



Delton Kellogg High School

2026-2027 Panther Tracks

Planning for
the Future

CAREER CLUSTERS

- Arts, AV Technology & Communications
- Business, Management, Marketing and Technology
- Engineering/Manufacturing and Industrial Technology
- Health Sciences
- Human Services
- Natural Resources and Agriscience

Unlock your potential with Delton Kellogg Schools. Our Panther Tracks career pathways, featured in our Course Catalog, are designed to guide you in planning for a successful future. Explore the opportunities available and take the first step toward your career goals today!





Delton Kellogg High School

Panther Tracks



Arts, AV Technology & Communications

This Panther Track encompasses a wide range of creative and technical careers related to visual and performing arts, as well as various forms of communication and media production. Professionals in this pathway use their talents and skills to convey messages, tell stories, entertain, inform, and inspire through various media and artistic forms.

CAREER CLUSTER

Arts
Communications
Audio Visual Technology

CLASSES AT DKHS Related to this Track

- 
- Creative Writing
 - AP Literature and Composition
 - AP Language and Composition
 - Functional Writing & Journalism
 - Verbal Expression & Communication
 - Environmental Literature
 - Drawing and Painting I & II
 - AP Art History
 - Ceramic I & II
 - Computer Graphics Media I & II
 - Social and Cultural History of Rock & Roll
 - Digital Photography
 - Choir
 - Band: Marching/Jazz
 - Music Theory
 - Yearbook
 - Computer Science Discoveries
 - Computer Science Principles
 - Financial Math
 - Spanish

CAREER POSSIBILITIES

- **Graphic Designer:** Creates visual content for various media.
- **Video Editor:** Edits footage for TV, films, and online.
- **Broadcast/Sound Technician:** Manages broadcast equipment and refines event audio.
- **Animator:** Produces animations and visual effects.
- **Public Relations Specialist:** Develops PR strategies and media releases.
- **Multimedia Artist:** Designs visual effects using various tools.
- **Photographer:** Takes photos for media, art, and commercial purposes.
- **Journalist:** Reports news across various media platforms.
- **Musician/Composer/Singer:** Performs or composes music.
- **Visual Artist:** Creates art pieces using various mediums (paint, sculpture, etc.).
- **Dancer/Choreographer:** Performs and designs dance routines across various styles.
- **Art Director:** Manages visual content and design in media productions.
- **Art Curator:** Manages and presents art collections.
- **Playwright:** Writes scripts for theatrical productions.
- **Film/Theatre Director:** Oversees creative and management aspects of films and theater productions.

IS THIS FOR ME?

- Do I have a strong passion for the arts or creative expression?
- Am I comfortable with public speaking or performance?
- Am I drawn to graphic design, photography, video production, animation, or other visual arts and media-related activities?
- Do I enjoy crafting stories, through writing, filmmaking, or other forms of creative expression?
- Do I have an interest in using technology for creative purposes, such as digital art or web design?

Personal Qualities

- Creative
- Imaginative
- Artistic
- Storyteller



Delton Kellogg High School

Panther Tracks



Business, Management, Marketing and Technology

CAREER CLUSTER

Finance
Hospitality & Tourism
Information Technology
Marketing, Sales & Service
Business, Management & Administration

This Panther Track encompasses roles where professionals engage in commerce, leadership, marketing strategies, and cutting-edge technology. Within this pathway, they hone skills in business administration, project management, digital marketing, and information technology, allowing them to drive innovation and shape the future of industries.

CLASSES AT DKHS Related to this Track

- College Algebra
- AP Statistics
- Pre-Calculus
- AP Calculus
- Financial Math
- Computer Science Discoveries
- Computer Science Principles
- AP Macroeconomics
- AP Microeconomics
- Family and Consumer Sciences
- Functional Writing & Journalism
- Verbal Expression & Communication
- Current Events
- AP Language and Composition
- Spanish



CAREER POSSIBILITIES

- **Entrepreneur:** Initiates and manages innovative business ventures.
- **Sales Representative:** Sells products or services to customers and clients.
- **Marketing Specialist:** Develops and executes marketing campaigns to promote products or services.
- **Computer Programmer/Network Administrator:** Manages software, applications, and networks for organizational efficiency and security.
- **Cybersecurity Analyst:** Protects computer systems and data from cyber threats.
- **Banking Professional:** Manages financial transactions, loans, and investments within a bank.
- **Accountant/Financial Analyst:** Manages financial records, analyzes data, and provides insights to guide financial decisions within organizations.
- **Human Resources Manager:** Oversees staffing and employee relations within organizations.
- **Economist:** Analyzes economic data, offering insights.
- **Administrative Assistant:** Provides support and assistance to executives and teams in administrative tasks.
- **Hospitality (Restaurant and Hotel Management):** Professionals ensuring guest comfort and managing restaurants and hotels.

IS THIS FOR ME?

- Am I a natural leader who enjoys taking charge and guiding others?
- Do I have good communication skills and enjoy working with people?
- Am I interested in understanding how companies operate and make profits?
- Do I like negotiating or persuading others to reach agreements?
- Am I comfortable with math and analyzing financial information?
- Do I have ideas for products or services that could meet people's needs?

Personal Qualities

Innovative
Adaptable
Analytical
Tech-savvy
Effective Communicator



Delton Kellogg High School

Panther Tracks



Engineering/Manufacturing and Industrial Technology

This Panther Track leads individuals into the heart of innovation and precision, shaping the future of industries. Professionals within this pathway specialize in designing, producing, and optimizing products and systems, driving technological advancements, and contributing to the ever-evolving industrial landscape.

CAREER CLUSTER

Manufacturing
Architecture & Construction
Science, Technology, Engineering & Mathematics
Transportation, Distribution & Logistics

CAREER POSSIBILITIES

CLASSES AT DKHS Related to this Track

- Hydraulics/Hydrostatic Transmissions
- Residential Electric
- Woods
- Welding
- IGNITE
- Advanced Auto
- College Algebra
- Pre-Calculus
- AP Calculus
- Financial Math
- Chemistry
- Chemistry in Earth Systems
- Computer Science Discoveries
- Computer Science Principles
- Vocational Math
- Functional Writing & Journalism
- Verbal Expression & Communication
- Current Events
- Drawing and Painting I and II
- Computer Graphics Media I and II
- Spanish

- **Drafting & Design Technology / Architectural:** Create precise architectural and engineering plans for construction projects.
- **Construction Trades:** Work on building construction, from carpentry to masonry.
- **Electrical & Power Transmission Installation:** Install and maintain electrical systems, including power lines.
- **Plumbing Technology:** Design and maintain plumbing systems.
- **Heating, Air Conditioning, Ventilation, and refrigeration:** Install and maintain HVAC systems.
- **Line Worker:** Maintain electrical and telecommunication lines.
- **Maintenance, Installation, & Repair:** Maintain, install, and repair various equipment and systems.
- **Machine Tool Technology/Machinist:** Operate and maintain machine tools for precision parts.
- **Welding, Brazing, & Soldering:** Join metals through various techniques.
- **Mechanical Drafting:** Create precise mechanical drawings.
- **Heavy/Industrial Equipment Maintenance:** Maintain and repair heavy machinery.
- **Automobile Technician:** Diagnose and repair vehicles.
- **Avionics Maintenance Technology:** Maintain aircraft electronic systems.

IS THIS FOR ME?

- Do I have good spatial reasoning skills for tasks like drafting or working with measurements?
- Do I have an aptitude for working with tools, machinery, or technical equipment?
- Am I comfortable with following safety procedures and protocols?
- Do I have the physical stamina to perform tasks that may require lifting, climbing, or working in various environments?

Personal Qualities

Detail Oriented
Problem Solver
Mechanical Aptitude
Ingenuity



Delton Kellogg High School

Panther Tracks



Health Sciences

This Panther Track encompasses roles where professionals engage in the dynamic world of health sciences. Within this pathway, individuals explore the intricate facets of biology, anatomy, and healthcare management. They develop essential skills in clinical practice, research, and healthcare administration, positioning themselves to drive innovation and shape the future of the healthcare industry.

CAREER CLUSTER
Health Science

CLASSES AT DKHS Related to this Track

- Anatomy and Physiology
- AP Biology
- Nursing
- EMT
- Plant and Animal Science
- Forensic Science
- Chemistry
- College Algebra
- AP Statistics
- Pre-Calculus
- AP Calculus
- Financial Math
- Computer Science Discoveries
- Computer Science Principles
- Functional Writing & Journalism
- Verbal Expression & Communication
- AP Language and Composition
- Spanish
- Weight Training

CAREER POSSIBILITIES

- **Athletic Trainer:** Sports injury prevention and treatment.
- **Veterinarian/Vet Tech:** Diagnose, treat, and care for animals, ensuring their well-being.
- **Physician:** Diagnose and treat medical conditions.
- **Registered Nurse:** Provide patient care and administer medications.
- **Pharmacist:** Dispense prescriptions and educate patients on drug use.
- **Dentist/Orthodontist:** Oral health specialists offering preventive and restorative dental care.
- **Physical Therapist:** Rehabilitation experts aiding patient recovery and mobility.
- **Speech-Language Pathologist:** Diagnose and treat communication disorders.
- **Sonographer/X-ray technician:** Diagnostic imaging.
- **Occupational Therapist:** Experts helping patients regain daily life skills after injury or illness.
- **Research & Development:** Conduct research and develop innovative healthcare solutions.
- **Emergency Medical Technician (EMT):** Provide initial medical care in emergency situations.

IS THIS FOR ME?

- Am I comfortable working in a fast-paced and sometimes high-stress environment?
- Do I have good observational and critical thinking skills?
- Am I detail-oriented and able to follow strict protocols and procedures?
- Am I willing to invest years in education and training in this field?
- Do I possess effective communication skills for working with patients and colleagues?
- Do I have a strong sense of ethics and a commitment to patient confidentiality?

