trips. The opportunity also exists to audition for the Symphony Orchestra which meets as a co-curricular ensemble one evening a week.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

FINE ARTS

SYMPHONIC BAND

Music

PREREQUISITES: Audition and Middle School Band Director's recommendation.

Students will apply advanced musical knowledge and skills to advanced high school, college and professional band literature through performance. The course includes concerts, clinics, field trips, parades, and home football games.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

SYMPHONIC WINDS

Music

PREREQUISITES: Audition and Middle School Band Director's recommendation.

Students will apply intermediate and advanced musical knowledge and skills to advanced high school, college, and professional band literature through performance. The course includes concerts, clinics, field trips, parades, and home football games.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

THEATRICAL STUDIES

Theatre

PREREQUISITES: Drama 1 or instructor approval.

Students will explore areas of drama such as make-up design and application, movement, voice and diction, set design, and projection/light design. This course will provide students with well-rounded experience in both technical and performance arts as related to the Arts and Communication career pathways.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

MATHEMATICS

ADVANCED ALGEBRA

PREREQUISITES: Algebra 1 and Geometry.

Students will focus on and apply the 5 conceptual categories of the common core. The course will have an emphasis on geometric proofs and representing and modeling trigonometry. In addition, the following topics will be introduced: representing and modeling polynomial and rational numbers, logarithms and exponents. Students' ability to understand statistics and probability will be extended beyond the geometry course.

REMARKS: This course is offered in a blended option. Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

ADVANCED ALGEBRA HONORS

PREREQUISITES: Algebra 1 Honors and Geometry Honors.

Students will focus on and apply the 5 conceptual categories of the common core. The course will have an emphasis on geometric proofs and representing and modeling trigonometry. In addition, the following topics will be introduced: representing and modeling polynomial and rational numbers, logarithms and exponents. Students' ability to understand statistics and probability will be extended beyond the Geometry Honors course. Students in this course will exercise an intuitive ability to think mathematically and demonstrate prerequisite skills throughout this course.

REMARKS: This course is offered in a blended option. Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11	None

ALGEBRA 1

PREREQUISITES: Freshmen are placed based on PSAT scores.

Students will focus on and apply the 5 conceptual categories of the common core mathematics standards: numbers and quantity, algebra, functions, geometry and statistics and probability with and without the use of technology. Students will recognize, develop patterns, and problem-solve using tables, graphs, and equations including investigation of linear, quadratic and exponential relationships. Students will explore basic Euclidean geometry and investigate statistical analysis.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9	None

MATHEMATICS

ALGEBRA 1 HONORS

PREREQUISITES: Students must meet district honors criteria.

Students will focus on and apply the 5 conceptual categories of the common core mathematics standards: numbers and quantity, algebra, functions, geometry and statistics and probability with and without the use of technology. Students will recognize, develop patterns, and problem-solve using tables, graphs, and equations including investigation of linear, quadratic and exponential relationships. Students will explore basic Euclidean geometry and investigate statistical analysis. Students in this course will exercise an intuitive ability to think mathematically and demonstrate strong prerequisite skills throughout the course.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9	None

AMPED ON ALGEBRA

PREREQUISITES: On track for Algebra 1.

AMPED, Algebra I in Manufacturing Processes, Entrepreneurship and Design (AMPED) is an Algebra I course taught using project-based learning. AMPED contextualizes manufacturing processes and business standards using principles of Algebra I, through teaching quadratics and the law of diminishing returns. Learners using AMPED curriculum will operate a business running a fabrication lab customizing textiles and manufacturing wood, metal, and/or plastic goods. The proceeds generated from the business are then utilized to fund the venture and provide philanthropic opportunities for community service, or monetary gifts to local charities. Students learn skill sets in engineering techniques including sublimation, CNC operations, and rapid prototyping. Other areas for student engagement include composite technologies, alternative energies, and automation robotics.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended. Student schedules and transcripts for AMPED will show concurrent enrollment in Algebra 1.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1 CTE 1 Math	1.0	9	None

MATHEMATICS

AP CALCULUS AB (DC)

PREREQUISITES: Pre-Calculus or Pre-Calculus and Trigonometry Honors; Satisfactory ALEKS placement test score for dual credit in Math 170 at JJC.

Students will use functions represented in a variety of ways: graphical, numerical, analytical, or verbal to solve real-life problems. They will use limits, derivatives, and integrals to solve problems. They will model a written description of a physical situation with a function, a differential equation, or an integral.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended. Students enrolled in this course may have a dual credit option to receive college credit from Joliet Junior College for Math 170. The purpose of this class is to prepare students for the AP Calculus AB test; students are expected to sit for test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	MATH 170 (5 Credits)

AP CALCULUS BC

PREREQUISITES: Successful completion of AP Calculus AB/Math 170

This is the second course in the calculus sequence. Students will focus on and apply techniques learned in AP Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduce the topics of sequences and series.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended. The purpose of this class is to prepare students for the AP Calculus BC test; students are expected to sit for test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

MATHEMATICS

AP COMPUTER SCIENCE A

PREREQUISITES: AP Computer Science Principles.

Students will design and implement solutions to problems by writing, running and debugging computer programs. They will use and implement commonly used algorithms and data structures. Students will code fluently in an object-oriented paradigm using the programming language Java. They will read and understand a large program consisting of several classes and interacting objects. Students will recognize the ethical and social implications of computer usage. This course will prepare students to be college and career ready in the Information Technology career pathway.

