Dwight Township High School

Student Registration & Course Description Guide

2026 - 2027

DTHS Student Services Department

The DTHS Student Services Department has a School Counselor, Registrar, and part-time Social Worker. Mrs. Christensen is the School Counselor and can assist students with their academic, social/emotional needs and post-secondary planning. The Registrar, Mr. Miller, can help students and parents with attendance, pre-arranged absences, scholarship opportunities, and student records/transcript requests. The goal of the Student Services Department is to collaborate with DTHS faculty, staff, and families to help students successfully transition through high school into their post-secondary plans. Please call or email the Student Services office with questions or schedule an appointment. The school district encourages students and parents/guardians to begin post-secondary planning immediately. Standardized testing and the college and career search will start with the student's 9th-grade year. Career interests should be identified as early as the student's junior year. Students should apply to colleges and technical schools during the fall of their senior year. Students are encouraged to discuss post-secondary plans with their counselor and to meet with the college, military, and technical school representatives. Resources to aid with post-secondary planning are available in the Student Services Office.

DTHS Graduation Requirements

Area of Study		Required Credits
English		4
Science	(Must include physical science and biology)	2
Math	(Must consist of Algebra and Geometry and be taken three consecutive years)	3
Social Studies	(Must include World History-1, Civics-½ including passing the IL and US constitution exams, U.S. History-1)	2.5
Health		0.5
Consumer Education		0.25
Drivers Education		0.25
Physical Education		3.5
Vocational Education	(Students are required by state law to earn at least one credit in Art, Music, Business or Vocational courses)	1
Electives		8

Credits required for graduation: **25 Credits**

Other State Requirements

Computer Literacy	State of IL graduation requirement in which a student must participate in a one-year course, which includes intensive instruction in Computer Literacy.
ACT Exam	State of IL graduation requirement for all Juniors
FAFSA	State of IL graduation requirement for all Seniors (parents of Seniors must complete the FAFSA or a Non-participation form)

DTHS Academic Information and Policies

Explanation of Terms

School Year and Semester: The school year consists of two semesters, the first beginning in August and the second beginning in January.

Class Load: All students must take eight academic classes unless they are Seniors participating in the LACC Work Study program.

Credit: A credit is a measure of school achievement. Students receive credits for completing classes each semester. Students earn one-half credit for each class completed during the semester. Students should read the registration guide carefully to determine the amount of credit they may earn for each course per semester.

Graduation Requirements: The district requires students to earn 25 credits to graduate. See the previous page for details.

Graduation Ceremony Requirements: The district requires students to complete 25 hours of Community Service and 20 hours of School Service volunteer hours to participate in the graduation ceremony. A student must also have all school-related fees paid in full.

Required Course: This is a course a student must complete to earn credit towards a high school diploma from DTHS.

Elective Course: A student may take a non-required course to earn credit towards a high school diploma from DTHS.

Prerequisite: Refers to a course or condition that a student must complete or meet before a course may be taken.

Grading and Course Policies and Practices

Semester Assessments: All Freshmen through Juniors must take semester assessments (exams) unless an Administrator issues a waiver. All Seniors must take Fall semester exams unless they have an exemption. An exemption may be earned by meeting or exceeding sections of the SAT and the ISA that are taken in the Spring semester of their Junior year.

Repeating Courses: When a student fails both semesters of a year-long course required for graduation, he/she must repeat the course the following year. If he/she fails the first semester of a year-long course and ends with at least a 50%, he/she will be eligible to make up the first semester credit with a year-long grade contract. If a student fails the second semester of a year-long course, he/she may complete an online Credit Recovery course (if that course is available) the following semester. This Credit Recovery course will be completed during a student's study hall or outside of their class schedule.

Report Cards: Report cards will be posted to a student's Skyward account at the end of each semester. Current grades are also available to students and parents throughout the semester on Skyward.

Grading System: DTHS grading scale is 90-A, 80-B, 70-C, 60-D, <60-F and is on a 4.0 GPA system.

Weighted and Unweighted Courses: DTHS offers both. Weighted courses are those designated as Advanced Placement (AP) or Dual Credit (DC) courses. DTHS weighted courses include AP Art, English Language & Composition, History, Physics and DC Pre-Calculus, Calculus and Statistics. The AP test can be requested for other subjects upon request but a class will not teach to that test.

Grade Point Values for Weighted and Unweighted Classes: Weighted, A-5, B-4, C-3, D-1, F-0. Unweighted, A-4, B-3, C-2, D-1, F-0.

Calculating Grade Point Average (GPA): GPA and the resulting class rank are calculated by dividing the total grade points earned by the potential credits attempted. All classroom courses except for courses with a pass/fail grade system are included in calculating grade point average.

Academic Recognition Upon Graduation: DTHS will recognize students with Latin Honors for students with a cumulative GPA of 3.0 and above. We will also recognize the top two GPAs with the titles of Valedictorian and Salutatorian.

Transfer Grade Policies

Credit Given to Transfer Grades for New Students: All courses, regardless of their origin, will be treated equally in the calculation of GPA. Thus, courses transferred to DTHS from other high schools will be treated as if those courses were taken at DTHS. For example, a weighted Geometry course transferred from another school will be treated as unweighted in calculating GPA since it is not weighted at DTHS; an unweighted AP History class will be treated as weighted since it is weighted at DTHS; Physical Education will be granted one credit per year regardless of the credit awarded by the transferring school.

Homeschooling Transfer Grade and Credit: Grade placement by, and academic credits earned at, a nonpublic school will be accepted if the school has a Certificate of Nonpublic School Recognition from the Illinois State Board of Education, or, if outside Illinois, if the school is accredited by the state agency governing education. Notwithstanding the above, recognition of grade placement and academic credits awarded by a nonpublic school is at the sole discretion of the District. All school and class assignments will be made according to School Board policy.

Art Course Policy

Students are only permitted to take one art course per semester; senior students must seek teacher approval for additional courses.

Driver Education Policy

The State of Illinois requires that “all students must receive a passing grade in at least eight courses in the previous two semesters prior to enrollment in the Driver Education Program.” (Public Act 88-188) Students are required to attend a minimum of thirty hours of classroom instruction. Depending on the number of days in the quarter, if a student misses four days of classroom instruction the student will be dropped from the class and may retake the course the following quarter if space is available. Scheduling for Driver Education Behind-the-Wheel will be done in birth date order. A student will not be permitted to drive with an instructor if they currently have more than two Fs on the weekly eligibility report.

Physical Education Exemptions

A PE exemption may be applied for by completing a PE Exemption Request (use this link). All applications will be considered on a case-by-case basis and are at discretion of the Administration. There are no appeals for a denied application, all decisions are final.

Letter of Recommendation Policy

In order to give the staff member adequate time to prepare a student's letter of recommendation, the staff member has 15 school days from the date the student requested the letter to write it. The staff member has the right to decline writing the student a letter of recommendation. By signing the Letter of Recommendation document the student is agreeing to this policy and waiving his/her right to access the letter of recommendation.

Schedule Change Policy (Adding/Changing/Dropping Courses)

When programs are carefully selected, there is usually little need for program changes; however, program adjustments may need to be made in the best interest of the student. Occasionally school personnel will need to initiate a program change to maintain optimum class size. Student-initiated schedule changes must be **made within the first 3 days of each semester**.