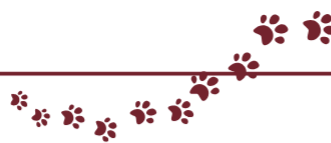
Personal Qualities

Empathetic
Precise
Adaptable
Critical Thinker
Effective Communicator



Delton Kellogg High School

Panther Tracks



Human Services

This Panther Track is dedicated to careers aimed at assisting and supporting individuals and communities. Professionals in this pathway work in diverse roles such as education, government, law enforcement, social services, childcare, and hospitality. They are committed to making a positive impact on people's lives and contributing to the well-being of the community.

CAREER CLUSTER

Law
Human Services
Education & Training
Public Safety & Security
Government & Public Services

CLASSES AT DKHS Related to this Track

- Chemistry
- Anatomy and Physiology
- AP Environmental Science
- Forensic Science
- Psychology I and II
- Sociology I and II
- Current Events
- Future Proud Michigan Educators
- College Algebra
- Financial Math
- Computer Science Discoveries
- Functional Writing & Journalism
- Verbal Expression & Communication
- AP Language and Composition
- Environmental Literature
- Spanish
- Weight Training



CAREER POSSIBILITIES

- **Educators:** Professionals committed to lifelong education.
- **Childcare Providers:** Caregivers ensuring child well-being.
- **Interpreters:** Experts bridging language and culture.
- **Military Personnel:** Individuals who serve their country defending national security.
- **First Responders and Law Enforcement:** Ensuring safety and responding to emergencies.
- **Correctional Services:** Working within the correctional system to maintain safety and support rehabilitation.
- **Legal Services:** Professionals upholding legal standards and providing legal assistance.
- **Civil Service:** Working in government agencies to provide essential services and support to the community.
- **Elected Official:** Elected representatives chosen to make decisions on behalf of their constituents in government.
- **Social Services:** Supporting individuals and communities' well-being through assistance and resources.
- **Counselor:** Provide guidance and emotional support to aid people in overcoming life's challenges.
- **Massage Therapist:** Provide therapeutic touch to relax muscles, relieve tension, and promote well-being.
- **Cosmetology and Beauty Services:** Skilled professionals offering a range of salon and spa services to clients.

IS THIS FOR ME?

- Am I genuinely compassionate and empathetic towards others' struggles and challenges?
- Do I have strong communication and active listening skills to understand people's needs?
- Do I naturally enjoy helping and interacting with people in social situations?
- Am I patient and understanding when dealing with others, even in challenging situations?
- Am I attentive to details and can I keep my surroundings clean and organized?
- Do I like the idea of working in a fast-paced environment and collaborating with colleagues?

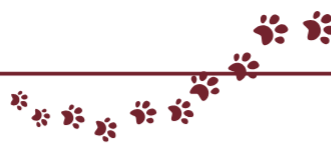
Personal Qualities

Compassionate
Adaptable
Communicative
Trustworthy
Resourceful



Delton Kellogg High School

Panther Tracks



Natural Resources and Agriscience

CAREER CLUSTER

Agriculture
Food & Natural Resources

This Panther Track focuses on sustainable practices and the close connection between people, food and the natural world. The field involves careers in agriculture, forestry, greenhouse production, conservation, and resource management, affording practical, hands-on experience. It is a career that embraces a balanced relationship between humans and their environment.

CLASSES AT DKHS Related to this Track

- Plant and Animal Science
- Wildlife and Natural Resources
- Agricultural Technologies and Business Leadership
- AP Environmental Science
- Anatomy and Physiology
- Chemistry
- AP Biology
- College Algebra
- AP Statistics
- Pre-Calculus
- AP Calculus
- Financial Math
- AP Macroeconomics
- Farm To Table
- Computer Science Discoveries
- Computer Science Principles
- Functional Writing & Journalism
- Ag Biology
- AP Language and Composition
- Environmental Literature
- Weight Training
- Drawing and Painting I and II
- Spanish



CAREER POSSIBILITIES

- **Ecologist:** Investigates relationships between organisms and their environments, contributing to ecosystem management and conservation.
- **Conservation Officer:** Enforces wildlife and environmental laws, protecting natural resources and habitats.
- **Agriculturist:** Focuses on the cultivation of crops, livestock, and agricultural practices to enhance food production.
- **Horticulturist:** Specializes in the management of greenhouses, gardens, orchards, and ornamental plants.
- **Animal Health and Veterinary Science:** Provides healthcare and medical treatment to animals.
- **Biotechnology Specialist:** Applies biotechnology to enhance agricultural and environmental processes.
- **Florist:** Creates and designs floral arrangements for various occasions and events.
- **Landscape Designer:** Plans and designs outdoor spaces, including gardens, parks, and urban landscapes.
- **Turf Grass Manager:** Focuses on the maintenance of turf grass for sports fields, golf courses, and landscapes.
- **Agronomist:** Specializes in crop production and soil management to optimize agricultural practices.
- **Zoologist:** Conducts research on animal behavior.
- **Fisheries Biologist:** Focuses on the study of fish and aquatic ecosystems, contributing to fisheries management.
- **Park Ranger:** Oversees and safeguards national parks and recreational areas, ensuring their preservation.

IS THIS FOR ME?

- Do I enjoy working outdoors and connecting with nature on a daily basis?
- Do I like working with animals, plants, or in a greenhouse environment?
- Am I patient and able to accept the time it takes for natural processes to yield results?
- Do I have an interest in finding solutions to environmental challenges?
- Am I physically fit and prepared for the physical demands of outdoor work in various weather conditions?

Personal Qualities

Adaptability
Resilience
Problem-solver
Patience
Curiosity
Nature-loving



Delton Kellogg High School

Panther Tracks

4 Year Plan



Pathway:

Circle One: Honors Trades Agri Science

9th Grade		10th Grade		11th Grade		12th Grade	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 9	English 9	English 10	English 10	English 11/AP	English 11/AP	English 12/AP	English 12/AP
Algebra I/Geom	Algebra I/Geom	Geom/Algebra II	Geom/Algebra II	Algebra II /PreCalc/College Algebra/Stats	Algebra II /PreCalc/College Algebra/Stats	Financial Math/Vocational	Optional
US History and Geography or APUSH	US History and Geography or APUSH	Government/AP	Economics or AP Macro/Micro Economics	World History and Geography or AP World History	World History and Geography or AP World History	Elective	Elective
Physics	Physics	Biology/Ag Biology/AP	Biology/Ag Bio/AP	Chemistry/Chem. in Earth Systems/AP	Chemistry/Chem. in Earth Systems/AP	Elective	Elective
Spanish I	Spanish I	Spanish II/Elective	Spanish II/Elective	Elective/Adv Spanish	Elective/Adv Spanish	Elective/Adv Spanish	Elective/Adv Spanish
Elective	Elective	CTE	CTE	CTE	CTE	CTE	CTE

Class Elective Worksheet: Use the suggested course pathways to determine your electives.

9th Grade

10th Grade

11th Grade

12th Grade

You must have 2 credits of World Language, 1 credit of Visual, Performing, and Applied Arts, .5 credit of physical education and .5 credit of health.

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SEMESTER SCHEDULE

DKHS currently uses a Semester (two-term), six periods per day schedule. Each semester is 18 weeks long. Students can earn six (6) credits per year and twenty-four (24) credits over four years. Each semester class is worth $\frac{1}{2}$ credit. Many courses have an "A" and "B" portion with the "A" portion taken during the first semester and the "B" taken during the second semester.

CLASS CHANGES

All class changes should be completed before the start of a new semester. The high school principal may grant a waiver in limited and special circumstances.

GENERAL INFORMATION

The proper selection of courses by the student and parent is of utmost importance and should be given serious consideration. Courses should be chosen that will be of the greatest benefit to the student, both at present and in the future. Student abilities and interests in various fields should be considered, as well as the requirements for graduation. For these reasons, the student's proposed educational plan should be given careful consideration. It is suggested that students review the Panther Track Career Pathway guides, discuss their interests with their parents, and develop a tentative 4-year plan together.

The teachers and staff at Delton Kellogg High School have been employed to lead the way and guide students in their desire to reach their career goals. Through a broad curriculum and many available extracurricular activities, it is hoped that students will find success and enjoy their experiences at Delton Kellogg High School.

At Delton Kellogg High School, fostering academic achievement and ensuring successful school experiences for every student are among our top priorities. To assist you in selecting courses aligned with your career aspirations, we have compiled Panther Tracks Career Pathway documents and course summaries. It is advisable that students choose courses that align with their career goals and continue with them throughout their four years of high school. For guidance in this decision-making process, students should consult their Educational Development Plan (EDP) and Career Pathways Panther Tracks documents.

The Guidance Counselor is available to aid students in the development of their educational program. The counselor helps students:

1. In educational planning: Assist every student in formulating their high school plan, arranging schedules, and offering guidance on various options such as businesses, trade schools, colleges, scholarships, grants, and loans.
2. In occupational planning: Each DK student has an Educational Development Plan developed using Xello (login.xello.world).
3. In understanding abilities and interests: Review with students the results of M-STEP tests, EDPs, ASVAB test, SAT, PSAT, and Xello.
4. In course selection: Provide assistance in crafting a comprehensive four-year high school plan tailored to meet each student’s educational requirements, ensuring that all selected courses align with their chosen career pathway.

Students and parents are encouraged to utilize the services offered by the Guidance Department for assistance with any areas of concern. Doing so enhances the student’s educational experience at Delton Kellogg High School, making it more fulfilling and rewarding. It is assumed that students planning to further their education after graduation accept the responsibility of meeting the entrance requirements of their selected institution. All students’ EDPs are available at login.xello.world.

NCAA ELIGIBILITY CENTER

Student-athletes considering playing sports in college should refer to the NCAA Eligibility Center at (877) 262-1492 or www.ncaaclearinghouse.net.