REMARKS: The purpose of this course is to prepare students for the AP Computer Science A test; students are expected to sit for the test in the spring. This course is designated as a high school mathematics course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

AP COMPUTER SCIENCE PRINCIPLES

PREREQUISITES: None.

Students will learn various programming languages and create digital artifacts with practical, personal and social intent. This course is recommended for all students interested in a career within the Information Technology pathway. Students will use computing to explore and discover the connections within information; practice using mathematical and logical programming concepts; and explore the building blocks behind the Internet while learning how the Internet functions. Students will have the opportunity to investigate the links between Information Technology and other career pathways such as medicine, engineering, business, human services, and the arts.

REMARKS: The purpose of this course is to prepare students for the AP Computer Science Principles test; students are expected to sit for the test in the spring. This course is designated as a high school mathematics course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	3+

MATHEMATICS

AP PRECALCULUS

PREREQUISITES: Successful completion of Advanced Algebra.

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices.
REMARKS: Texas Instrument Graphing Calculator (TI 84 plus or TI-Nspire) is strongly recommended. Students would be expected to take the AP Precalculus exam in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	3+

AP STATISTICS (DC)

PREREQUISITES: Algebra 1, Geometry and Advanced Algebra; Satisfactory ALEKS placement test score for dual credit in Math 128 at JJC.

Students will focus on mathematical reasoning and the solving of real-life problems. Included are frequency distributions, measures of position and variation, basic probability theory, probability distributions and the normal curve, statistical inference, correlation and regression, f-test, and analysis of variance. Both a graphing calculator and statistical software will be used.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended. Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College. The purpose of this class is to prepare students for the AP Statistics test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	MATH 128 (4 Credits)

GEOMETRY

PREREQUISITES: Algebra 1.

Students will focus on and apply the 5 conceptual categories of the common core. The course will have an emphasis on representing, modeling and transforming quadratic functions. In addition, the following topics will be introduced: right triangles and trigonometry, circles, and various relationships between geometric figures. Students' ability to understand statistics and probability will be extended beyond the Algebra 1 course.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10	None

MATHEMATICS

GEOMETRY HONORS

PREREQUISITES: Algebra Honors 1.

Students will focus on and apply the 5 conceptual categories of the common core. The course will have an emphasis on representing, modeling and transforming quadratic functions. The following topics will be introduced: right triangles and trigonometry, circles, and various relationships between geometric figures. Students' ability to understand statistics and probability will be extended beyond the Algebra 1 Honors course. Students in this course will exercise an intuitive ability to think mathematically and demonstrate prerequisite skills throughout this course.

REMARKS: Texas Instrument Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10	None

GEOMETRY IN CONSTRUCTION

PREREQUISITES: Successful completion of AMPED on Algebra or Algebra 1.

Construction with Geometry is an integrated way to learn Geometry through the application in Construction. The construction concepts within the course are organized to complement the skills and the knowledge learned in geometry lessons. Depending on student need, days are structured with the flexibility to offer full math days, full CTE days, or anything between. On build days, students will work together to create traditional woods projects which could include but not limited to; furniture, a birdhouse, a doghouse, and a backyard shed. The course will provide students with the opportunity to immediately apply what they are learning in Geometry to their woods projects.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1 CTE 1 Math	1.0	10	None

PROBABILITY AND STATISTICS

PREREQUISITES: Successful completion of Algebra 1 and Geometry and concurrent enrollment in Advanced Algebra.

Students will focus on and apply mathematical reasoning and solving real life problems as they relate to probability and statistics. Topics include fundamental counting principle, combinations and permutations, conditional probability, gaming, insurance, modeling and determining hypotheses. Both a graphing calculator and Microsoft Excel will be used.

REMARKS: Texas Instruments Graphing Calculator (TI-84 plus or TI-Nspire) is strongly recommended. This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11, 12	None

MATHEMATICS

TRANSITION TO COLLEGE MATH

PREREQUISITES: Successful completion of Algebra 1, Geometry and Advanced Algebra.

This course expands on the concepts in elementary algebra, and it is a prerequisite for Joliet Junior College's college algebra. Topics studied include factoring, rational expressions, radicals, quadratics, logs and exponential functions.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	12	None

AP BIOLOGY

PREREQUISITES: Pre-AP Biology 1 or Pre-AP Biology 1 Honors, Physics 1 or Physics 1 Honors and Chemistry 1 or Chemistry 1 Honors, or concurrent enrollment in Chemistry.

Students will investigate areas in molecular biology, cytology, genetics, comparative anatomy and physiology, and ecology. Students will use the appropriate tools, techniques and methods to solve biological problems at the collegiate level. Scientific research and writing will be highly emphasized. This is a laboratory science course.

REMARKS: The purpose of this class is to prepare students for the AP Biology test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

AP CHEMISTRY

PREREQUISITES: Pre-AP Biology 1 or Pre-AP Biology 1 Honors, Physics 1 or Physics 1 Honors, and Chemistry 1 or Chemistry 1 Honors.

Students will apply chemical principles and investigate those principles by independent research, observations, methods, and measurements; they will be able to verify and justify characteristic structures, functions, and interdependence of matter and energy. Scientific research and writing will be highly emphasized. This is a laboratory science course.

REMARKS: The purpose of this class is to prepare students for the AP Chemistry test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

AP ENVIRONMENTAL SCIENCE

PREREQUISITES: Pre-AP Biology 1 Honors and Algebra Honors, Geometry Honors or teacher recommendation.