Special Programs

Early Graduation (after 7th semester)

The Board of Education shall award a high school diploma to each student who meets the following requirements: 1. The student has earned the required number of high school credits; and 2. The student has been in attendance at an approved high school for a minimum of seven semesters. The Board of Education may waive the attendance requirement under appropriate circumstances and provided required procedures are followed. To apply for early graduation, the student seeking to graduate shall: 1. complete an application by submitting an Early Graduation Request, which includes parent signature and reason for the request; and 2. Submit the Early Graduation Request form prior to the end of the student's sixth semester of attendance. Requests that meet with the approval of the school counselor, administration, and superintendent will be presented to

the Board of Education for consideration. Students whose requests are denied by the school counselor, principal, and superintendent shall have a right of appeal to the Board of Education. Parents and students requesting early graduation should be aware of the following: 1. Correspondence courses may not be used to fulfill early graduation requirements. 2. After the end of the first semester of the senior year, a student electing early graduation will be eligible to participate in the May/June graduation so long as the student is not on social probation but no other student activities including the winter dance and junior-senior prom, athletics or extracurriculars. Early graduates attending second semester athletic and other school-related events requiring an admission fee will pay adult ticket prices. There will be no mid-year graduation ceremony for early graduates.

Work Study Program

Senior students may take Work Study through LACC and leave DTHS during 7th & 8th to go to work.

NCAA CERTIFICATION

Students who intend to participate in Division I or II athletics as a college freshman must register and be certified by the NCAA Initial-Eligibility Clearinghouse. The guidance counselor can provide the necessary information and forms.

Courses in this course description guide are not guaranteed to be offered every year. Administration may choose to eliminate a course from the master schedule for a variety of reasons such as but not limited to enrollment, teacher availability, or space constraints.

COURSE OFFERINGS AND DESCRIPTIONS

ART

ART 1: If you cannot draw or paint and have little knowledge of the art world but would like to learn, this class is for you. You will learn the basic ideas behind design, and will have experiences in the techniques of painting**,** drawing, design, and ceramics. You will learn to identify and critique artwork. Historical highlights about the art world will be covered.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: None

ART II: Art II is a continuation of concepts and techniques learned in Art One. Drawing skills, acrylic painting and Digital Art techniques are developed. Sculpture, design, printmaking, and ceramics may be studied. Students will be exposed to art starting at the Paleolithic era to Impressionism Art. Students will research the lives of master artists while creating artworks.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of C or above in Art I & Instructor approval

ART III: This course continues an in-depth study into art concepts, techniques and materials. Art history will be studied as it relates to studio work. An overview of cultures, civilizations, and philosophers is presented. Response in the form of essay questions is required of each student. Some of the areas available for study may include abstract drawing, sculpture, acrylic painting, etching, printmaking, fiber arts, and ceramics.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of B or above in Art II & Instructor approval

ART IV: Students in Art IV have the opportunity to explore areas and techniques in art that are of interest to them. Students may concentrate on one area of study (such as painting or throwing the pottery wheel) for the entire year. Students taking this course should possess a high degree of

self-motivation. Students will investigate a topic of their choice to develop a strong portfolio of work. Grades are determined through dialog with the instructor. This class requires the student to read material on related topics and prepare for class discussions.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of B or above in Art III & Instructor approval

ADVANCED PLACEMENT ART: Advanced Placement (Studio Art) is a course that enables highly motivated students to do college level work in studio art while still in high school, and taught as an independent study opportunity. The General Portfolio portion asks a student to develop and submit a portfolio of work for evaluation at the end of the school year. Work for this area must be of a high quality and students should prepare to allow time outside of classes for work on their portfolio. In addition to the possibility of earning college credit, the student will have prepared a portfolio for college scholarship submission.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit, which will not be weighted.
PREREQUISITE: A grade of an A in Art III with written instructor approval. This course is not weighted.

DIGITAL PHOTOGRAPHY: This course focuses on developing a person's photographic eye and artistic vision through the lens. Within this course students will explore photographic composition, use of lighting, fashion photography, journalism photography, digital editing, graphic design, manual modes on dSLR cameras, and career opportunities for various photographers in the field.The overall goal is to develop a strong portfolio in the course that can showcase their talents and while gaining exposure to the photography field.
**This course may be repeated with the submission of a portfolio and instructor approval*
LENGTH OF COURSE: 1 Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior & grade of a C in Art I

CONSUMER EDUCATION

CONSUMER EDUCATION: This course is required by the State of Illinois for graduation. Students will become familiar with their responsibilities as a consumer of goods and services. Instruction includes units on the paychecks and deductions, taxes, credit, insurance, and purchasing home and/or automobile. Time will also be spent on banking and learning to manage a checking account. It is the aim of the course to help students build useful skills in decision making and in knowing their personal values and goals and how that relates to personal finance and budgeting. It is meant to be a practical course.
LENGTH OF COURSE: 9 weeks
CREDIT: 0.25 Credit

DRIVER EDUCATION

CLASSROOM PHASE: This phase of the program is required for graduation. The State of Illinois requires at least 30 clock hours of instruction for this part of the program. Students may only miss 3 classroom days. On the 4th day they may be dropped from the program due to state requirements. During this part of the program students will study the Illinois Rules of the Road book, take the Rules of the Road State test, apply for a behind-the-wheel driver's permit, and complete coursework from the Drive Right textbook. They must earn a passing grade to maintain their permit or the permit will be revoked.
LENGTH OF COURSE: 9 Weeks
CREDIT: 0.25 Credit
PREREQUISITE: Students must pass 8 classes during the 2 semesters prior to their Driver's Education class.

BEHIND-THE-WHEEL PHASE: Enrollment in this phase of the program is voluntary. However, it is required by the State of Illinois that if a student should desire his/her legal driver's license before the age of 18, the student must complete 10 hours of driving with their parents prior to BTW. The course involves a driving time with a certified instructor for 6 hours. This driving time with an instructor usually takes place in quarters following the completion of the class. A student must also fill out a log sheet with 50 hours of driving time (40 daytime hours and 10 nighttime hours) with a person 21 years or older who also maintains a valid driver's license.This 50 hour sheet must be turned in to the DMV when the student is 16 and going

to get their driver's license. Extra log sheets can be found on the cyberdrive.com website. The DMV will also require three forms of identification (required forms of ID can be found on cyberdrive.com), and a $20 fee that is paid in class for their permit. Students will not be allowed to drive while having more than two Fs on the weekly eligibility report.

ENGLISH

ENGLISH I: English I is a survey course that will introduce the DTHS scholars to a specific emphasis on identifying and evaluating the impact and effectiveness of literary devices used in the various texts studied (drama, nonfiction, poetry, short stories, and novels). Scholars will annotate the various texts studied for the purpose of making personal connections, evaluating the effectiveness of literary devices identified, analyzing passages, and making global connections. Annotating will be a common practice to help improve reader comprehension and retention. Scholars are also required to compose a variety of essays (narrative, expository, and persuasive), while applying the rules of grammar and mechanics, in order for scholars to develop their own voice, confidence and style as a writer.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

ENGLISH II: English II at DTHS emphasizes the development of clear, concise communication as well as advanced skills in textual interpretation, critical thinking, and analytical reasoning. Scholars will cultivate proficiency in written communication through the composition of poetry, personal and fictional narratives, research-based informative essays, and research-based argumentative essays. These writing experiences are supported by a range of project-based learning tasks that encourage creativity, collaboration, and authentic application of literacy skills.