ADVANCED PLACEMENT (AP) COURSES

Advanced Placement Courses (AP) are offered to challenge students and to provide an opportunity to earn college credit. The following departments offer AP courses: Social Studies, Art, Science, Math, and English. Advanced Placement students are eligible to take the AP test in the spring and must commit to taking the exam in the fall. Students are responsible for the cost of the test. All Advanced Placement classes follow course guidelines determined by the College Board, and college credit is granted by universities in compliance with their standards of achievement. Course descriptions can be found by department in this guide. All grades for successful completion of AP classes and Academically Talented Youth Program (ATYP) classes are weighted grades for determining a student’s GPA.

Students enrolling in an AP Course must have a signed contract on file prior to enrollment. Students enrolling in an AP course will not be allowed to drop the course. Please ensure that before enrolling, the student understands the demands and the rigor of the course.

REQUIREMENTS FOR GRADUATION		
A MINIMUM OF THE FOLLOWING UNITS OF CREDIT ARE REQUIRED FOR GRADUATION.		
23 TOTAL CREDITS ARE NEEDED TO GRADUATE.		
ENGLISH	4 Credits	● English Language Arts 9, 10, 11, 12
SOCIAL STUDIES	3 Credits	● 1 credit in US History ● .5 credit in Economics, .5 credit in American Government, ● 1 credit in World History

MATHEMATICS	4 Credits	Algebra I, Geometry, Algebra II, and one math or math-related course in the final year of high school (it may NOT be Algebra I, Algebra II, or Geometry).
SCIENCE	3 Credits	Physics, Biology, and Chemistry
WORLD LANGUAGE	2 Credits	Two years of study in the same language (4 semesters) are recommended for students attending 4-year college programs to earn a bachelor's degree. After earning credit in a level one course, students may use another "Visual, Performing, or Applied Arts" course to fulfill the second-year credit (2 semesters).
VISUAL, PERFORMING, or APPLIED ARTS	1 Credit	Select from courses in Art, Music, Media, or Applied Arts.
PHYSICAL EDUCATION & HEALTH	.5 credit PE .5 credit health	DKHS students successfully passing health in the 8 th grade earn their required HS credit.
PERSONAL FINANCE	.5 credit	Financial Math (Effective with students entering 8 th grade in 2024) • Proficiency in State Content Standards for Personal Finance.
ACADEMIC ENRICHMENT PERIOD	.5 credit	Pass or fail grade. (.25 credits per semester for 2 semesters)
Certain credits may be fulfilled through AP courses (for example, AP Macro Economics could replace Economics).		
Students must have taken a CPR/defibrillation class before graduation between grades 7-12.		
ONLINE LEARNING EXPERIENCE: Take an online course, complete a meaningful online experience of at least 20 hours, or finish the required MMC courses with a 20-hour meaningful online experience incorporated.		

ENROLLMENT PRIORITY

When Advanced Placement and elective courses reach capacity for student enrollment, priority will be given to upperclassmen, Educational Development Plan alignment, successful prior history in a class of similar rigor, and teacher recommendation.

PLANNING THE YEAR

Freshman Checklist:

- Investigate the Panther Tracks Career Pathways to identify the career path that aligns with your career interests.
- Begin developing your Educational Development Plan (EDP) in Xello.
- Participate in career exploration activities. Discuss possible careers with school personnel, parents, friends, relatives, and local employers.
- Complete the Panther Tracks 4-year plan, outlining the credits you intend to take and visualizing your path to graduation.
- Make sure your enrollment includes both mandatory and optional courses aimed at preparing you to fulfill the objectives outlined in your career planner from 8th grade.
- Participate in extracurricular activities such as clubs, sports, and volunteer opportunities (school and non-school-sponsored).
- Begin developing your high school transcript. Your transcript is an official record of the classes that you enroll in, the grades that you receive, and your grade point average. Colleges, universities, trade schools, as well as future employers, will be interested in your grade point average and your course selections.
- Begin exploring post-secondary education and training opportunities.

Sophomore Checklist:

- Keep your grades up so you can have the highest GPA possible.
- Remember the importance of being a well-rounded individual. Work toward leadership positions in the activities that you like best. Become involved in community service and/or other volunteer activities. Investigate summer training programs or volunteer activities.
- Review and update your EDP and course selections to reflect your career pathway. Continue to develop and update your EDP.
- Review the Panther Track Career Pathway document for your chosen career pathway. Use it and the course catalog as your guide to selecting challenging courses that will prepare you for future career options.
- Complete the Panther Tracks 4-year plan. Review the courses you have taken so far and outline the credits you intend to take on your continued path toward graduation.
- Ask your counselor about the PSAT assessment program. This test will help to prepare you for taking the SAT during your junior year. Using a Khan Academy profile, engage in practicing for the SAT.
- Begin thinking about post-secondary education and training opportunities needed for your career of interest (e.g. community college, university, military, technical, or on-the-job training).
- Discover further education opportunities by engaging in sessions held at DKHS by a variety of colleges, universities, and trade schools (check the calendar in guidance).
- Take part in on-site visits, review individual college catalogs, and explore college websites online.
- Investigate summer training programs or volunteer activities.
- Start constructing a resume detailing your coursework, extracurricular engagements, work history, and volunteer involvement.

Junior Checklist:

- Update your Panther Tracks 4-year plan. Review your transcript, credits needed for graduation and GPA. Outline the credits you intend to take on your continued path toward graduation.
- Make an appointment with your counselor to discuss your career goals, review your EDP and your Panther Tracks 4-year plan, and your chosen course selections.
- Continue to improve your performance in the classroom.
- Explore career awareness opportunities by visiting the guidance counselor. Continue to update your EDP.
- Meet with representatives visiting DKHS from colleges, military, and technical training institutes. Check the calendar in guidance.
- Attend Barry County College Night.
- Stay involved in extracurricular activities like sports, clubs, and volunteer opportunities. These experiences are viewed favorably by employers and colleges.
- Start a file or folder in which you save EVERYTHING pertaining to post-secondary options. Make a list of post-secondary options you would like to explore.
- Take the SAT during the 2nd semester of your junior year. The SAT is required by nearly all Michigan colleges and universities for admission. Release your SAT scores to the State of Michigan Scholarship Program by listing your school code on the registration form. During the first semester, continue to use Khan Academy to prepare for the SAT.
- Begin exploring financial aid and scholarship opportunities via Financial Aid Night at DKHS. Do internet searches looking for scholarships that align with your career pathway.
- Update your resume to present to potential employers, college admissions, and scholarship committees.

Senior Checklist:

- Check to make sure you have all the credits necessary for graduation and that you are enrolled in the correct courses for graduation.
 - Enroll in classes that are rigorous and academically challenging ensuring they align with your chosen career pathway.
 - Maintain and improve academic grades. Colleges, trade schools, and future employers look unfavorably upon failing grades, especially during the senior year.
 - Discuss college choices with parents, counselors, teachers, and recruiters. Attend the Barry County College Fair.
 - Explore placement opportunities through co-op, apprenticeships, or externship experiences.
 - Complete a letter of recommendation form outlining your accomplishments during your high school career. You can share it with those who might potentially write you a letter of recommendation.
 - Reach out to employers, teachers, and volunteer supervisors regarding the possibility of providing letters of recommendation for your school, scholarship, and future job applications. Ensure to provide them with ample time to complete the letters.
 - Begin obtaining and filling out applications for two-year schools, four-year schools, and technical institutes.
 - Retake or take the SAT if necessary. Make sure the results are sent to the institutions you are considering.
- Check all available sources for scholarships. These would include the Gun Lake Women's Scholarship, DKEF Scholarships, the Barry Community Foundation, individual college websites, and the DKHS daily announcements. Note any deadlines associated with the scholarships.
- Attend the Financial Aid Night at DKHS.
 - Fill out financial aid forms (especially the FAFSA in the fall).
 - Final resume review. Update your resume to present to potential employers, college admissions, and scholarship committees.

COURSE DESCRIPTIONS

Please note the following:

- Courses listed are not necessarily available every year.
- Students from all grades may enroll in courses designated for specific grade levels (e.g., 11-12) with the approval of the teacher.

WORLD LANGUAGE COURSE OF STUDY (Spanish)

World Language requirements:

- Two years of study in the same language (4 semesters) are recommended for students attending 4-year college programs to earn a bachelor's degree.
- Two semesters of the same World Language (1 credit) and completion of a formal Career and Technical Education program or an additional visual, performing, and applied arts credit (1 credit).

Recommended course of study that fulfills graduation requirements and meets the State of Michigan World Language standards:

College Prep Panther Track:

Freshman	Sophomore	Junior	Senior
Spanish 1	Spanish 1 / Spanish 2	Spanish 1 Spanish 2 Spanish 3 Independent Study 3/4	Spanish 1 Spanish 2 Spanish 3 Spanish 4 Independent Study 3/4

Career and Technical Education (Trades) Panther Track:

Freshman	Sophomore	Junior	Senior
Spanish 1 Spanish 2		Spanish 1 Spanish 2 Spanish 3 Independent Study 3/4 (targeted for career path) Spanish 4	

Flexible Panther Track:

Freshman	Sophomore	Junior	Senior
Spanish 1	Spanish /Spanish 2	Spanish 1 /Spanish 2 Independent Study 3/4 (targeted for career path)	Spanish 1 Spanish 2 Independent Study 3/4 (targeted for career path)

Spanish I Grades 9-12 1 Credit Students will be introduced to the basic skills of a second language through listening, speaking, reading, and writing. An emphasis will be placed on aural/oral skills through vocabulary study and correct pronunciation of simple dialogue and short phrases. Students will learn basic grammatical structures and be able to understand and produce basic communicative exchanges. In addition, Spanish culture will be explored in each lesson.