Students will apply scientific principles, concepts, and methodologies to the inter-relationships of the natural world. Students will also identify and analyze both natural and human-made environmental problems, evaluate the risks associated with these problems and examine alternative solutions for resolving and/or preventing them. Scientific research and writing will be highly emphasized. This is a laboratory science course.

REMARKS: The purpose of this class is to prepare students for the AP Environmental Science test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

SCIENCE

AP PHYSICS 1

PREREQUISITES: Pre-Ap Biology 1 or Pre-AP Biology 1 Honors, and Geometry or Geometry Honors, and/or teacher recommendation.

Students will investigate principles of physics through observation, experimentation, problem solving, and independent research. Students will also be able to analyze and verify physical situations involving time, motion, forces, energy, electricity, waves, light, and modern physics. Scientific research and writing will be highly emphasized. This is a laboratory science course.

REMARKS: The purpose of this class is to prepare students for the AP Physics 1 test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

AP PHYSICS 2

PREREQUISITES: Pre-AP Biology 1 or Pre-AP Biology 1 Honors, Physics 1 or Physics 1 Honors, and Chemistry 1 or Honors Chemistry 1, or concurrent enrollment in Chemistry.

Students will cultivate their understanding of Physics through inquiry-based investigations as they explore fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

REMARKS: The purpose of this class is to prepare students for the AP Physics 2 test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	3+

BIOLOGY 151 (DC)

PREREQUISITES: Pre-AP Biology 1 or Pre-AP Biology 1 Honors, Algebra 1, Chemistry 1, or concurrent enrollment, teacher recommendation, and required placement scores. Must meet district honors criteria.

Students will study principles of general biology, including cellular structure and function, molecular biology, energetics, ecology, Mendelian and human genetics, evolution, and taxonomy. Intended for biology, nursing, or allied health majors and other students planning to take upper-level biology courses. This is a laboratory science course.

REMARKS: Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	1.0	1.2	12	BIO 151 (5 Credits)

SCIENCE

BIOLOGY 152 (DC)

PREREQUISITES: JJC BIO 151. Students must receive a grade of "C" or higher in Biology 151 in order to enroll in Biology 152 for college credit.

Students will study plant and animal kingdoms based upon evolution. Plant and animal structure and function are presented. Population genetics, ecology and animal behavior are also presented with some field study included as part of the laboratory. Intended for students planning to take upper-level biology courses. This is a laboratory science course.

REMARKS: Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	1.0	1.2	12	BIO 152 (5 Credits)

CHEMISTRY 1

PREREQUISITES: Pre-AP Biology 1 and Algebra 1.

Students will solve chemical problems by using appropriate tools, observations, methods, and measurements; they will be able to identify and reproduce characteristic structures, functions, and interdependence of matter and energy. This is a laboratory science course.

REMARKS: This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

CHEMISTRY 1 HONORS

PREREQUISITES: Pre-AP Biology 1 Honors and Algebra 1. Must meet district honors criteria.

Students will complete intensive investigations that will develop their critical reading, writing and analytical skills. Students will solve chemical problems by using appropriate tools, methods and measurements. The course focuses on the themes of atomic structure, chemical reactions, changes in energy and equilibrium as outlined in the Next Generation Science Standards (NGSS) and the College Board framework. This is a Pre-Advanced Placement (AP) laboratory science course which will incorporate the eight science practices as well as scientific writing skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

SCIENCE

CHEMISTRY 101 (DC)

PREREQUISITES: Pre-AP Biology 1 or Pre-AP Biology 1 Honors, Chemistry 1 or Chemistry 1 Honors, Algebra 1 or Algebra 1 Honors, teacher recommendation, and required JJC placement scores. Must meet district honors criteria.

Students will survey principles of general chemistry and will apply these concepts through laboratory exercises. Topics of study include atomic theory, atomic and molecular structure, chemical bonding, chemical reaction, stoichiometry, thermochemistry, gases, liquids, solids, solutions, and colligative properties. This is a laboratory science course.

REMARKS: Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	1.0	1.2	12	CHEM 101 (5 Credits)

CHEMISTRY 102 (DC)

PREREQUISITES: JJC CHEM 101. Students must receive a grade of "C" or higher in Chemistry 101 in order to enroll in Chemistry 102 for college credit.

Students will study topics such as thermodynamics, kinetics, acid base theory, equilibrium, redox reactions, electrochemistry, spectroscopy and bonding of coordination compounds, topics in descriptive inorganic chemistry and nuclear chemistry. This is a laboratory science course.

REMARKS: Students enrolled in this course have a dual credit option to receive college credit from Joliet Junior College.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	1.0	1.2	12	CHEM 102 (5 Credits)

ENVIRONMENTAL SCIENCE: ISSUES AND INNOVATIONS

PREREQUISITES: Pre-AP Biology or Pre-AP Biology Honors

Students will complete independent investigations that will develop their critical reading, writing and analytical skills. This course offers extensive lab experience that integrates concepts learned from biology and introduces concepts found in chemistry to strengthen individual skills in scientific reasoning and observation.

This course focuses on key principles that govern how nature works, the interactions between human society and ecosystems, and current and potential solutions to environmental problems. This is a laboratory science course which will incorporate the eight science practices, as well as scientific writing.