Additionally, scholars will refine both verbal and nonverbal communication—speaking and active listening—through the preparation and delivery of multiple formal presentations, including literary analyses, research presentations, and multimodal projects. These activities are designed to build confidence, strengthen rhetorical awareness, and enhance scholars' ability to communicate effectively in academic and real-world contexts.

The curriculum also engages scholars in reading, interpreting, and analyzing a broad selection of classical and contemporary texts across genres, including poetry, fiction, nonfiction, and drama. Through close reading, Socratic discussions, and text-based responses, scholars will deepen their understanding of literary elements, the author's craft, and thematic complexity. Furthermore, scholars will participate in an independent reading component, allowing them to choose texts aligned with their interests. This practice promotes sustained engagement with literature, fosters independent thinking, and cultivates a lifelong appreciation for reading.

LENGTH OF COURSE: 1 Year

CREDIT: 1 Credit

ENGLISH III: English III will build upon prior and learned knowledge of the DTHS scholars. Through the study of various texts (fiction, nonfiction, essay, poetry, and drama), scholars will engage in critical reading, thinking, and discussion of complex texts, along with writing skills. Scholars are also required to compose a variety of essays (narrative, expository, and persuasive), while applying the rules of grammar and mechanics, in order for scholars to develop their own voice, confidence and style as a writer.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

ENGLISH IV: English IV at DTHS emphasizes the development of clear, concise, and effective communication skills through rigorous engagement in reading, writing, research, and speaking and listening activities. The course places particular emphasis on texts of significant literary merit, providing scholars with opportunities to examine complex works that span poetry, fiction, drama, and film. Through close reading, critical inquiry, and comparative analysis, scholars will explore diverse literary traditions and interpret texts from multiple historical, cultural, and theoretical perspectives.

Writing instruction is grounded in both project-based learning and advanced practice in the major modes of academic writing—narrative, expository, and argumentative. Scholars will refine their ability to construct coherent, well-supported ideas; employ sophisticated language; and demonstrate command of research-based conventions. These experiences are designed to strengthen critical thinking and enhance scholars' readiness for postsecondary academic and professional communication.

Additionally, scholars will develop their speaking and listening proficiency through a series of structured discussions, formal presentations, and prepared speeches. These activities promote rhetorical awareness, effective collaboration, and confidence in public communication. Together, the course's reading, writing, research, and speaking components prepare scholars to engage thoughtfully and analytically with the complex texts and communicative demands of college and career contexts.

LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

ADVANCED PLACEMENT ENGLISH (Language and Composition): AP English Language and Composition centers on the rigorous study of rhetorical reading, analytical writing, and evidence-based argumentation. Designed to prepare scholars for the AP Examination administered in April/May, the course aligns closely with the standards and expectations established by the College Board. Successful performance on the exam may qualify scholars for college credit, depending on institutional policies and individual test scores.

Scholars enrolled in this course should anticipate a substantial workload characterized by extensive reading, consistent writing practice, and ongoing engagement with complex texts. While several full-length works of fiction and nonfiction will be studied throughout the year, the curriculum places its primary emphasis on a wide range of nonfiction texts—including essays, speeches, memoirs, journalism, and visual rhetoric—to support the development of advanced analytical and rhetorical skills.

Throughout the year, scholars will compose informal responses, polished formal essays, and multiple timed writings that simulate the forty-minute essay structure required on the AP exam. These assignments focus on rhetorical analysis, argumentation, and synthesis, enabling scholars to craft clear, coherent, and well-supported writing under both extended and time-constrained conditions. In addition, scholars will complete several full-length AP practice exams to build familiarity with test format, pacing, and expectations.

Overall, the course is designed to cultivate sophisticated reading comprehension, effective written communication, and strategic thinking—skills essential for success on the AP exam and applicable to a broad range of academic and professional contexts.

LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit * Weighted credit with completion of AP exam.
PREREQUISITE: Junior/Senior, Consent/Permission of Instructor. In addition, a final grade of “A” for both semesters of English III is required.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

ADVANCED PLACEMENT ENGLISH (Literature and Composition):
AP English Literature and Composition centers on the close reading, critical analysis, and interpretive study of imaginative literature. Designed to prepare scholars for the AP Examination administered in April/May, the course aligns with the standards and expectations set forth by the College Board. Successful performance on the exam may qualify scholars for college credit, depending on institutional policies and individual test scores.

Scholars enrolled in this course should anticipate a substantial workload that includes extensive reading of challenging texts, consistent analytical writing, and sustained engagement with complex literary works. The curriculum emphasizes canonical and contemporary works of fiction, drama, and poetry, exploring how authors use literary techniques, structural choices, and thematic development to create meaning.

Throughout the year, scholars will craft informal responses, polished literary analysis essays, and multiple timed writings modeled on the AP exam’s free-response format. These assignments focus on close reading, interpretation, and argumentative analysis rooted in textual evidence. Scholars will practice writing about poetry, prose fiction, and drama under both extended and time-constrained conditions, developing the precision, insight, and clarity required for success on the AP exam.

In addition, scholars will complete full-length AP practice exams to build familiarity with test format, pacing, and expectations. Class discussions will play a central role, encouraging scholars to engage thoughtfully with texts, consider multiple interpretations, and articulate their insights with confidence and clarity.

Overall, the course is designed to cultivate sophisticated literary analysis, effective written communication, and critical thinking—skills highly valuable for the AP exam and broadly applicable to future academic and professional pursuits.

LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit *Weighted credit with completion of AP exam.*
PREREQUISITE: Senior Standing, Successful completion of AP English Language and Composition with a grade of "B" or higher. Consent/Permission of Instructor. In addition, a final grade of "A" for both semesters of English III is required.

FOREIGN LANGUAGE

SPANISH I: A foundation course which is designed to introduce students to Spanish language and culture. Spanish 1 courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. In addition to the learning of the language itself, the course introduces the student to an appreciation of the customs and culture of the people for whom the language is native.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: B Average in previous English course, or instructor approval.

SPANISH II: A continuation of Spanish I which builds upon skills developed in Spanish 1 and extends students' ability to understand and express themselves in Spanish and increase their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. The students will improve communication skills in Spanish through group work. Once again the students will be exposed to the many facets of the Spanish speaking world by studying the culture and customs of the people for whom the language is native.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of B in Spanish 1 or instructor approval.

SPANISH III: An accelerated course in Spanish that focuses and builds on all four basic language skills: reading, writing, listening, and speaking in the

target language. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations. The students will improve their skills through group work, class projects in the target language, and cultural exploration.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of B in Spanish II & Instructor Approval.