Spanish II Grades 10-12 1 Credit Students will continue their acquisition of the Spanish language in the areas of listening, speaking, reading, and writing. Emphasis will be placed on the correct use of the language in several tenses, especially in aural/oral communication. Culture is further explored through readings and class projects. **Prerequisite: At least a “C” average in previous Spanish courses.**

Spanish III Grades 11-12 1 Credit Students in this course will be presented with some advanced grammar along with contextual vocabulary in order to facilitate a greater involvement in listening, speaking, reading, and writing Spanish. An introduction to Spanish literature will be presented as well as continued cultural exploration.

Prerequisite: At least a “C” average in previous Spanish courses.

Spanish IV Grades 11-12 1 Credit Students should have a strong background in Spanish. Emphasis is on fluent use of the language in all four skills: listening, speaking, reading, and writing. Grammar and structure are reviewed and refined. Vocabulary enrichment is stressed, and extensive verb work is done. Spanish culture and literature are discussed. Coursework is conducted primarily in Spanish.

Prerequisite: At least a “C” average in previous Spanish courses.

ENGLISH LANGUAGE ARTS COURSE OF STUDY

ELA Requirements:

- Students are required to take 4 credits of English. You may exchange English 11 and/or 12 with an AP English course.
- Students who choose English electives outside of these required classes must still take the necessary English class for their level even though they have fulfilled their four credit requirements. For example, students who elect to take Popular Literature in their junior year must still take English 11. In other words, students may not take elective English classes in lieu of the required courses.

Recommended course of study that fulfills graduation requirements and meets the State of Michigan ELA standards:

College Prep Panther Track:

Freshman	Sophomore	Junior	Senior
English 9	English 10	English 11	English 12
		AP Language & Composition or AP Literature & Composition	AP Language & Composition or AP Literature & Composition
Note: During your junior or senior year, you may exchange English 11 or 12 for one of the AP options.			

College Prep (ELA) Panther Track:

Freshman	Sophomore	Junior	Senior
English 9	English 10	AP Language & Composition or AP Literature & Composition	AP Language & Composition or AP Literature & Composition
		English Elective	English Elective

Career and Technical Education (Trades) Panther Track:

Freshman	Sophomore	Junior	Senior
English 9	English 10	English 11	English 12
		Functional Writing & Journalism <u>and</u> Verbal Expression & Communication	

Flexible Panther Track:

Freshman	Sophomore	Junior	Senior
English 9	English 10	English 11	English 12
		Functional Writing & Journalism <u>and</u> Verbal Expression & Communication	English Elective

English 9 Grade 9 1 Credit The goal for English Language Arts 9 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 9, students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their relationships to society.

English 10 Grade 10 1 Credit The goal for English Language Arts 10 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English Language Arts 10, students will add to the list of various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate validity and quality, to balance and expand their perspectives promoting empathy, social action, and appropriate use of power. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have the power to impact them.

English 11 Grade 11 1 Credit The goal for English Language Arts 11 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English Language Arts 11, students will add to the list of various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school with a special focus on British and World Literature and ACT success. Eleventh graders will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future.

English 12 Grade 12 1 Credit The goal for English 12 is to refine, apply, and extend the solid foundation of knowledge, skills, and strategies developed in English 9 through 11. Using the lens of leadership skills, English 12 students will develop a world perspective by analyzing classic and contemporary texts in a variety of genres, including post-colonial literature. Twelfth graders will synthesize information, ideas, and themes to understand the past, the present and to think innovatively about the future. They will identify and apply their own leadership skills and prepare for responsible action as American citizens in the context of a global world.

AP Language and Composition Grades 11-12 1 Credit AP Language and Composition is a course that is open to Juniors and Seniors who want to challenge themselves in the area of Language Arts. They should be prepared for a summer reading assignment. An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming 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. Students taking AP Language and Composition will have the ability to take the AP Language and Composition exam at the end of the year for potential college credit.

PREREQUISITE: At least a "B" average in previous English courses and/or teacher recommendation.

AP Literature and Composition Grades 11-12 1 Credit AP Literature and Composition is a course that is open to Juniors and Seniors who want to challenge themselves in the area of Language Arts. They should also be prepared for a summer reading assignment. An AP Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Students taking AP Language and Composition will have the ability to take the AP Language Composition exam at the end of the year for potential college credit. **Prerequisite: At least a "B" average in previous English courses and/or teacher recommendation. Electives:**

Verbal Expression & Communication Grades 10-12 ½ Credit Even though the world now communicates in many ways through our digital landscapes, oral communication is still an important skill. Much of this class will be focused on developing the way we communicate face-to-face in several settings, such as: 1 on 1 interpersonal communication, public speaking, debate, and group discussions. The main goal of this communication will vary from persuasive to generally coherent expression. This course's content will focus on some selected topics of student interest while working to develop research skills, critical thinking, and individual speaking and listening. Any writing in this class will be either informal, formative assignments or for "presenting" (like a Canva, Google Slideshow, or other written products to aid in achieving the purpose of the face-to-face communication type).

Functional Writing & Journalism Grades 10-12 ½ Credit Students will develop writing and composition skills to communicate efficiently and professionally for various print and digital purposes, including journalism.

Many types of writing will be explored and practiced in this class, including: magazine articles, social media posts, blogs, newsletters, newspaper articles, editorials, grants, journals, websites, resumes, cover letters, and emails. This may include video presentations and contributions to various school and community publications.

Creative Writing Grades 10-12 ½ Credit This class will introduce students to the process and techniques of creative writing. Interested students should be reading at grade level and should be producing quality writing and have the ability to analyze the written word. Students will experiment with various types of writing, including journaling and the writing of fiction, creative non-fiction, and poetry. Class readings will expose students to various writing styles and provide examples of the successes and strategies of other writers. Class time will be spent discussing the writer’s craft, the assigned readings, and student writing.

Environmental Literature Grades 10-12 ½ Credit The purpose of this class is to help students realize that place is an appreciable element in literature and life. The place where literature is set influences what the piece means; likewise, where a person comes from and where they reside influences what meaning their lives hold. These understandings are universal and contribute to collective understandings about our environment, including people and cultures. In Environmental Literature students will explore the relationship between the imagination and the natural world in the works of key American writers. In addition, they will also reflect on their understanding of their relationship with the environment through journaling and creative projects, with special attention to local bioregions, such as: Crooked Lake Watershed, Michigan, and the Midwest. This course will draw on the creative and critical tools of multiple disciplines—including literary studies, creative writing, natural history, and natural sciences.

MATH COURSE OF STUDY

Math Requirements

- Recommendations for placement in all mathematics classes will be largely determined, on mastery/proficiency of prerequisite assessments, as well as teacher evaluations.
- High school students must take Algebra I, Geometry, Algebra II, and a full year of math their senior year (they may NOT use Algebra I, Algebra II, or Geometry to reach the senior math requirement).
- Some students will take Algebra I or Geometry in middle school.
- Financial Math is required for students entering eighth grade in 2024 as it meets the State Content Standards for Personal Finance.

Recommended course of study that fulfills graduation requirements and meets the State of Michigan Math standards:

College Prep (non-science) Panther Track:

Freshman	Sophomore	Junior	Senior	
Algebra I	Geometry	Algebra II	College Algebra	Financial Math I and II
			Precalculus	

College Prep (Math/Science/Engineering) Panther Track: Choose a path that aligns with your freshman class.

Freshman	Sophomore	Junior	Senior	
Algebra I	Geometry	Algebra II	College Algebra	Financial Math I and II

			Precalculus	
Geometry	Algebra II	College Algebra	Precalculus or AP Statistics	Financial Math I and II
		Precalculus	AP Statistics or AP Calculus	
Algebra II	Precalculus College Algebra	AP Statistics or <u>AP Calculus</u> Precalculus	AP Statistics or <u>AP Calculus</u> AP Statistics or AP Calculus	Financial Math I and II

Freshman	Sophomore	Junior	Senior	
Algebra I	Geometry	Algebra II	College Algebra	Financial Math I and II

Career and Technical Education (Trades) Panther Track:

Flexible Panther Track:

Freshman	Sophomore	Junior	Senior	
Algebra I	Geometry	Algebra II	College Algebra	Financial Math I and II

Algebra I Grades 9-12 1 Credit The first in a series of high school mathematics courses needed for college-bound students. This course is a prerequisite for Geometry and Algebra II. Students will be able to use variables while exploring multiplication, addition, subtraction, and division in Algebra. In addition, students will be able to use linear sentences, slopes and lines, exponents and powers, quadratic equations, and square roots.

Geometry Grades 9-12 1 Credit This class will continue a more focused study of many of the geometry topics introduced in transition math and algebra. It will begin with a study of coordinates and measurement ideas, including area and volume. Ideas of similarity and congruence will be developed through

transformations. Three-dimensional work will be studied throughout. Proof-writing will be introduced gradually. Competence in Algebra through linear systems is required. Since another important goal of the course is to assist you in learning mathematics on your own, you will be required to read regularly and set aside time to work on problems.

Prerequisite: Algebra I

Algebra II Grades 9-12 1 Credit Algebra 2 continues to build the foundation students will need to be prepared for future mathematics courses, in either high school or college. The fundamental skills in Algebra 2 are: solving for an unknown, function notation, factoring, and polynomials. Additional concepts covered included: graphing and solving inequalities, matrix vocabulary, complex numbers, radical expressions and radical exponents, logarithmic and exponential functions, and conic figures. Chrome books and graphing calculators will be used most days to facilitate students' visual understanding and provide immediate feedback.

Prerequisite: Algebra I and Geometry

College Algebra Grades 10-12 1 Credit This class is an excellent preparatory one for students interested in Pre-Calculus. This is similar to a course offered at Kellogg Community College, Kalamazoo Valley Community College, and Western Michigan University. It is designed to help students strengthen their algebraic skills and to prepare them for careers not requiring Calculus. Linear equations, inequalities, functions, polynomials, exponents, radicals, conic sections, logarithms, and exponents will be studied with emphasis placed on real-world applications. A great review of Algebra II, as well as preparation for Pre-Calculus and college entrance exams.