REMARKS: This course does not fulfill the physical science course requirement for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

SCIENCE

FORENSICS SCIENCE 1

Public Safety

PREREQUISITES: Pre-AP Biology or Pre-AP Biology Honors and Physics or Physics Honors or concurrent enrollment in Physics or Physics Honors. Recommend Chemistry or Honors Chemistry.

Students will complete independent investigations that will develop their critical reading, writing and analytical skills. This course offers extensive lab experience that integrates concepts from biology, physics and chemistry to strengthen individual skills in scientific reasoning and observation.

Using inquiry-based settings, students will learn scientific and mathematical methods and models required in forensics. Students will focus on crime scene processing and the detection, collection, and presentation of evidence for examination and court use. This is a laboratory science course which will incorporate the eight science practices, as well as scientific writing.

REMARKS: This course does not fulfill the physical science course requirement for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

FORENSICS SCIENCE 2

Public Safety

PREREQUISITES: Forensic Science 1.

Students will complete investigations that will develop their critical reading, writing and math skills. This course offers extensive lab experience that integrates concepts from biology, physics and chemistry to strengthen scientific reasoning, observation and writing.

Students will apply skills learned in Forensic Science 1 to concepts related to blood spatter analysis, psychology, soil analysis and firearms. This is a laboratory science course which will incorporate the eight science practices, as well as scientific writing.

REMARKS: This course does not fulfill the physical science course requirement for graduation.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

SCIENCE

MEDICAL TERMINOLOGY

Health Sciences

PREREQUISITES: Pre-AP Biology 1 or Pre-AP Biology 1 Honors and Algebra 1.

Students will study the language of medicine in the various allied health professions. Significant vocabulary will be developed, with an emphasis on the context for understanding and building medical terms.

REMARKS: This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

PHYSICS 1

PREREQUISITES: Pre-AP Biology 1 and Algebra 1.

Students will complete independent investigations that will develop their critical reading, writing and analytical skills. Students will solve physics problems by using appropriate tools, observations, methods, and measurements. The course focuses on the themes of motion, forces, energy, fields, and waves as outlined in the Next Generation Science Standards (NGSS). This is a laboratory science course which will incorporate the eight science practices as well as scientific writing skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

PHYSICS 1 HONORS

PREREQUISITES: Pre-AP Biology 1 Honors and Algebra 1. Must meet district honors criteria.

Students will complete intensive independent investigations that will develop their critical reading, writing and analytical skills. Students will solve rigorous physics problems by using appropriate tools, observations, methods, and measurements. The course focuses on the themes of motion, forces, energy, fields, circuits, and waves as outlined in the Next Generation Science Standards (NGSS) and the College Board framework. This is a Pre-Advanced Placement (AP) laboratory science course which will incorporate the eight science practices as well as scientific writing skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

SCIENCE

PRE-AP BIOLOGY

PREREQUISITES: None.

Pre-AP Biology focuses on developing critical thinking skills, data analysis techniques, and effective communication in scientific contexts. Students will complete laboratory investigations that will develop their reading, writing and analytical skills. The course focuses on the themes of ecology, cellular biology, genetics, and evolution as outlined in the Next Generation Science Standards (NGSS) and the College Board framework. This is a Pre-Advanced Placement (AP) laboratory science course which will incorporate the eight science practices as well as scientific writing skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9	None

PRE-AP HONORS BIOLOGY

PREREQUISITES: Must meet district honors criteria.

Designed as an enriched version of Pre-AP Biology, Pre-AP Honors Biology focuses on developing critical thinking skills, data analysis techniques, and effective communication in scientific contexts. Students will complete advanced laboratory investigations that will develop their reading, writing and analytical skills. The course focuses on the themes of ecology, cellular biology, genetics, and evolution as outlined in the Next Generation Science Standards (NGSS) and the College Board framework. This is a Pre-Advanced Placement (AP) laboratory science course which will incorporate the eight science practices as well as scientific writing skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9	None

AMERICAN GOVERNMENT

PREREQUISITES: None.

Students will understand the foundations and components of the Federal and State governments and become active participants in American government.

REMARKS: Successful completion of American Government indicates a passing of the US Constitution Exam, the Illinois Constitution Exam, and satisfies the State of Illinois Civics requirement. This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

AP AFRICAN AMERICAN STUDIES

PREREQUISITES: Must meet district honors criteria.

In AP African American Studies, students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. The course provides students with a strong foundation in facts and evidence about African American history and culture, offering an immersive survey course that is not currently available in most American high schools.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

AP EUROPEAN HISTORY

PREREQUISITES: Must meet district honors criteria.

Students will analyze the political, economic, and social characteristics that have contributed to the development of modern Europe. The content for this course covers the Renaissance through today. Given that this course is taught at the honors level, critical thinking, writing, and research skills will be given additional emphasis while paying special attention to the application and synthesis of course content.

REMARKS: The purpose of this class is to prepare students for the AP European History test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

SOCIAL SCIENCE

AP HUMAN GEOGRAPHY

PREREQUISITES: 390 ERW PSAT 8/9 and/or teacher recommendation.

Students will analyze the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will also employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. In addition, students will learn methods and tools geographers use in their science and practice.

REMARKS: The purpose of this class is to prepare students for the AP Human Geography test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	3+

AP MICROECONOMICS

PREREQUISITES: Must meet district honors criteria.

Students will demonstrate a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. Emphasis will be placed on the nature and functions of product and factor markets and the role of government in the economy.