SPANISH IV: An accelerated course in Spanish that focuses on expanding and perfecting previous skills of reading, writing, listening and speaking learned in Spanish 1, 2 and 3. The course is designed to review Spanish grammar, so that one can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of B in Spanish III & Instructor Approval

HEALTH EDUCATION

HEALTH: Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development and/or community resources.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore

MATHEMATICS

PRE-ALGEBRA: The pre-algebra course covers integer operations (addition, subtraction, multiplication, and division), order of operations, using function notation, graphing linear functions, writing linear functions

given a graph or other key information, graphing linear inequalities, solving linear equations and inequalities, exponent rules, problems involving percents, polynomial operations, and probability.
LENGTH OF COURSE : 1 Year
CREDIT: 1 Credit
PREREQUISITE: Placement based on proficiency test scores and teacher recommendation.

ALGEBRA I: This is a two semester math course that covers arithmetic readiness, real numbers, linear equations and inequalities, functions, linear systems, exponential functions, polynomials, factoring, quadratic functions, radicals, and rationals.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Placement based on proficiency test scores

ADVANCED MATH 1: This is an accelerated course designed to formalize and extend mathematical concepts. Topics include linear equations and inequalities, linear models, systems of equations, exponentials, polynomials, factoring, and quadratics. Several topics in geometry are also covered including problem solving with various types of angles, triangles and polygons. This course is intended for students who are interested in pursuing careers in hard sciences, mathematics or engineering.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Placement based on proficiency test scores and teacher recommendation

ADVANCED MATH 2: This is an accelerated course designed to formalize and extend mathematical concepts with an emphasis on problem solving and mathematical reasoning. Topics include linear equations and inequalities, quadratics, systems of equations, composition of functions, transformations, and polynomial, radical and rational functions. Several topics from Geometry will also be covered including right triangle trigonometry, problem solving with perimeter and area, circles, and surface area and volume of three-dimensional figures. This course is intended for students who are interested in pursuing careers in hard sciences, mathematics or engineering.
LENGTH OF COURSE: 1 Year

CREDIT: 1 Credit
PREREQUISITE: Advanced Math 1

GEOMETRY: This is a two semester sequence course. Topics include perimeter, area, volume, congruence and similarity, proofs, right triangle trigonometry, circles, and the study of angles, triangles, and polygons.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Algebra I

ALGEBRA II: This is a two semester sequence course. Topics include linear equations and inequalities; functions and graphs, linear systems of equations, quadratic functions and equations, composition of functions, and polynomial, radical and rational functions.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Geometry

MATH ANALYSIS: This two semester sequence serves as introduction to first year college calculus and discrete mathematics. Topics include function analysis, analytic trigonometry and geometry, mathematical sequence and series, and introductory combinatorics. This is a fast-paced course and is intended for highly motivated students
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit* This course will be weighted* only for those students taking the class for a Dual Credit.
PREREQUISITE: Algebra II or Advanced Math 2
DUAL CREDIT FROM JJC (MATH 142) <u>MAY</u> BE AVAILABLE WITH AN APPROPRIATE PLACEMENT SCORE..

TRANSITION MATH: A study of the properties of real numbers, the properties of exponents and radicals, the arithmetic of polynomial and rational expressions, linear and quadratic equations and inequalities, systems of linear equations, and an introduction to functions. Problem-solving skills and critical-thinking skills are emphasized.
LENGTH OF COURSE: Two semesters
CREDIT: 1 Credit
PREREQUISITE: Senior course for students who have successfully

completed 3 years of Math including Algebra 2.
Teacher recommendation for this course is required.

STATISTICS: This is a college dual-credit statistics course focusing on statistical reasoning and the solving of problems using real-world data. Included are: data collection processes, frequency distributions, measures of position and variation, basic probability theory, probability distributions and the normal curve, correlation and least-squares regression, and confidence intervals and hypothesis tests using p-values.. A statistical software package will be used. Prerequisite(s): Appropriate placement score.
LENGTH OF COURSE: Two Semesters
CREDIT: 1 Credit* This course will be weighted*
PREREQUISITE: Senior standing and earn the appropriate placement score on the ALEKS test.
DUAL CREDIT FROM JJC (MATH 128) MAY BE AVAILABLE WITH AN APPROPRIATE PLACEMENT SCORE.

CALCULUS:. The topics include limits and an introduction to both differential and integral calculus. Several applications are studied such as area and optimization of functions. The calculus of transcendental functions is part of this course.
LENGTH OF COURSE: Two Semesters
CREDIT: 1 Credit* This course will be weighted*
PREREQUISITE: Math Analysis
DUAL CREDIT FROM JJC (MATH 170) MAY BE AVAILABLE WITH AN APPROPRIATE PLACEMENT SCORE

MUSIC

INSTRUMENTAL MUSIC – BAND: Band is a two semester course open to all students who can play or are willing to learn to play an instrument. The course's major objective is to expose students to one of the performing arts. During the first semester, students will participate in marching band, ILMEA auditions and festival, pep band, concert band, and small group performances. The second semester includes pep band, concert band, solos and ensembles contest, jazz band, and the music department's production of "The Jazz Show." The members of the jazz band are chosen

from Band by audition and/or instrumentation requirements. Band does require extra time outside of the school day. (i.e. A one week band camp in Late July/early August, daily morning (7:00 am) rehearsals during marching season, any other extra rehearsals and all performances). Students can expect approximately 35 performances throughout the school year.
LENGTH OF COURSE: One Semester or Full Year
CREDIT: 0.5 Credit or 1 Credit
PREREQUISITE: None

VOCAL MUSIC – CHORUS: Chorus is a two semester course open to all students. The course's major objective is to expose students to one of the performing arts. Throughout the year, students will study and perform a variety of music in many different styles. During the first semester, students have the opportunity to participate in ILMEA Auditions and District Festival. All students will participate in a fall and winter concert. Spring semester includes solo and ensemble contests, a spring concert, graduation. Course requirements include attending all performances, and a willingness to participate and work with others. Students will have approximately 5-7 performance opportunities throughout the year.
LENGTH OF COURSE: One Semester or Full Year
CREDIT: 0.5 Credit or 1 Credit
PREREQUISITE: None

GUITAR: Students will be instructed in learning all aspects of producing sound on the acoustic guitar along with music reading, music theory, and selected historical, cultural and technical contributions.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior

MUSIC THEORY: The Music Theory class will be designed for band/chorus students who want a more advanced understanding of how music works and how to be more creative and independent in their music playing. This class is also designed for non-music students who want to learn how to read/understand music better if they dabble in piano, guitar, or other non-band instruments or want to start learning an instrument. Through understanding notes, scales, chords, and more, students will work towards gaining the critical listening skills to understand musical structure,

analyzing the work of classical and contemporary composers, and composing/arranging their own music. There will also be an option to independently work towards the AP Music Theory exam for a college credit.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior

PHYSICAL EDUCATION

Physical Education is required of all students unless they are exempt for reasons stated in the school code. There are two physical education classes offered: Personal Fitness and Strength & Conditioning.

PERSONAL FITNESS: The goal of Personal Fitness is to develop movement skills as well as develop and maintain physical fitness. In the complete physical education program there is an attempt to nurture an interest and desire to participate in lifetime activities for fitness. Cardiovascular activities and resistance training will be implemented in the daily routine**.**

STRENGTH & CONDITIONING: This class has a limited number of seats. These seats will be filled by students who play sports first. If there are remaining seats available, at that time, nonathletes may be enrolled in S&C. The goal of Strength & Conditioning is to help student athletes' build a strong foundation to improve athletic performance and reduce the chance of injury. This class will include comprehensive training programs that focus on building strength, increasing flexibility and improving overall fitness levels.