Prerequisite: Algebra II

Personal Finance I Grades 11-12 ½ Credit This class is intended to teach students financial responsibility using the Dave Ramsey Foundations in Personal Finance program. This class includes saving and budgeting, staying away from credit and debt, and creating a financial plan for the next step after high school.

Prerequisite: Algebra II

Personal Finance II Grades 11-12 ½ Credit This class is intended to teach students financial responsibility using the Dave Ramsey Foundations in Personal Finance program. This class includes financial planning for the future, building wealth, and protecting wealth with insurance, charitable giving, and the global economy.

Prerequisite: Algebra II

Electives:

Pre-Calculus Grades 10-12 1 Credit Students who do well in this class are encouraged to move on to AP Calculus or AP Statistics. The objectives of this course are well aligned with the national standards, colleges, and universities across the United States. In this course, students will learn about all trigonometric relations that are taught in a trigonometry course, such as the unit circle, trig relations and identities, trig equations, and transformation of trigonometric graphs along with identities. In addition, the students explore pre-calculus ideas such as investigating exponential, logarithmic, piecewise, and polynomial functions along with matrices, vectors, and analytical geometry along with calculus ideas such as series, limits, and elementary derivatives.

Prerequisite: Algebra II or College Algebra

AP Calculus Grades 11-12 1 Credit This advanced-level mathematics course is equivalent to one year of College Calculus. Students are provided with an in-depth study in limits, derivatives, curve sketching, critical points, tangent lines, series, sequences, areas under curves, integration anti-derivatives, and the fundamental theorems of calculus, as well as the applications of these concepts in real-world problem-solving situations.

This class, which complies with the College Board’s rigorous standards, is intended only for those pupils who have been highly successful in Algebra, Geometry, Algebra II, and Pre-Calculus. It is also extremely advantageous for the student to have his/her own T183 or 85 graphing calculator or the equivalent thereof. This class can potentially get you credit at a community college and some universities. It will also give you base knowledge that you need to take math at a higher level. This makes it much easier and less stressful while you are still trying to adjust to college life.

Prerequisite: Highly successful in Algebra, Geometry, Algebra II, and Precalculus.

AP Statistics Grades 10-12 1 Credit This is an excellent preparatory class for the college-intending student who does not require Calculus for his/her career field. Its intent is to show students how statistics are used to picture and describe the world, as well as to demonstrate that an understanding of statistics is necessary for individuals to make informed decisions. Topics of study include frequency, graphs, measures of central tendency and variation, probability, binomial and normal distributions, standard deviation, confidence intervals, hypothesis testing, regression, and analysis. A wide variety of real-life applications will be investigated that pertain to business, psychology, health sciences, sports, computer science, political science, and current events. In addition to studying significant trends, data, and topics of interest to them, students will further explore the use of technology in mathematics. The AP test can be taken as part of this course.

Prerequisite: Algebra, Geometry, and either Algebra II or College Algebra. Precalculus is recommended.

Vocational Mathematics Grades 11-12 1 Credit This is a full-year course that will allow the students to further make the connection between mathematics and the world outside of the classroom setting. Specifically designed to help prepare students to work in the trades. Topics will include measurement, algebra, geometry, trigonometry, graphs, finance, and soft skills for the world of work. This class is intended for juniors and seniors who have an interest in working in the trades.

The class will be formatted from the program at the Wayland Carpentry and Millwright Center. Students will use the same selection of books that are used in trade classes at DKHS. The trades classes use the project books and this course would use the math for the trades and soft skills books. There would be two texts used. The soft skills and math texts. (Both are used at the Wayland Carpentry and Millwright Center) Materials that would be needed for the course would be the two textbooks and some measurement tools.

SCIENCE COURSE OF STUDY

Science Requirements:

- High school students must take Physics, Biology, and Chemistry or Physics, Biology, and Chemistry or Plant and Animal Science/Natural Resources and Leadership (if appropriate for one’s Career Pathway).

Recommended course of study that fulfills graduation requirements and meets the State of Michigan Science standards:

College Prep (non-science) Panther Track:

Freshman	Sophomore	Junior	Senior
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Physics	Biology	Chemistry	AP Bio or AP Env. Sci
		and AP Bio or AP Env. Sci	and Computer Science Course

College Prep (Science/Engineering) Panther Track:

Freshman	Sophomore	Junior	Senior
Physics	Chemistry	AP Bio or AP Env. Sci	AP Bio or AP Env. Sci
		and Science Elective	and Science Elective
Computer Science Course			

Career and Technical Education (Trades) Panther Track:

Freshman	Sophomore	Junior	Senior
Physics	Biology	Chemistry	Science elective applicable to pathway
Computer Science Course			

Flexible Panther Track:

Freshman	Sophomore	Junior	Senior
Physics	Biology	Chemistry	Science elective applicable to pathway
Computer Science Course			

Science

Conceptual Physics

Grade 9

1 Credit

Students will explore foundational physics principles such as Newton's laws of motion, electricity and magnetism, and the properties of waves and sound. Through project-based and hands-on activities, students investigate real-world phenomena, collect observations, and apply concepts to everyday situations. These experiences reinforce core ideas while developing problem-solving skills and scientific curiosity.

Mathematical treatment is limited to basic algebra and graphical analysis; the primary focus is on building conceptual understanding through discussion, collaboration, and practical exploration.

Honors Physics

Grade 9

1 Credit

This rigorous course provides an in-depth study of classical mechanics, energy, electricity and magnetism, waves, and introductory modern physics. Topics include Newton's laws, kinematics, momentum, work and energy, electrostatics, circuits, magnetism, wave behavior, and sound and light. Students develop strong analytical and problem-solving skills through math-based calculations, data interpretation, and formal laboratory investigations. Laboratory work emphasizes precision, measurement, error analysis, and scientific writing.

Designed for college-bound students, this course moves at an accelerated pace with greater mathematical and conceptual demand than Conceptual Physics.

Biology

Grade 10

1 Credit

This course takes students on a journey through topics such as genetics, ecology, biotechnology, and biomolecules. Through engaging lectures, interactive labs, and hands-on experiments, students will delve into the mysteries of life at the cellular and ecological levels. From observing cells under the microscope to exploring the principles of genetics and

ecology, students will gain a deeper understanding of the living world around them. With a focus on real-world applications, Biology offers students the opportunity to unlock the secrets of life and discover their place in the natural world.

Emphasis is on building foundational understanding and scientific inquiry skills with minimal mathematical demands.

Biology with an Agricultural Focus

Grade 10

1 Credit

Biology with an Agricultural Focus at Delton Kellogg Schools is a dynamic, hands-on course designed to fulfill a key science requirement and introduce students to the life sciences through an agricultural lens. Students will experience engaging investigations in genetics, ecology, biotechnology, and biomolecules, connecting biological principles to real-world agricultural examples involving plants, animals, and sustainable practices. Learning experiences include interactive lessons, laboratory explorations, and collaborative projects, allowing students to develop scientific thinking, data analysis, and experimental design skills. As a part of the CTE Agriscience Program, this course will incorporate the four pillars of CTE: lecture, lab, leadership, and work-based learning.

Honors Biology

Grade 10

1 Credit

Honors Biology immerses students in advanced exploration of genetics, ecology, biotechnology, and biomolecules. Through dynamic lectures, interactive laboratory investigations, and practical experiments, students examine life processes at the cellular, organismal, and ecosystem levels. The course emphasizes real-world applications, scientific research skills, and critical thinking, preparing students to understand the complexities of living systems and their role within the natural world. Students will engage in the scientific inquiry process, foster analytical skills, and discover connections between biology and current innovations.

Designed for college-bound students, this course moves at an accelerated pace with greater mathematical and conceptual demand than biology.

Chemistry

Grade 11

1 Credit

This phenomenon-based course introduces fundamental chemistry principles such as atomic structure, chemical reactions, solutions, and related topics through the lens of food science. Students balance equations, explore the mole concept, investigate pH and acids/bases, and examine reaction types. Laboratory activities include guided experiments, observations, and data interpretation. Students will develop a solid conceptual foundation in chemistry for everyday understanding.

Honors Chemistry

Grade 11

1 Credit

This immersive, accelerated course emphasizes the enhancement of science and engineering practices through hands-on labs and data analysis. Students will engage in modeling and experimentation to deepen their understanding of key topics such as atomic structure, periodic trends, stoichiometry, and the gas laws. Through inquiry-based learning and analysis of experimental data, students will develop critical thinking skills and mastery of scientific practices. Topics such as acids, bases, pH, and redox reactions will be explored through interactive experiments and titration exercises, allowing students to apply theoretical concepts to real-world scenarios.

Designed for college-bound students, this course moves at an accelerated pace with greater mathematical and conceptual demand than Chemistry.

Electives:

Anatomy

Grade 9-12

1 Credit

This course provides a detailed study of all human body systems, emphasizing anatomic structures alongside a fundamental understanding of physiology. Through hands-on activities including microscopy, dissections, and organ system modeling, students gain practical skills in exploring anatomical features and physiological functions. Students master essential medical terminology while learning to identify the structures of the major human body systems and describe the structures and functions of the organ systems. Anatomy is ideal for students pursuing careers in the life sciences. This course builds a strong foundation for fields such as medicine, nursing, and physical therapy.

Anatomy can be taken as a stand-alone class, but it is required for students taking Allied Health I.

AP Biology

Grade 11-12

1 Credit

This college-level course offers students a hands-on exploration of biology through inquiry-based investigations, sparking curiosity and understanding via engaging activities. Students delve into transforming bacteria to glow in the dark,

conducting gel electrophoresis experiments, exploring fluorescing chlorophyll, and investigating evolution, energetics, and information storage and transfer. Throughout the course, students spiral through key concepts such as evolution, energetics, information storage, transmission, and system interactions.