REMARKS: The purpose of this class is to prepare students for the AP Microeconomics test; Students are expected to sit for the AP Microeconomics exam.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	3+

AP PSYCHOLOGY

Education , Public Safety

PREREQUISITES: Must meet district honors criteria.

Students will study the behavior and mental processes of human beings and other animals. Students will consider psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also discuss ethics and methods psychologists use in their science and practice.

REMARKS: The purpose of this class is to prepare students for the AP Psychology test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

SOCIAL SCIENCE

AP UNITED STATES GOVERNMENT AND POLITICS

PREREQUISITES: Must meet district honors criteria.

Students will demonstrate an understanding of the American Government with specific emphasis placed on the study of the state and federal constitutions, the principles that influenced our system of government, and direct application of those principles to issues in contemporary American politics. In addition, students will analyze political processes, and heavy emphasis will be dedicated to research and writing skills.

REMARKS: This class fulfills the Constitution Test requirement. The purpose of this class is to prepare students for the AP American Government test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.2	11, 12	3+

AP UNITED STATES HISTORY

PREREQUISITES: Must meet district honors criteria.

Students will analyze the political, economic, social, and cultural trends that have contributed to the growth and development of American society. Given that this course is taught at an honors level, critical thinking, writing, and research skills will be given additional emphasis while paying special attention to the application and synthesis of course content.

REMARKS: Required for graduation in the State of Illinois. This course is offered in a blended option. The purpose of this class is to prepare students for the AP United States History test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11	3+

CIVIL LAW

Public Safety

PREREQUISITES: None

Students will examine and analyze the structure and function of the American legal system with specific emphasis on civil law. Students will examine Constitutional law with attention to the evolution of civil liberties in the United States and the ways in which the Supreme Court defines the extent of those liberties. The courts will also examine areas of tort, consumer and family law. Students will be asked to examine and evaluate landmark Supreme Court cases and will be exposed to the various careers involved in the legal field. Students will develop their public speaking, advocacy and negotiation skills through participation in various mock trial, negotiation and moot court activities.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

SOCIAL SCIENCE

CRIMINAL LAW

Public Safety

PREREQUISITES: None

Students will examine and analyze the structure and function of the American legal system with special emphasis on criminal law. Students will examine the role of the courts in defining the elements of crime as well as the procedural protections afforded to criminal defendants, the juvenile justice system and the different philosophies surrounding criminal sentencing. Students will be asked to examine and evaluate landmark Supreme Court cases and will be exposed to the various careers involved in the legal field. Students will develop their public speaking, advocacy and negotiation skills through participation in various mock trial, negotiation and moot court activities.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	9, 10, 11, 12	None

ECONOMICS

PREREQUISITES: None.

Students will analyze the components of economic systems and the impact that they have on the American economy.

REMARKS: Fulfills the state requirement for Consumer Education. This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	11, 12	None

LATIN AMERICAN STUDIES

PREREQUISITES: None.

Latin American Studies explores the history, cultures, and societies of Latin America from ancient civilizations to the present. Students will examine the legacies of the Maya, Aztec, and Inca, the effects of European colonization, independence movements, and ongoing struggles for identity and sovereignty. Through historical analysis, literature, and political perspectives, the course will highlight Latin America's influence on the modern world, including its connections to the United States.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

SOCIAL SCIENCE

PRE-AP WORLD HISTORY AND GEOGRAPHY

PREREQUISITES: None.

Pre-AP World History and Geography will be the new freshman level social science course that will replace World Affairs. This course will be offered to all students and will provide them with a more consistent curriculum that will emphasize reading and critical thinking. This course will also help our students obtain skills and knowledge that will help them become AP ready if they choose to enroll in the future. AP Human Geography will still be an option for those students who want to take that course for AP credit, and both will be part of the social science requirement.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9	None

PSYCHOLOGY 1: COGNITION, DEVELOPMENT, AND LEARNING

Education , Public Safety

PREREQUISITES: None

Students will demonstrate an understanding of human behavior and development, analyzing the impact of learning and cognition on people's lives. The course also emphasizes the practical applications of psychology, connecting concepts to students' career interests and various professions.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

PSYCHOLOGY 2: BIOLOGICAL AND INDIVIDUAL DIFFERENCES

Education , Public Safety

PREREQUISITES: None

Students will explore the human brain's influence on personal and professional behavior, understanding how biological systems affect physical and mental processes. The course also emphasizes the practical applications of psychology, connecting concepts to students' career interests and various professions.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

SOCIAL SCIENCE

SOCIOLOGY 1: THE SOCIOLOGICAL PERSPECTIVE AND SOCIAL STRUCTURES

Public Safety

PREREQUISITES: None.

This course provides an introduction to the basic principles, concepts, and methods fundamental to the study of sociology. Students will explore the structure and dynamics of human society, examining how individuals interact within groups and how these interactions shape behaviors, beliefs, and social norms. Special emphasis will be placed on understanding group behaviors, the process of socialization, and the role of social institutions—such as family, education, religion, and government—in influencing societal development and individual experiences. Through analysis and discussion, students will gain a deeper understanding of the forces that shape human relationships and social structures.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

SOCIOLOGY 2: UNDERSTANDING SOCIETY – STRUCTURE, CONFLICT, AND CHANGE

Public Safety

PREREQUISITES: None.