FEE: All students enrolled in physical education are required to purchase and utilize school-issued uniforms and locks for the locker room.

SCIENCE

BIOLOGY: In this course, students will explore the basics of living organisms including: cell biology, genetics, evolution, ecology, and human biology. Through experiments, lessons, and projects, students will develop critical thinking skills and a strong understanding of biological concepts.

The course emphasizes scientific inquiry and prepares students for future studies in science.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: None

Physical Science: Physical Science will draw upon the principles of several scientific specialties – physical science, biology, chemistry, geology, astronomy, and physics and the course material will be organized around thematic units. Common themes will include systems, models, energy, patterns and data analysis. This course will use appropriate aspects from each specialty and investigate applications of the theme.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: None

CHEMISTRY: Chemistry is a one year laboratory science course that studies the structure and composition of matter and the possible changes in matter. Scientific laboratory techniques are used to accurately describe the events.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Sophomore/Junior/Senior & Completed Algebra 1 or Advanced Math 1 with B or higher. Sophomores must get Instructor Approval.

PHYSICS: Physics is an algebra-based, introductory physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque, fluids, and rotational motion. This course has the option to be weighted upon committing and taking the AP Physics 1 exam.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Junior/Senior, enrolled in Algebra 2 & Instructor Approval, or completed Advanced Math 2.

ANATOMY AND PHYSIOLOGY: This course explores the structure and function of the human body, focusing on systems such as: skeletal, muscular, cardiovascular, and nervous. Students will engage in labs, dissections, and case studies to understand how body systems work together. Emphasis is placed on critical thinking and real-world medical applications. Ideal for students interested in healthcare or biology careers.
LENGTH OF COURSES: 1 Year
CREDIT: 1 Credit
PREREQUISITE: A grade of C or better in Chemistry, or instructor approval. Junior/Senior status.

DUAL CREDIT CHEMISTRY: Dual Credit Chemistry is a college level chemistry course. Students undergo a chemistry curriculum and labs aligned with a first semester college chemistry course. This course is weighted and is eligible for college credit through JJC's Dual Credit Program. This class can be taken without opting into Dual Credit as well.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Junior/Senior, a grade of a B or higher in Chemistry & Instructor Approval

SOCIAL STUDIES

WORLD HISTORY: World History provides an overview of the history of the world. Major Asian, African, Middle East, and Latin and South American nations are examined. Emphasis is on European development. This course helps provide an understanding of traditions throughout the world and historical ideas and movements that have had an effect on civilizations and nations. Students will 1) gain an appreciation of the history and culture of ancient, medieval, and modern civilizations and nations, and 2) understand events, trends, personalities, and movements that have helped shape historical development.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: None

CIVICS: This course will help students understand the structure, function, and relationship of government at the state and national levels. They will explore the forces that created the context in which the U.S. government

was formed and those that guided its formation as we know it now. There will be a focus on the structure, content, and different understandings of the Constitution. The course will “help young people acquire and learn to use the skills, knowledge, and attitudes that will prepare them to be competent and responsible citizens throughout their lives" by allowing them to discuss and apply their knowledge and understanding of the government to current and controversial issues.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore & World History

UNITED STATES HISTORY: The United States History course provides an overview of the history of the American people from the colonial period through contemporary times. This course helps provide each student with an understanding of themselves and of society, prepares students for citizenship in a democracy, provides the basis for understanding the complexities of the world community, and encourages an understanding of the historical method as a way to understand and interpret human behavior. Contributions of minority-ethnic groups, women, and labor unions are included in the course of study as students examine topics and people relative to the 17th, 18th, 19th, and 20th and 21st centuries.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Junior & World History

ADVANCED PLACEMENT AMERICAN HISTORY: Advanced Placement (AP) American History provides a study of major themes in American History from the founding of the first colonies to the present. This course utilizes a college-level text. Thomas A. Bailey and David M. Kennedy's, The American Pageant . Students will learn about the nature of history, what historians do, and how to analyze and interpret primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Objective and essay tests will be given designed to prepare students for the AP exam. This course is weighted.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit*
PREREQUISITE: Instructor Approval. * Weighted with the completion of the AP exam.

WORLD GEOGRAPHY: This is a one semester course designed for students to develop map skills, and gain a better understanding of specific places and regions. Students will understand the relationship between humans and the earth, know the physical processes that shape the earth's surface, and use geography to understand the past, interpret the present and plan for the future.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: World History

ADVANCED PLACEMENT PSYCHOLOGY: AP Psychology is a high school course and exam from College Board that provides an introductory-level, college-level study of the systematic and scientific study of human behavior and mental processes. This year-long class is designed to help students explore the ideas, theories, and methods of the scientific study of behavior and mental processes. We will examine the concepts of psychology through reading and discussion and analyze data from psychological research studies. The curriculum covers key psychological concepts, theories, and research methods across units like the biological bases of behavior, cognition, development and learning, social psychology and personality, and mental and physical health.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit
PREREQUISITE: Senior & Instructor Approval * Weighted with the completion of the AP exam.

RUSH ("Recent United States History"): RUSH provides an overview of American History following World War II up to the present. This course gives students an awareness about the present day United States and how we got to the modern version of America in which they live. This course focuses on how America has changed and the impact of more recent events and how they have shaped modern times. Topics covered will include, the Cold War, the Civil Rights Movement, the Korean War, the Vietnam War, Nixon and Watergate, Ronald Reagan and the Conservative Movement, and 911.

LENGTH OF COURSE: 1 Semester
CREDIT: 0.5 Credit
PREREQUISITE: Senior & U.S. History

GLOBAL STUDIES: Global Studies is a one semester course designed for students to develop a better understanding of the world around them. It will focus on world news and look at issues and topics from a global perspective. Topics covered will include, the global economy, comparative governments, world leaders, global statistics, current events, the United Nations and international military alliances and conflicts. The goal and objective of this class is to create more aware, up to date, and knowledgeable students who have a better understanding of the world in which they live.
LENGTH OF COURSE: 1 Semester
CREDIT: 0.5 Credit
PREREQUISITE: World History

VOCATIONAL EDUCATION

AGRICULTURE

INTRODUCTION TO AGRICULTURE: This class is the first and a required class of all agriculture classes. The course will survey the many components of the agricultural industry including, the role of agriculture in society, the history of agriculture, FFA and the various areas of agriculture. Careers in the industry will be emphasized. Hands-on activities such as food production, ice cream labs, intro to archery, greenhouse activities, leadership conferences, and SAE projects.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
There is no prerequisite for this class. Preference is given to freshman and sophomores. Any member enrolled in class is automatically a member of FFA as the two work together to provide an enriching agriculture education program.