Prerequisite: Biology

Offered alternate years.

AP Environmental Science

Grades 10-12

1 Credit

This immersive course offers students a hands-on learning experience that goes beyond the classroom, utilizing our school lake and natural trails to explore the interconnectedness of the natural world. Through inquiry-based lab investigations and fieldwork, students cultivate their understanding of key concepts, including the four Big Ideas: energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability. Whether observing ecosystems in action or analyzing data collected from outdoor experiments, students gain a deeper appreciation for the delicate balance of our planet's ecosystems.

Prerequisite: Wildlife & Natural Resources or Biology (concurrent enrollment okay).

Offered alternate years.

Astronomy

Grades 9-12

½ Credit

Explore the wonders of the cosmos! This course investigates the physical laws governing the universe, from gravity and light to the formation and evolution of celestial bodies: stars, planets, galaxies, and black holes. Students examine cosmic dynamics, including orbits, supernovae, and the Big Bang, while learning to identify constellations, trace space exploration history, and discuss current astronomical discoveries (like exoplanets and dark matter). Through telescopic observations, planetarium simulations, and data analysis, students build scientific reasoning and real-world connections to the night sky. Perfect for any student fascinated by space. There is no advanced math required.

Offered during alternating years.

Forensic Science 1 and 2

Grades 9-12

½ Credit Each Semester

Explore Locard's Exchange Principle, where every contact leaves a trace, as you unravel the mysteries of scientific evidence analysis. Through engaging lectures, hands-on laboratory sessions, and simulated case studies, discover the intricacies of crime scene investigation, fingerprint analysis, blood typing, blood spatter interpretation, impression evidence analysis, including bite marks, footprints, and tool marks, as well as insect evidence and examination of questionable documents. Apply your newfound knowledge and skills to solve simulated cases, honing critical thinking and analytical abilities essential in forensic science and beyond. Engage in detailed analysis of case studies, examining real-life scenarios and applying forensic techniques to decipher evidence, reconstruct events, and draw conclusions. Whether you're pursuing a career in law enforcement or simply intrigued by the science behind criminal investigations, join us on an enthralling journey into the world of forensic science, where we unlock the secrets hidden within the evidence.

Offered during alternating years.

Farm to Table

Grades 9-11

1 Credit

Farm to Table is a comprehensive, year-long Career and Technical Education (CTE) course that explores modern food production from field to fork. This hands-on program provides students with real-world experience in both traditional agricultural production and cutting-edge controlled environment agriculture, preparing them for careers in Michigan's dynamic food and agriculture industry. Students will develop practical skills in animal science, field crop production, greenhouse management, hydroponics, and food processing while gaining essential business and entrepreneurship knowledge. The course emphasizes sustainable food systems, connecting conventional farming practices with innovative technologies to address the future of food security. This course covers agricultural science PCCs B & C.

Wildlife & Natural Resources

Grades 9-11

1 Credit

Engage in hands-on activities and outdoor studies, immersing yourself in the beauty of nature while learning about forestry management, wildlife conservation, renewable energy, ecosystems, water conservation, soil science, and fisheries management. Discover a rich array of wildlife species and their habitats, and uncover fascinating connections between agriculture and our environment. Investigate the dynamic interplay between ecosystems and agricultural practices, analyzing the factors that shape their health and resilience. Develop a comprehensive understanding of environmental sustainability and responsible stewardship of both agricultural and natural resources. Experience the thrill of exploring Michigan's wildlife while participating in the CTE Agriscience Program, which incorporates the four pillars of CTE: lecture, lab, leadership, and work-based learning.

Applied Agriscience**Grades 11-12****1 Credit**

Applied Agriscience is an independent study course designed for students seeking personalized, real-world experience in agricultural careers. This course supports students enrolled in Work-Based Learning, pursuing independently guided instruction, or taking coursework through KCC's Institute of Agricultural Technology program. Students apply agricultural concepts in authentic settings such as farms, agribusinesses, greenhouses, or industry labs while developing technical skills aligned to their individual career pathways. Learning is guided through supervised work experiences, goal setting, reflective practice, and skill assessments that connect classroom standards to industry expectations. Emphasis is placed on problem-solving, professionalism, leadership, and workforce readiness while allowing flexibility to meet each student's educational and career goals within the CTE Agriscience Program.

Prerequisites: Enrollment in the Applied Agriscience course is contingent upon successful completion of both **Wildlife & Natural Resources and Biology with an Agricultural Focus OR Wildlife and Natural Resources and Farm to Table**. Students are required to complete these two foundational courses with a 2.0 or better before registering for Applied Agriscience

Agriculture, Food, and Natural Resources Education Program (AFNRE)

Successful completion of this program requires students to fulfill three critical requirements:

- **Coursework:** Students must complete three designated agricultural courses:
 - Biology with an Agricultural Focus (grade 9-10)
 - Wildlife and Natural Resources (grade 9-11)
 - Farm-to-Table - MUST be taken AFTER the other two courses. (grade 11-12)
- **Supervised Agricultural Experience (SAE):** Students will actively participate in a work-based learning program through an approved SAE. This includes maintaining comprehensive financial and technical records in the AET record-keeping system and adhering to the formal "SAE for All" curriculum.
- **FFA Membership:** Students are required to maintain active membership in the National FFA Organization, including regular attendance at monthly FFA meetings and continuous engagement in FFA activities.

Eligibility for Post-Secondary Credits and Credentials:

Students who satisfy **all three requirements**—notably, completion of the prescribed course sequence, documentation of their SAE, and active FFA involvement—will be recognized as “completers” in the AFNRE program. Upon graduation and acceptance to the College of Agriculture at Michigan State University, eligible students will be awarded six transcribed credits. Alternatively, three transcribed credits toward the Institute of Agriculture and Technology will be available to those attending Kellogg Community College. Additional opportunities include attainment of the Michigan Farm Bureau/AET credential and progress toward the State FFA Degree.

Course Descriptions**Wildlife and Natural Resources****Grades 9-11****1 Credit**

Engage in hands-on activities and outdoor studies, immersing yourself in the beauty of nature while learning about forestry management, wildlife conservation, renewable energy, ecosystems, water conservation, soil science, and fisheries management. Discover a rich array of wildlife species and their habitats, and uncover fascinating connections between agriculture and our environment. Investigate the dynamic interplay between ecosystems and agricultural practices, analyzing the factors that shape their health and resilience. Develop a comprehensive understanding of environmental sustainability and responsible stewardship of both agricultural and natural resources. Experience the thrill of exploring Michigan's wildlife while participating in the CTE Agriscience Program, which incorporates the four pillars of CTE: lecture, lab, leadership, and work-based learning. This course covers agricultural science PCCs A & D.

Biology with an Agricultural Focus**Grade 10****1 Credit**

Biology with an Agricultural Focus at Delton Kellogg Schools is a dynamic, hands-on course designed to fulfill a key science requirement and introduce students to the life sciences through an agricultural lens. Students will experience engaging investigations in genetics, ecology, biotechnology, and biomolecules, connecting biological principles to real-world agricultural examples involving plants, animals, and sustainable practices. Learning experiences include interactive lessons, laboratory explorations, and collaborative projects, allowing students to develop scientific thinking, data analysis, and experimental design skills. As a part of the CTE Agriscience Program, this course will incorporate the four pillars of CTE: lecture, lab, leadership, and work-based learning. This course covers agricultural science PCCs B & C.

Farm to Table**Grades 9-11****1 Credit**

Farm to Table is a comprehensive, year-long Career and Technical Education (CTE) course that explores modern food production from field to fork. This hands-on program provides students with real-world experience in both traditional agricultural production and cutting-edge controlled environment agriculture, preparing them for careers in Michigan's dynamic food and agriculture industry. Students will develop practical skills in animal science, field crop production, greenhouse management, hydroponics, and food processing while gaining essential business and entrepreneurship knowledge. The course emphasizes sustainable food systems, connecting conventional farming practices with innovative technologies to address the future of food security. This course covers agricultural science PCCs B & C.

Applied Agriscience**Grades 11-12****1 Credit**

Applied Agriscience is an independent study course designed for students seeking personalized, real-world experience in agricultural careers. This course supports students enrolled in Work-Based Learning, pursuing independently guided instruction, or taking coursework through KCC's Institute of Agricultural Technology program. Students apply agricultural concepts in authentic settings such as farms, agribusinesses, greenhouses, or industry labs while developing technical skills aligned to their individual career pathways. Learning is guided through supervised work experiences, goal setting, reflective practice, and skill assessments that connect classroom standards to industry expectations. Emphasis is placed on problem-solving, professionalism, leadership, and workforce readiness while allowing flexibility to meet each student's educational and career goals within the CTE Agriscience Program.

Prerequisite: Enrollment in the Applied Agriscience course is contingent upon successful completion of both **Wildlife & Natural Resources and Biology with an Agricultural Focus OR Wildlife and Natural Resources and Farm to Table**. Students are required to complete these two foundational courses with a 2.0 or better before registering for Applied Agriscience.

Allied Health

This is a two-course program. Students enrolled in Allied Health I will also enroll in Anatomy.

Allied Health I**Grades 10-12****1 Credit**

The DKHS Allied Health Classes are designed to introduce high school students to potential career paths in the healthcare industry. It is a two-hour block class. In the first hour, students will receive an introduction to a variety of health career skills, including clinical skills, medical ethics, communication, medical terminology, emergency procedures, and many more. Students are prepared with competencies required to assist qualified health professionals in providing diagnostic, therapeutic, preventive, restorative, and rehabilitative services to patients in healthcare facilities, in homes, and in the community.