This course offers an introduction to the basic principles, concepts, and methods fundamental to the study of sociology. Students will examine key topics such as social stratification and mobility, gaining insight into how societies organize themselves and how individuals navigate social hierarchies. Emphasis will be placed on understanding social norms, the factors that define deviant behavior, the causes and consequences of crime, and the mechanisms of social control used to maintain order and influence behavior. Through critical analysis and discussion, students will develop a deeper understanding of the complex forces that shape social interactions and societal structures.

Course Length	Credit	Weight	Grade(s)	Early College Credit
1 Semester	0.5	1.0	10, 11, 12	None

UNITED STATES HISTORY

PREREQUISITES: None.

Students will analyze the political, economic, social, and cultural trends that have contributed to the development of modern American society.

REMARKS: Required for graduation in the State of Illinois. This course is offered in a blended option.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11	None

AMERICAN SIGN LANGUAGE 1

PREREQUISITES: None.

Students will learn about the history of American Sign Language (ASL), deaf culture, and how to communicate with the deaf and hard of hearing.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

AMERICAN SIGN LANGUAGE 2

PREREQUISITES: American Sign Language 1.

Students will continue to learn about the history of American Sign Language (ASL), deaf culture, and how to communicate with the deaf and hard of hearing.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10, 11, 12	None

AMERICAN SIGN LANGUAGE 3

PREREQUISITES: Successful completion of American Sign Language 1 and 2.

Students will learn about the history of American Sign Language (ASL), Deaf culture, and how to communicate with the deaf and hard of hearing. This course will expand on the curriculum found in ASL 2 by focusing on additional vocabulary, grammar, syntax, and complex conversational skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	11, 12	None

AMERICAN SIGN LANGUAGE 4

PREREQUISITES: Successful completion of American Sign Language 1, 2 and 3.

Students will learn about the history of American Sign Language (ASL), Deaf culture, and how to communicate with the deaf and hard of hearing. This course will expand on the curriculum found in ASL 3 by focusing on additional vocabulary, grammar, syntax, and complex conversational skills.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	12	None

WORLD LANGUAGES

AP SPANISH LANGUAGE AND CULTURE

PREREQUISITES: Spanish 4 or Heritage 2.

Students will experience a rich and rigorous study of the language and culture of the Spanish-speaking world that is equivalent to an upper-intermediate college or university course. The course is offered as a first step to college-level Spanish after approximately three to five years of classroom study.

REMARKS: The purpose of this course is to prepare students for the AP Spanish Language and Culture test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

AP SPANISH LITERATURE AND CULTURE

PREREQUISITES: Completion of AP Spanish Language and Culture or teacher recommendation based on language skills.

Students will experience a rich and rigorous study of the literature and culture of the Spanish-speaking world that is equivalent to an upper-intermediate college or university course. The course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spain, Latin American, and Hispanic literature from the United States. Students will continue to develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

REMARKS: The purpose of this class is to prepare students for the AP Spanish Literature and Culture test; students are expected to sit for the test in the spring.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	3+

FRENCH 1

PREREQUISITES: None.

Students will explore the French language through the use of speaking activities, technology, interactive games, videos, French readings, and map work. Students will also gain an appreciation for French culture and its influence in the world. Active participation will increase a solid foundation for communicating in French by developing skills in speaking, reading, writing, and listening.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

WORLD LANGUAGES

FRENCH 2

PREREQUISITES: French 1 or proficiency.

Students will continue their exploration of the French language through the use of speaking activities, technology, interactive games, videos, French readings, and map work. Students will gain a deeper appreciation for French culture in our global society and build upon their French 1 skills by communicating in past, present, and future tenses.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

FRENCH 3

PREREQUISITES: French 2 or proficiency.

Students will continue their journey in the French speaking world as they strengthen their language skills through the use of engaging, interactive learning activities. Students will explore Francophone literature, history, visual art and culture. Students will challenge themselves with advanced vocabulary and grammatical structure in a French-speaking environment.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	None

FRENCH 4

PREREQUISITES: French 3 or proficiency.

Students will complete their journey in the French speaking world and increase their confidence as they apply advanced language skills in authentic communicative situations. Students will demonstrate their French language proficiency and continue to challenge themselves through advanced language activities including Francophone literature, arts, film, and grammar.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	None

HERITAGE SPANISH 1

PREREQUISITES: Students must be “auditory positive” in Spanish.

Students who already use Spanish in their personal lives will continue to develop their speaking, listening, reading, and writing skills in the language while exploring the origins of the cultural beauty and wonders that make up part of the Latinx/e community in Joliet and the U.S. with a primary focus on, but not exclusively, Mexican culture and influences. Students will study the cultural, traditional, linguistic, and historical influences that have shaped and molded the unique and diverse Latinx/e experience in our community and other communities within the U.S.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	None

WORLD LANGUAGES

HERITAGE SPANISH 2

PREREQUISITES: Completion of Heritage Spanish 1 or teacher recommendation based on language skills.

Students who already use Spanish in their personal lives will continue to develop their speaking, listening, reading, and writing skills in the language while exploring the origins of the cultural beauty and wonders that make up part of the Latinx/e community in Joliet, the U.S and all Spanish-speaking countries. This course continues providing opportunities for students to expand their critical thinking skills, deepen their understanding of the Latinx/e cultures and use the language in real life and professional settings.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

HERITAGE SPANISH 3

PREREQUISITES: Successful completion of Heritage 2 or teacher recommendation based on language skills.