AG SCIENCE: This course will cover the importance of animal, crop, plant, and food science in the agriculture industry. Topics will include animal science, greenhouse, crop science, food science, ag processing, and ag careers. This class focuses on hands-on labs and group projects to incorporate real life applications including soil sampling, making various foods, self-designed experiments on plants, and small animal care. Leadership skill development is an integral part of this program and is delivered through FFA activities. Any member enrolled in class is automatically a member of FFA as the two work together to provide an enriching agriculture education program.
LENGTH: One Year
CREDIT: 1 Credit

LARGE AND SMALL ANIMAL CARE: This course will cover the care of companion and production animals. Units of study will include cats, dogs, exotic animals, beef, dairy, swine, sheep, goats, horses, poultry and specialty animals. We will focus on their importance to the industry, reproduction, anatomy, nutrition, and management for each unit. Any member enrolled in class is automatically a member of FFA, as the two work together to provide an enriching agriculture education program.
LENGTH: One Year
CREDIT: 1 Credit
PREREQUISITES: Junior/Senior, Introduction to Agriculture & Instructor Approval

HORTICULTURE/GREENHOUSE: This course highlights many of the areas of horticulture and the areas of knowledge that are important to them: growing media, fertilizers, plant growth regulators, pest management, greenhouse structures, greenhouse production, nursery crops, floral design, interiorscaping, landscaping and vegetable production. The students will grow plants in the greenhouse; do plantings at school, make bouquets, boutonnieres, corsages, wreaths and floral arrangements. Any member enrolled in class is automatically a member of FFA and can participate in horticulture contests throughout the year.
LENGTH: One Year
CREDIT: 1 Credit
PREREQUISITES: Junior/Senior & Instructor Approval

NATURAL RESOURCES AND CONSERVATION: This course will cover the importance of the relationships between agriculture and natural resources. Topics include conservation, forestry, soils, land use, prairies, outdoor recreation, and current issues in natural resources. Careers in the industry will be emphasized. Leadership skill development is an integral part of this program and is delivered through FFA activities. Any member enrolled in class is automatically a member of FFA as the two work together to provide an enriching agriculture education program.
LENGTH: One Semester
CREDIT: 0.5 Credit
PREREQUISITES: Junior/Senior, Intro to Agriculture or Ag Science & Instructor Approval

AGRICULTURE BUSINESS: This course will develop students' understanding of the US and world agriculture industry and will cover knowledge and skills required in operating a business. Topics include communications, marketing, sales, personal finance, product development, trading, imports and exports, and advertising. Students will develop and operate a school cooperative. Careers in the industry will be emphasized. Leadership skill development is an integral part of this program and is delivered through FFA activities. Individualized instruction and learning reinforcement are provided through Supervised Agricultural Experience programs (S.A.E.'s)
LENGTH: One Year
CREDIT: 0.5 Credit
PREREQUISITES: Senior & Instructor Approval

FARM TO FORK: This course provides learning experiences in food science and food production. This would be an opportunity for students to apply scientific knowledge to practices used in the development and preservation of food products. Issues of food science and safety are examined from a scientific and technological perspective. This course allows students to learn where their food comes from, how to accurately and safely prepare it, and how to make sound consumer, economic and nutritional decisions. Topics in this course include, creating and tending to a garden, working in the greenhouse, learning how to can vegetables, dehydrating fruit and meats, conducting experimental labs with other foods including eggs and dairy products. Any member enrolled in class is automatically a member of FFA, as the two work together to provide an enriching agriculture education program.

LENGTH: One Semester (spring)
CREDIT: 0.5 Credit
PREREQUISITES: Senior & Instructor Approval

BUSINESS

INTRODUCTION TO BUSINESS AND TECHNOLOGY:
This course is designed as an orientation to the world of business and the process of starting a business and becoming an entrepreneur. This class serves as the framework for other business courses taken at the high school and/or college level. Students will focus on entrepreneurship and end the course with developing a unique product or service to present in a Shark Tank presentation to a shark. This course will tackle elements of marketing, advertising, accounting, and many other elements of business. The students will get to participate in a stock market game throughout the semester, which is an online simulation of the global capital markets that engages students in the world of economics, investing and personal finance, and prepares them for financially independent futures.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit

COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS:
Computer Concepts and Software Applications is an orientation-level course that will provide students with the opportunity to use the computer as a problem-solving tool that can be applied to any academic environment or career path. Students will apply these skills to hands-on, real-life situations using a variety of current software applications. Students will learn and apply elements of Microsoft Word, PowerPoint, Excel, and Access through an online simulation. Students will learn to apply spreadsheet functions to create and edit charts and graphs to interpret spreadsheet data; design and create databases to extract, sort, calculate, and report business data; design, create, professional presentations which include appropriate text formatting, graphics, animation. Students will also use the Internet in an ethical manner to research, communicate, collaborate, and efficiently retrieve information.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore/Junior/Senior

DIGITAL MEDIA DESIGN AND PRODUCTION:
The Digital Media Design and Production course introduces students to a variety of media editing applications. Students will learn the fundamentals of graphic design and production and provide students with the opportunity to apply these principles to printed media, digital presentation media and interactive media. Students will apply video editing skills to various projects utilizing multimedia applications such as Pixlr, WeVideo, Adobe Premiere Pro CC, and Photoshop. In addition the students will learn the basics of using digital cameras, green screen technology and video lighting.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore/Junior/Senior

COMPUTER PROGRAMMING:
Students will be introduced to the initial concepts of computer programming through exposure to online programming applications. These applications take advantage of advances in computing power and interface design to make computer programming more engaging and accessible for students. Students will learn Python coding through CodeHS and complete a rotation of modules to navigate Tracy the Turtle. Other applications include: Raspberry Pi, robotic video car, Lego Mindstorms, and Parrot Drones. Programming languages included are Java Script, Python, and other current applications.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore/Junior/Senior & Advanced Math 1 or Geometry

ACCOUNTING I: The objective of the Accounting I course is to develop an understanding of the processing of financial data using basic accounting procedures. Emphasis is on understanding accounting principles and concepts, developing a familiarity with a variety of methods of processing financial data, and acquiring the background essential for work in a wide range of accounting, computing, clerical, and data processing jobs. The course is divided into accounting for a service business organized as a proprietorship during the first semester and accounting for a merchandising business organized as a corporation. The course is divided into small segments of instruction, followed by a manual, cumulative simulation will be done during the second semester.
LENGTH OF COURSE: 1 year

CREDIT: 1.0 Credit
PREREQUISITE: Junior/Senior

FAMILY AND CONSUMER SCIENCE (FACS)

L.I.F.E. (Learning for Independence and Family Education):
This semester course will introduce the student to the field of family and consumer sciences. It is designed to develop the total well-being of the student to become a healthy, well-adjusted, self-confident individual, family member, and worker. Learning activities will provide an opportunity to apply the knowledge gained throughout the course Basic units include sewing skills, pillow and apron projects, laundry, introduction to the food lab, preparation of baked goods, eggs, safe knife skills, Laboratory experiences will be a vital component. Classroom activities will encourage the integration of cooperative learning, and leadership development. FCCLA (formerly FHA) is an extension of these learning experiences.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITES: None

FOOD AND NUTRITION I: In this course the student will learn proper use and practice using knives and equipment. Students will learn basic food preparation techniques and procedures through practice in lab experiences. Sanitation will be taught and practiced daily. Students study food influences, importance of healthy dietary guidelines, MyPlate, grains, pasta, fruit, cheese, vegetables, yeast breads and baking.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: C or higher in LIFE

FOOD AND NUTRITION II: This course is an expansion of Foods I. The student will build, improve and broaden the skills learned in Foods I. The units of study and laboratory experience offered will include, making healthy food choices, professional knife skills, poultry, beef, soups, baking, planning meals, and smart consumerism.
LENGTH OF COURSE: One Semester

CREDIT: 0.5 Credit
PREREQUISITE: C or higher in Foods I

FOOD AND NUTRITION III: This course is a study of the development of regional cuisine of America with an emphasis on the production and taste with application of skills to develop, organize, and build a portfolio of recipe strategies. This course also has an extensive unit on international cuisine with an individual foods demonstration given by each student.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: C or higher in Foods 2 & instructors approval.