Anatomy**1 Credit**

During the second hour block of the class, students will study anatomy, examining all human body systems while emphasizing anatomic structures alongside a fundamental understanding of physiology. Through hands-on activities including microscopy, dissections, and organ system modeling, students gain practical skills in exploring anatomical features and physiological functions. While identifying anatomical structures and describing the functions of the major human body systems and their organs, students will learn medical terminology.

This program builds a strong foundation for various fields in the health sciences. Related careers include, but are not limited to, athletic trainer, biomedical science, medical assistant, physical therapist, occupational therapist, nurse, pharmacist, physician assistant, radiologic or surgical tech, and ultrasonographer.

Participation in HOSA-Future Health Professionals is strongly encouraged.

Upon successful completion of the course, students will earn certifications in:

- Basic Life Support
- First Aid
- Stop the Bleed
- Medical Terminology

In addition, they will earn 2 KCC credits for these certifications (pending approval).

Based on performance tests, students completing the program can earn industry credentials in:

- Patient Care Technician Certification
- Physical Therapy Technician Certification

Allied Health IIGrade 11-121 Credit

The Allied Health II course builds on the foundational knowledge and skills acquired in Allied Health I, offering second-year students a flexible, student-driven pathway to deepen clinical expertise, explore career options, and prepare for postsecondary success in healthcare. This capstone experience emphasizes real-world application, personalized learning, and professional readiness through a blend of classroom instruction, dual enrollment, and work-based learning opportunities.

Participation in HOSA-Future Health Professionals is strongly encouraged.
Prerequisite: Allied Health I

COMPUTER SCIENCE

Computer Science Principles Grades 10-12 1 Credit Computer Science Discoveries is an introductory course with the goal of empowering students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem-solving, and fun. Computer Science Discoveries (CSD) takes a wide lens on computer science by covering topics such as programming, physical computing, web development, design, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices. Students will have the opportunity to participate in Square One Education robotics contests.

SOCIAL STUDIES COURSE OF STUDY

Social Studies Requirements:

- All students must take US History A & B (1cr.), Government (.5cr.), Economics (.5cr.), World History (1cr.)
- AP US History, AP Macro/Microeconomics, and AP World History can be taken in place of the on-level courses.

Recommended course of study that fulfills graduation requirements and meets the State of Michigan Social Studies standards:

College Prep Panther Track:

Freshman	Sophomore	Junior	Senior
US History A & B or AP US History A & B (APUSH)	Government Economics or AP Macroeconomics or AP Microeconomics	World History A & B or AP World History A & B	Choose a social studies elective that aligns with your chosen Career Pathway.

Career and Technical Education (Trades) Panther Track:

Freshman	Sophomore	Junior	Senior
US History A & B	Government	World History A & B	No required course
	Economics		

Flexible Panther Track:

Freshman	Sophomore	Junior	Senior
US History A & B	Government	World History A & B	No required course
	Economics		

US History Grade 9 1 Credit Students will study the time period from 1876 to the present. U.S. History is a course that focuses on the people and events that have shaped the United States as well as other countries of the world. Students will be asked to study the history of the United States in a format that will ultimately allow them to critically evaluate the importance of our history both in the context of the time the history was made and in the context of how that history affects our world today and in the future.

Government Grade 10 ½ Credit Students will study the development of governments before the formation of the U.S. Constitution. They will also understand the reasons for adopting the Constitution and their roles as citizens in the U.S. This will include knowledge of the three branches of government and the division of power between the state and national government (federalism).

Economics Grade 10 ½ Credit Economics is a one-semester class designed to study the basic economic system of the United States and how that system interacts with the various other economic systems around the world. Students will gain an understanding of the concept of scarcity, the nature of production, distribution, and consumption of goods and services. Students will learn the importance of the laws of supply and demand, personal money management, budgeting, the stock market, and their participation in the U.S. economic system.

World History Grade 11 1 Credit World History is a survey course divided over two semesters. This course will cover the background and beginnings of a complex society. An important topic is the development of the world's major religions and philosophical systems and their influence on culture and history. The course will continue the study of the development of the world's cultural and political systems from prehistory to the present.

Electives:**AP United States History (APUSH) Grades 9-12 1 Credit**

This is a College Board-certified course that studies the development of the U.S. from colonization to the present. Students may be eligible to take the AP examination at the end of the year for possible college credit.

Prerequisite: Departmental approval is required for admission to this course.

AP Macroeconomics Grades 10-12 1 Credit In this course, the students study the law of supply and demand, international trade, aggregate demand, aggregate supply, Gross Domestic Product (GDP), Aggregate expenditure model, concept of multiplier, inflation, economic growth, loanable fund market, money market, fiscal and monetary policies along with the role of the Federal Reserve, banking system, international trade and exchange market. The earned credit hour in macroeconomics is accepted by almost all colleges and universities across the United States either as part of the general education requirements or is used as part of the major/minor in business, finance, accounting, and economics. If you are a senior, this course will meet the last year math requirement for high school graduation that is required by the state.

Prerequisite: Geometry or strong graphing skills.

Offered during alternate years.

AP Microeconomics Grades 10-12 1 Credit

In this course, the students study the law of supply and demand, international trade, the role of taxation, the elasticity of supply and demand, the concept of externalities, the operation of major markets of perfect competition, monopoly, monopolistic competition, and oligopoly along with concepts relating to consumption, labor market, costs for businesses and distribution of income. The earned credit hour in microeconomics is accepted by almost all colleges and universities across the United States either as part of the general education requirements or is used as part of the major/minor in business, finance, accounting, and economics. If you are a senior, this course will meet the last year math requirement for high school graduation that is required by the state.

Prerequisite: Geometry or strong graphing skills.

Offered during alternate years.

AP World History Grades 10-12 1 Credit This is a College Board-certified course divided over two semesters and will prepare students for the AP Examination in World History in May. The course will cover the continuities and changes in culture, authority, society, technology, and economics from 1200 BC to the present. Students will study the foundations of complex society, the rise of classical cultures, the increasing global connections through commerce and conquest, the emergence of the first global age and its consequences, the rise of modern states and the political hegemony of Western Europe, and the world today. Students will be instructed in the skills necessary to be successful in a history inquiry, research, essay writing, analysis and interpretation of documents, synthesis, and application of historical information to support a position.

AP U.S. Government and Politics 10-12 1 Credit This course provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

Family and Consumer Sciences Grades 11-12 ½ Credit This course teaches decision-making skills, covering various topics such as timely bill payment, job attainment, writing professional emails, and money management techniques like budget grocery shopping, meal planning, and basic home repair. Practical life skills such as folding fitted sheets, bed-making, laundry stain removal, towel, and clothing organization are included. Other topics encompass goal setting, credit, insurance, personal safety, social skills, and independent living expectations. The curriculum also expands to basic home repair and ownership skills, including reading tape measures, addressing water leaks, sink p-trap maintenance, and

electrical outlet cover replacement. Students will research personal interests and bring their findings to class. Project-Based Learning is central to the course, encouraging real-world applications and active student engagement beyond the classroom.

Psychology I Grades 11-12 ½ Credit (Psychology II is offered on page 23)

Psychology I is a class offered only to juniors and seniors. Successful completion of this class will prepare students for college-level introductory psychology classes. Topics that are covered in this class include the history of psychology and its many significant early and modern pioneers, personality theories, social and cultural behavior, thinking and intelligence, motivation, and emotion.

Ancient History Grades 10-12 ½ Credit Ancient History is a survey course that will cover the background and beginnings of a complex society. We will study the rise of civilizations in Africa, Asia, Europe, and the Americas; the classical cultures of Greece, Rome, China, and India; and the beginnings of the Dark Ages. An important topic is the development and influence of the world's major religions and philosophical systems and their influence on culture and history. Students will study the mythology of the various cultures and societies to better understand their view of their worlds. Though a World History course, the emphasis is often on how world events influence and affect western.

History through Video Grades 9-12 ½ Credit Students will observe history through video through different genres of film/types concerning major topics in World and American History. Films will help students become better problem solvers by analyzing films from different eras and viewpoints.

Current Events Grades 9-12 ½ Credit This course was designed to give students an awareness of how current events are shaped by past events and how they may impact the future. Students have the opportunity to become better, more productive citizens if they understand the role of the U.S. today as the world's remaining superpower. The activities that will help them reach this goal include individual and group oral presentations, class discussions, power point presentations with study guide questions.

Sociology I Grades 10-12 ½ Credit The problems faced by modern societies seem ever more numerous as the world's population expands and nations become more interdependent. It may appear at times that no sooner do we make progress in dealing with existing problems than new ones burst onto the scene. Issues addressed in this course are culture, socialization, crime and deviance, and family problems. This course is devoted to analyzing modern efforts to address social problems through wise policies.

Sociology II Grades 10-12 ½ Credit This course takes the concepts in sociology and applies them to prejudice and discrimination, health institutions, education, and politics. In this course, students will be expected to explain, justify, and analyze past and present factors of social change and make predictions about future events. **Prerequisite: Sociology I**

ART

Visual, Performing, and Applied Arts Requirements:

- Students must have at least 1 credit of Visual, Performing, and Applied Arts for graduation.
- These courses fulfill ½ credit of the Michigan Merit Curriculum requirement.

Drawing and Painting I Grades 9-12 ½ Credit This course helps students develop their drawing-from-observation skills and a full understanding of color theory. Emphasis will be placed upon the elements and principles of art as they apply to two-dimensional art making and criticizing. Students will broaden their aesthetic responses to historical and contemporary works of art.

Drawing and Painting II Grades 9-12 ½ Credit This intermediate-level course helps students develop their personal style of art-making while emphasizing art history and art criticism of their and others' work through the critique process. A breadth of art-making skills is explored with an emphasis on drawing and an introduction to oil painting.