Students who already use Spanish in their personal lives will continue to develop their language proficiency through the interpretive, interpersonal, and presentational modes of communication while exploring the globalization between Spanish-speaking countries and the U.S., primarily through the lens of culture and history. This course utilizes project-based multimodal learning to expand students' critical thinking skills, deepen their understanding of Spanish-speaking cultures as reflected through the arts, literature, history, and current events. This course builds upon language skills and cultural knowledge from previous Heritage courses. It also will benefit students continuing on with AP Spanish courses.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	10, 11, 12	None

SPANISH 1

PREREQUISITES: None.

Students will begin to develop the four basic skills of listening, reading, writing and speaking in Spanish. The course focuses on communicating in Spanish, gaining an understanding of Hispanic cultures, connecting with other disciplines, comparing one's own native language to Spanish, and participating in multicultural communities. The primary cultural focus is on the country of Mexico.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

WORLD LANGUAGES

SPANISH 2

PREREQUISITES: Spanish 1 or proficiency.

Students will continue to develop the four basic skills of listening, reading, writing, and speaking in Spanish. The course focuses on communicating in Spanish, gaining an understanding of Hispanic cultures, connecting with other disciplines, comparing one's own native language to Spanish, and participating in multicultural communities. The primary cultural focus is on the country of Spain.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9, 10, 11, 12	None

SPANISH 3

PREREQUISITES: Spanish 2 or proficiency.

Students will continue to develop the four domains of language: listening, reading, writing, and speaking of Spanish. The course emphasizes communicating in Spanish, gaining an understanding of Hispanic cultures, connecting with other disciplines, comparing one's native language to Spanish, and participating in multicultural communities. The primary cultural focus is on the countries of South America.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	None

SPANISH 4

PREREQUISITES: Spanish 3 or proficiency.

Students will continue to develop the four domains of listening, reading, writing, and speaking in Spanish. The course focuses on communicating in Spanish, gaining an understanding of Hispanic cultures, connecting to other disciplines, comparing one's own native language to Spanish, and participation in multi-cultural communities. Students will be exposed to Spanish literature and will continue to develop their writing skills. Students will examine the cultures of Central America and the Caribbean.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.2	9, 10, 11, 12	None

POST-SECONDARY PREPARATION

AVID

Post-Secondary Preparation
AVID is a partnership with K-12 educators that enables implementation of a research-based, system-wide approach to teaching and learning that fosters equitable access to the educational resources and experiences required for students to successfully engage in a future of possibility.

The AVID program is a strong supporter of first-generation college students, and its primary goal is to help students achieve their goals related to attending college or entering into a career path.

The students who are admitted into the AVID Elective program benefit from the extra support provided throughout their high school career. AVID empowers students with critical thinking skills to navigate the educational landscape through an explicit focus on high expectations, while emphasizing the development and refinement of student competence in writing, inquiry, collaboration, organization, and reading, or WICOR.

AVID ELECTIVE 9TH GRADE

PREREQUISITES: Student and parent application into AVID elective.

AVID, Advancement Via Individual Determination, is a research-based program that prepares students for four-year college eligibility. This 9th grade yearlong course will support students' transition to high school and prepare them for a career or enrollment into a four-year college. Students will learn AVID basics: WICOR (writing, inquiry, collaboration, organization and reading), time management, tutorials, Socratic seminars, academic goal setting & motivation. The AVID course uses writing as a tool of learning, the inquiry method, organizational tools, collaboration with peers and academic reading in a rigorous and relevant curriculum designed to get students ready for college. Two days each week are devoted to tutorials and one day focuses on team building and motivational activities.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	9	None.

AVID ELECTIVE 10TH GRADE

PREREQUISITES: Student and parent application into AVID elective.

AVID, Advancement Via Individual Determination, is a research-based program that prepares students for four-year college eligibility. During the 10th grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	10	None.

AVID ELECTIVE 11TH GRADE

PREREQUISITES: Student and parent application into AVID elective.

AVID, Advancement Via Individual Determination, is a research-based program that prepares students for four-year college eligibility. The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	11	None.

AVID ELECTIVE 12TH GRADE

PREREQUISITES: Student and parent application into AVID elective.

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction that utilizes a rigorous college-preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students engage in activities centered around exploring college and career opportunities and their own agency. The 12th grade AVID Elective course is the second part in a junior/senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project with research skills gained in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as completing the requirements for the seminar course.

Course Length	Credit	Weight	Grade(s)	Early College Credit
2 Semesters	1.0	1.0	12	None.

SPECIAL PROGRAMS

ADVANCED PLACEMENT PROGRAM

The AP Program gives you a chance to experience college-level classes in high school and opens the door to earning college credit before you ever set foot on campus. You'll get to dig deeper into subjects you love while building the skills and confidence you need to succeed in college.

Joliet Township High School offers AP courses in 18 subjects, each of which culminates in an optional exam In the spring. If you score a 3 or higher (on a scale of 1–5), you could earn college credit, skip intro-level courses, or both at thousands of U.S. colleges and universities. Earning credit in high school means paying for fewer credits in college. It also opens up your schedule, allowing you to take more electives, pursue a second major, or study abroad.

Regardless of your AP Exam score, taking AP courses can have a positive impact on your college applications. Admissions officers know college faculty play a big role in developing AP courses, so they know students who took AP pushed themselves to take challenging, college-level courses. This is something colleges like to see.