CHILD CARE: Students gain knowledge and understanding of physical, social, intellectual and emotional development of children from birth to six years. Responsibility of parenthood and alternative ways of meeting the needs of parents and children will be the focus. Readiness for children, interactions between children and family members, pregnancy and childbirth, and availability of community and social services will be vital components of this course. The "Real Care Baby" is part of the curriculum for preparing teens for the adult world of children. Emphasis is placed on preparing for pre-school situations where the student will teach, observe, and interact with young children. There is a four week practicum at Dwight Grade School. These experiences will not only prepare the student for being a better parent but also expose him to career opportunities.
LENGTH OF COURSE: One Semester
CREDIT: 1 Credit
PREREQUISITE: Junior/Senior & LIFE

ADULT LIVING: This course is designed to help students gain an understanding of themselves and others. The course is approached from a viewpoint that will be helpful to young people making lifetime decisions, and with emphasis on the need for maturity and readiness for adult responsibility. The study of personality, values, goals, money management, interpersonal relationships, engagement, marriage, conflict resolution, and decision-making techniques, are covered. Students will learn how the responsibility of taking care of children, career choices, and communications skills are approached through an examination of individual and family relationships. Emphasis will be placed on learning experiences which provide opportunities for the students to gain knowledge and

understanding in the principles of human growth and development, and the roles, responsibilities and impact of parenting.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior & LIFE

INDUSTRIAL TECHNOLOGY

ORIENTATION TO INDUSTRIAL TECHNOLOGY: This course is designed to provide classroom and laboratory instruction pertaining to a broad range of industrial and technical occupations. This class is an opportunity for students to become familiar with some of the concepts of future Industrial Arts classes. Topics include but are not limited to basic concepts in Industrial Arts (i.e. measuring, hand tools, power tools), basic sheet metal and basic woodworking. Learn how to use the laser (s).
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit

WOODS 1: Learn basics of milling, preparing and finishing wood. This course serves as a baseline for the other woodworking classes. Learn the essential building blocks for how all woodworking projects start! Also, learn the CNC Router.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore/Junior/Senior & Orientation to Industrial Technology

WOODS 2: Utilize skills learned in Woods 1 to construct more complex projects. Focus on a higher level of craftsmanship and learn more advanced techniques, tools and processes.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior & Woods 1

HOME MAINTENANCE: Any repair job you do around the house is bound to require some knowledge of the use of hand and/or power tools at some stage - and not just any hand/power tool, but the right tool, correctly used.

This means learning all that you can about hand/power tools and their purposes, and mastering the technique that each one requires. It is precisely this kind of instruction applied to home repairs and improvements at every level that you will be studying**.**
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Sophomore/Junior/Senior & Orientation to Industrial Technology

WOODS 3: Utilize skills from Woods 1 and Woods 2 to learn advanced processes to create fine furniture and professional-grade cabinetry. First semester focuses on learning advanced techniques. Second semester is a project of students choosing (within a budget).
LENGTH OF COURSE: 1 year
CREDIT: 1 Credit
PREREQUISITE: Senior, Woods 2 & Instructor Approval

SMALL ENGINES/WELDING: Shop skills necessary in preparation for occupations in mechanics are developed. Course content includes use of design, maintenance, repair, and overhaul of small gas engines. Students will use equipment in the laboratory and evaluate machine performance. Each student will be expected to furnish a **Briggs and Stratton** small gasoline engine for shop work. Students develop welding skills essential for occupations requiring welding experiences or for repair of metal parts in the home shop. Students advance at their own rate as competency levels are mastered in the use of arc, oxyacetylene, and MIG welders. Students begin with machine set-up, metal preparation, and running beads, then advance to more difficult out-of-position welds**.**
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior & Orientation to Industrial Technology

INDUSTRIAL TECHNOLOGY: Take a more in-depth look at modern day technologies used to create objects. Learn CNC routing in both 2-D and 3-D dimensions, laser engraving/cutting, 3-D printing and its associated software. Students begin by getting familiar with the computer and basic CAD/CAM programs and then move on to learning machine programming, set-up and operation.

LENGTH OF COURSE: One Semester
CREDIT Ed T: 0.5 Credit
PREREQUISITE: Orientation to Industrial Technology, Sophomore/Junior/Senior

PERSONAL/ACADEMIC/CAREER DEVELOPMENT

STUDY HALL: Study Hall is designed to emphasize the importance of academics by providing time for students to complete homework and further their academic achievement by providing an environment that encourages student achievement.
LENGTH OF COURSE: One Semester or Year

CAREER QUEST: This course will introduce students to what life after high school will consist of. Students will explore career options and learn about employability skills for job success, decision-making and problem-solving skills as well as communication skills, and personal finance skills needed to live on their own. To prepare for a career, students will start with a job search, create a resume, practice job interviewing and beyond. Other topics included in this course are scholarship completion and essay writing, and how to navigate as a college freshman. Through the course of this class, the students will work through online personal finance simulations using Everfi and NextGen Personal Finance.
LENGTH OF COURSE: One Semester
CREDIT: 0.5 Credit
PREREQUISITE: Junior/Senior

LIVINGSTON AREA CAREER CENTER: is located at Pontiac Township High School. Approximately 15- 2 year programs are available to juniors and seniors. **A fee will be charged for each class taken at LACC as part of DTHS registration fee.**
LENGTH OF COURSE: 1-2 YEARS
CREDIT: 1 credit per class per semester
PREREQUISITE: Junior/Senior, 2.0 GPA, excellent attendance

YEARBOOK/JOURNALISM: This course (associated with the production of the school yearbook) emphasizes writing style and technique as well as

production values and organization. The course will introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; teach students the principles of production design and layout; and teach photojournalism skills, including how to photograph in manual mode. Students will be required to photograph school events outside of the normal school day (on average, one event every two weeks).
LENGTH OF COURSE: One semester or full year, can be repeated

PEER ADVISOR/TUTOR: Peer Advisor Class will consist of assisting students at Dwight Grade School and at the Pre-K program. This opportunity is geared toward students who may be considering a career in the education or childcare field. This class will not be graded and students will not receive credit toward their G.P.A. This class may be repeated. Peer Advisor would take the place of a study hall in the student's schedule.
LENGTH OF COURSE: One Semester or Year
PREREQUISITE: Junior/Senior. Excellent attendance, 3.0 G.P.A, consent of parents, completed application & PA Sponsor Approval

Course Descriptions for the Special Needs Program Prerequisite: Students enrolling in these courses are classified as having an Individualized Education Plan (IEP).