Take some time to look through the AP courses we offer. See if any interest you. By taking these courses, you can find out what college work is like while you have the support of teachers you trust in an environment you know.

FLEX PERIOD

JT Time will take place every day from 10 to 10:35 a.m., between Period 3 and Period 4. It gives students time during the school day to build strong relationships with their teachers, get help when they need it, explore new interests, and prepare for their future in college, career, the military, or the workforce. **JT Time is made up of two parts: JT Connect and JT Flex.**

JT Connect is each student's homeroom experience, where they build relationships with classmates and a caring staff member who gets to know them. Every student will begin and end each semester in JT Connect. During this time, students will receive important school information, take part in social-emotional learning, and participate in activities that support their academic and personal growth. JT Connect gives every student a consistent place to check in, set goals, and feel like they belong.

Depending on each student's individual needs and goals, they will leave their JT Connect homeroom and go to JT Flex. During **JT Flex**, students can meet with a teacher for extra help, receive targeted support in a class, strengthen important skills, get social-emotional supports, take part in enrichment opportunities, or explore activities connected to their interests and future plans. Students will be assigned to JT Flex experiences depending on what they need and their interests.

BLENDED LEARNING

JTHS blended learning opportunities challenge and empower students to become active learners through both face to face and on-line instruction. This format allows students more flexibility and control over when they choose to learn. In addition, the blended learning structure exposes students to the online learning environments they are likely to experience in college as well as the workplace.

DUAL CREDIT

Joliet Township High School works in conjunction with Joliet Junior College, Lewis University and University of St. Francis to offer Grade 11 and 12 students dual credit opportunities in career and technical education courses as well as academic courses. Students interested in pursuing dual credit opportunities should contact a District Curriculum Director for information regarding specific guidelines for each course. Each dual credit course listed in this guide comes with a unique set of criteria; not all dual credit requirements are the same.

HONORS PROGRAM

Joliet Township High School provides an appropriate as well as challenging education to students. In District 204 no single criterion will exclude a student from consideration. Rather, placement into the Honors Program is based on the following criteria:

- ACT test results
- Local test results
- Teacher recommendation(s)

HOSPITAL/HOMEBOUND

This program is provided to students with a health or physical impairment, which in the opinion of a licensed medical examiner, will cause an extended absence from school and whom school personnel determine can benefit educationally from such a program.

PROJECT LEAD THE WAY (PLTW)

Joliet Township High School offers Project Lead the Way courses as part of the Engineering and Medical programs of study. Project Lead the Way (PLTW) courses offer students an opportunity to continue a quality pre-engineering and pre-medical program with the added benefit of accreditation recognized nationally by post-secondary institutions.

SEAL OF BILITERACY PROGRAM

The purposes of the Seal of Biliteracy program at Joliet Township High School are to encourage the study of languages, certify attainment of biliteracy, provide employers and universities with a method of identifying people with language and biliteracy skills, affirm the value of diversity, and recognize the value of foreign language and native language instruction in public schools. Students who have earned the Seal of Biliteracy have demonstrated a high level of language proficiency sufficient for meaningful use in college and career.

The criteria for earning the Seal of Biliteracy at Joliet Township High School include the following:

a. Completion of the application for the Seal of Biliteracy to the program coordinator
b. Maintain a 3.0 cumulative GPA.
c. Formal 4-year study of a second language
d. Demonstrate proficiency in the second language by:
   i. Achieving a 5 or higher composite score on the ACCESS exam
   -Or-
   ii. Achieving an "intermediate high" on the ACTFL exam in the target language
   -Or-
   iii. A score of a "3" or better on the AP (Advanced Placement) exam for a world language (English, and Spanish or French).

SPECIAL EDUCATION

Joliet Township High School District 204 is committed to providing a quality education in the least restrictive environment for students with disabilities who require an Individual Education Plan (IEP). During the IEP meeting, the IEP Team which includes parents/guardians, student, and staff develop the student's Individualized Education Program to determine the special education and related services the student needs to progress through the general education curriculum. Courses offered within the Special Education program include the core requirements required for graduation. For further information regarding course offerings, programs, and services, contact the District Director of Special Services.

SUMMER BRIDGE PROGRAM

The Joliet Township High School Summer Bridge Program is provided for incoming freshman students who benefit additional academic support in literacy and math skills. Students will be identified based on their PreACT scores and invited to participate in the program. This program will be provided pending funding.

TRANSITIONAL BILINGUAL EDUCATION/TRANSITIONAL PROGRAM OF INSTRUCTION (ENGLISH AS A SECOND LANGUAGE)

The ESL/Bilingual program (Transitional Bilingual Education/Transitional Program of Instruction or TBE/TPI) provides English language learners (ELLs) the necessary support to attain proficiency of the English language (TPI). In instances where a student's native or home language is Spanish, students also take their core classes in a bilingual environment designed to promote dual literacy in addition to ESL support (TBE). Students are placed in the program based on their

results on a universal screener of their English proficiency and exited from the program based on Federal and State guidelines.

The following courses are available in Spanish as part of the Multilingual Program:

APPLIED LIFE
Health Bilingual
MATH
Algebra 1 Bilingual
Geometry Bilingual
Advanced Algebra Bilingual
SCIENCE
Biology Bilingual
Physics Bilingual
SOCIAL SCIENCE
Pre-AP World History/Geography Bilingual
United States History Bilingual
American Government/Economics Bilingual