BASIC ENGLISH 1
This course provides instruction in basic language skills, integrated reading, writing, speaking and listening; while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and builds upon students' prior knowledge. Typically, this course may include vocabulary building, improving spelling and grammar and developing writing skills.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC ENGLISH 2
This course is designed to provide instruction in integrated reading and different genres of literature. Course content depends on students' abilities

and builds upon students' prior knowledge. Exploration of each genres' literary elements; determination of theme and intent; and emphasis on comprehension are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC ENGLISH 3
This course provides instruction with the intent to improve a student's reading and writing skills while placing an emphasis on "real-world" applications. Course content depends on students' abilities and builds upon students' prior knowledge which may include critical-thinking, analysis, and comprehension skills. Writing assignments are required as an additional method to improve understanding and comprehension.
LENGTH OF COURSE: 1 Semester
CREDIT: 0.5 Credit

BASIC ENGLISH 4
This course is designed to focus on students' reading abilities and give students the opportunity to focus on improving their reading skills. Course content depends on students' strengths and weaknesses and is designed to improve students' reading comprehension; by focusing on areas such as making predictions, summarizing text, drawing conclusions and identifying the author's purpose.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

VOCATIONAL EDUCATION
This course helps students explore the workplace and examines their future in it. In addition this class teaches students to become effective members of their community. Topics include: finding and keeping a job, building a resume, successful interviewing, and the skills necessary for independent living. This course can be taken two years in a row as a junior and a senior.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

ON THE JOB TRAINING
This course is offered in conjunction with the vocational education class. Students are placed on campus or in community work sites. Students will work a minimum of 10 hours per week. This course is designed to provide students the opportunity to learn work skills on the job and prepare students for the competitive world of work. The program provides work experiences that coincide with post-secondary work employment goals that could include paid employment or internships. This allows students to gain school credit towards graduation, while gaining hands-on work experience, with as-needed support services.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC MATH
This year-long course will introduce students to practical, relevant problems of the real world. The students will develop the skills needed to solve real-world problems such as: earning money, paychecks and deductions, savings and checking accounts, using credit, filing income tax forms, measurements, ratio, proportion, and percent, and area.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC PRE-ALGEBRA
In this year long course students will explore mathematical concepts that are foundations for success in Algebra. Students will become familiar with the following: language of Algebra, number theory, rational numbers and fractions, basic operations and rational expressions, integers, exponents, square roots, and the Pythagorean Theorem.
LENGTH OF COURSE : 1 year
CREDIT: 1 Credit

BASIC ALGEBRA
This year-long course is a study of the language, concepts, and techniques of Algebra that will prepare students to approach and solve problems following a logical succession of steps. Skills taught are simplifying expressions, solving equations, applications with Algebra, exponents and polynomials, factoring, irrational numbers and radical expressions, linear and quadratic functions.
LENGTH OF COURSE: 1 Year

CREDIT: 1 Credit

BASIC GEOMETRY
This year's long course is the study of lines, angles, and basic shapes and figures in one, two and three dimensions. Topics covered include the properties of geometric shapes; symmetry; calculations and measurements of angles, lengths, areas, and volumes; geometric postulates and theorems; linear and quadratic equations, and the use of algebra to solve geometric problems. Skills covered include the transformations of figures, graphing on a coordinate plane, geometric proofs and constructions, creating and solving algebraic equations; and deductive and inductive reasoning.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC SCIENCE: Basic Science is designed to help students learn important concepts of physical and earth sciences. Students will practice working with data and sharpen their abilities to infer, classify, and theorize. This course includes, but not limited to, topics such as the Metric System, Work & Machines, Weathering & Erosion, and the Solar System.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC BIOLOGY
Basic Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but not limited to) such topics as cell structure and function, general plant and animal physiology, genetics and taxonomy
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

BASIC WORLD HISTORY
Basic World History provides an overview of the history of the world. Major Asian, African, Middle East, and Latin and South American nations are examined. Emphasis is on European development. This course helps provide an understanding of traditions throughout the world and historical ideas and movements that have had an effect on civilizations and nations.
LENGTH OF COURSE: 1 Year

CREDIT: 1 Year

BASIC CIVICS
Basic Civics provides an overview of basic political concepts and examines the structure and function of government at the local, state, and national levels. This course will help students demonstrate knowledge about the United States Constitution, branches of Government, and the functionality of the American Government system. Topics include citizenship, political resources, elections, state political activities, federal system, separation of powers, checks and balances, and rights and responsibilities.
LENGTH OF COURSE: 1 Semester
CREDIT: 0.5 Credit

BASIC U.S. HISTORY
The United States History course provides an overview of the history of the American people from the colonial period through contemporary times. This course helps provide each student with an understanding of themselves and of society, prepares students for citizenship in a democracy, provides the basics for understanding the complexities of the world community, and encourages an understanding of the historical method as a way to understand and interpret human behavior.
LENGTH OF COURSE: 1 Year
CREDIT: 1 Credit

APPLIED LANGUAGE ARTS
This course provides intervention for students experiencing difficulty with the reading process with small group instruction. Students learn compensatory strategies and participate in remedial instruction in the areas of sight word acquisition and reading comprehension. Students determine what the text says explicitly and to make logical inferences from it, as well as cite specific textual evidence. They also determine central ideas or themes of a text. Students work on sentence structure and develop writing with the aid of visual cues and the support of technology as needed. Students gain experience in preparing a cover letter, resume, and job interviewing skills.
Length of course: 1 year
Credit: 1 credit

APPLIED CONSUMER EDUCATION
This course provides an overview of making wise buying decisions including: learning about a product before purchasing, comparing different brands, interpreting ads, and considering wants and needs. Students explore shopping for household items and investigate return policies.Tips for online shopping and protecting online identity are introduced. This course also introduces the rights of consumers in the area of credit card use.
Length of Course: 1 semester
Credit: 0.5 credit

APPLIED MATH
This course helps students develop basic academic and daily living skills in areas of consumer responsibility, money sense, time and measurement, and career awareness.
Length of Course: 1 year
Credit: 1 credit

APPLIED SCIENCE
This course provides instruction in understanding good nutrition; personal hygiene; safety in the home, school, and community; basic first aid practices; appropriate use of prescription and nonprescription medicines; identification of medical services within the community. Community outings are integrated into the learning experience to generalize skills.
Length of Course: 1 year
Credit:1 credit

APPLIED SOCIAL SCIENCE
This course helps students with IEPs gain initial experiences in the areas of self-advocacy, what it means to have a disability, understanding the IEP process, exploring careers, opportunities for post-secondary education, community resources; student-centered transition planning, identifying a personal support system, personal health and safety, and exploring the community. This course also develops skills for appropriate social skills with friends, co-workers, and provides an introduction to digital citizenship.
Length of Course: 1 year
Credit:1 credit

LIFESKILLS

The functional academics included in this course include caring for personal needs, preparing and consuming food, buying and caring for clothing, public transportation, prevocational skills and appropriate work habits and behavior. This course is designed to develop and support greater independence for young adults affected by a disability.

Length of Course: 1 year

Credit: 1 credit