Prerequisite: Drawing and Painting I

AP Art History Grades 10-12 1 Credit This course fulfills ½ credit of the Visual, Performing, and Applied Arts Michigan Merit Curriculum requirement. This College Board-certified class allows students to take the A.P. Art history examination in the spring for college credit. Students will be expected to read several books related to artists and history. Students will need to take notes (some visually) regarding slides of art history. A fee is required for the examination. **Teacher recommendation required.**

Ceramics I Grades 9-12 ½ Credit This is a course that helps students develop a basic knowledge of ceramics, including working on the wheel, hand building, and glazing. Students will gain technical skills and historical knowledge of the media, as well as make critical inquiries into the aesthetics of art-making in this media.

Ceramics II Grades 10-12 ½ Credit This is an intermediate-level course that helps students develop their wheel-throwing skills. Students will also be introduced to glaze calculation and the history of ceramics. The maintenance of the clay studio and the development of more complex functional forms becomes an area of increased interest. **Prerequisite: Ceramics I**

Computer Graphics Media I Grades 9-12 ½ Credit This introductory-level course helps students develop basic concepts of graphic design while guiding them through Adobe Photoshop, Illustrator, and InDesign to alter images, draw vector graphics, and create page layouts on the computer. Students will learn to produce work for print and web media. The history of the digital image will be emphasized as well as the technical aspects of art making in this media.

Computer Graphics Media II Grades 10-12 ½ Credit This is an advanced-level course that helps students develop concepts of graphic design while guiding them through Adobe Photoshop, Illustrator, and In Design to alter images, draw vector graphics, and create sophisticated page layouts on the computer. Students will learn to produce work for print and web media. The history of the digital image will be emphasized as well as technical aspects of art-making in this media. **Prerequisite: Computer Graphics Media I**

History of Rock and Roll (Socially and Cultural) Grades 10-12 ½ Credit This course will maintain a focus on listening to music as the main mode of understanding in its historical and social environment with maintaining a focus on listening to the music as the main mode of understanding. Through listening, analysis, discussion, music, and film students will explore the music and the culture and society of the day.

Digital Photography Grades 9-12 ½ Credit This is an introductory-level course that helps students develop basic digital photography concepts. Students will learn to produce work for print and web media. The history of the digital image will be emphasized as well as technical aspects of art-making in this media. Students will need their own digital camera. (digital DSLR helpful) This class includes a large amount of out-of-class work.

Art Portfolio Grade 12 ½ Credit This senior-level art class is held during the fall term and is for students seeking guidance and portfolio preparation for the visual arts in college. Teacher and administrative approval is required before registration.

MEDIA

Visual, Performing, and Applied Arts Requirements:

- Students must have at least 1 credit of Visual, Performing, and Applied Arts for graduation.
- These courses fulfill credit for the Michigan Merit Curriculum requirement.

Yearbook Grades 10-12 1 credit This is a full-year class that is responsible for the publication of the high school yearbook. The course will provide students with the theory of newspaper production, focusing on interviewing, correct news writing formats, headline writing, appropriate page design, photography, layout, selling of ads, and distribution. Instruction in photography and computer usage will be required of all students. Students who dislike writing are discouraged from selecting this class. Extra time outside of class will be required to complete most assignments. The class size will be limited to 12-15 students. Students must take both semesters of this class. **PREREQUISITES: Students are required to complete an application and be recommended by a teaching staff member.**

MUSIC EDUCATION

Visual, Performing, and Applied Arts Requirements:

- Students must have at least 1 credit of Visual, Performing, and Applied Arts for graduation.
- These courses fulfill ½ to 1 credit of the Michigan Merit Curriculum requirement.

High School Band Grades 9-12 1 Credit This ensemble includes marching band and concert band. We will play a wide variety of music and participate in various festivals and competitions. The band also takes at least one trip every spring. Be ready to devote time and energy to this ensemble. See the director for further information. Three years of marching band can also exempt students from the physical education requirement. **PREREQUISITE: 8th Grade Band or director's permission.**

Jazz Band Grades 10-12 ½ Credit Jazz Band is an extension of the larger ensemble experience. The jazz ensemble reflects traditional Big Band instrumentation (saxophone, trumpet, trombone, and rhythm section), but other instruments can be substituted as well. Through listening to recordings, critiquing, analyzing, discussions, and application, students will learn a variety of jazz styles found within this genre. Students will understand the history of jazz and be able to associate specific musicians with distinct types of jazz. This is a performance class; therefore, students are expected to attend all rehearsals and performances.

Music Theory Grades 9-12 ½ Credit Music theory is geared toward music students and will take them through basic music theory such as note names and treble and bass clef, rhythm patterns and time signatures, musical terms, chords, chord progressions, and intervals. It will also involve basic ear training, where students listen to a song and notate it as well as learn how to sing a basic song when only given the starting pitch. Finally, it will lead to students creating their own pieces of music and learning to use online music notation programs.

Introductory Choir Grades 9-12 ½ Credit

Introductory Choir is a performance-based course designed for high school students with little or no prior choral experience who are interested in learning to sing in a group setting. Students will develop healthy vocal technique, basic music-reading skills, and an understanding of musical elements such as rhythm, pitch, harmony, and dynamics. Emphasis is placed on proper posture, breathing, tone production, and ensemble skills while building confidence as a singer.

Students will rehearse and perform a variety of musical styles and genres and are expected to participate in concerts and performances as part of the course. This class fosters teamwork, self-discipline, and musical appreciation while providing a supportive environment for students to explore and develop their vocal abilities. No previous choir experience is required.

PHYSICAL EDUCATION

Physical Education Requirement:

- Students must have 1/2 credit of Physical Education.
- Team Activities and Fitness, Life Activities and Fitness, or Weight Training I fulfill this required credit.

The Physical Education program is for all students regardless of skill level. Evaluation of students will be based on daily requirements such as dress, punctuality, attitude, participation, and personal physical best. The evaluation may involve skill testing, fitness testing, and written exams. Exams and daily attendance can be made up through credit-catch-up forms and scheduling make-up times within one week of the occurrence.

The policies and procedures are designed to facilitate a sound educational experience in physical education through promoting the following instructional goals and standards.

- The student will apply skills and knowledge to perform in class: actively participating and preparing for lifelong physical fitness.
- The student will self-monitor and maintain a health-enhanced level of physical fitness.
- The student will identify and explain the principles of training and conditioning for specific activities.
- The student will demonstrate and perform social and personal responsibilities associated with participation in physical activity.

Team Activities and Fitness Grades 9-12 ½ Credit

Fall: The following activities will be the focus: flag football, soccer, basketball, outdoor speedball, volleyball, ultimate Frisbee, and physical fitness.

Winter: The following activities will be the focus: floor hockey, basketball, badminton, pickleball, indoor speedball, team handball, indoor Lacrosse, and physical fitness.

Spring: The following activities will be the focus: soccer, rag ball, softball, outdoor Lacrosse, handball, flag football, ultimate sponge ball/ultimate Frisbee, and physical fitness.

Note: Some activities are subject to change due to weather conditions.

Lifetime Activities and Fitness Grades 9-12 ½ Credit

Fall: The following activities will be the focus: tennis, Frisbee golf, power walking, horseshoes, bocce ball, badminton, golf, archery, and physical fitness.

Winter: The following activities will be the focus: bag-o, modified volleyball, backyard tennis, badminton/pickle ball, whiffle ball/rag ball, ultimate sponge ball, and physical fitness. **Spring:** The following activities will be the focus: archery, golf, Frisbee golf, hiking/power walking, softball, track and field, Lacrosse/field hockey, horseshoes, rag ball, bocce ball, and physical fitness. **Note:** Some activities are subject to change due to weather conditions.

Weight Training I: Foundations of Strength Training Grades 9-12 ½ Credit This course introduces students to the fundamentals of weight training and fitness. Emphasis is placed on proper form, safety procedures, and foundational techniques for developing muscular strength, endurance, and flexibility. Students will learn about basic anatomy, muscle groups, and how to create personalized workout routines tailored to their fitness goals. The **Bigger, Faster, Stronger (BFS)** program will be used to provide a structured framework for progressive strength development. The course includes bodyweight exercises, resistance training, and an introduction to weightlifting equipment. By the end of this course, students will have the skills and knowledge to participate confidently in a structured strength training program. **This course is a prerequisite for Weight Training II.**

Weight Training II: Advanced Strength and Conditioning Grades 10-12 ½ Credit

This advanced course builds upon the principles learned in Weight Training I and is designed for students ready to take their strength training to the next level. Students will explore advanced techniques such as progressive overload, periodization, and sport-specific training while continuing to use the Bigger, Faster, Stronger (BFS) program to optimize performance gains. The course emphasizes free weights, machines, and functional fitness tools. Individualized workout plans and goal setting are key components of this course. Prerequisite: Successful completion of Weight Training I

HEALTH

Health Requirements:

- Students are required to have ½ credit of Health to meet graduation requirements.

Health Grades 9-12 ½ Credit DKHS students successfully passing health in the 8th grade earn their required HS credit. This course is only for students who fail to earn credit while in 8th grade or for transfer students.

Health is a required course for all DKHS students. Successful completion of Health I is required for graduation. This course is an introduction to the major concepts of emotional/mental, physical, and social health. Foundations objectives for health include organization and time management, composition and presentation, and respect for self, others, and while in groups. These topics are introduced early in the course and continue to be underlying methods of success in Health.

Guided by National and State standards for Health and Wellness Education, the following units are covered:
Health – Alcohol, tobacco, illegal and OTC drugs, violence and bullying, nutrition and weight management, and stress management.

Health – Relationships and families, abstinence, communication skills, endocrine system and male and female reproductive systems, birth and pregnancy, sexual assault/criminal sexual conduct, CSC degrees/date rape and sexually transmitted diseases, and contraception methods.

***This is an online course through Edmentum**

SPECIAL STUDY AREAS

Academic/Life Skills Grades 9-10 ½ Credit Students will learn how to use their learning styles to tailor approaches to learning, process information more efficiently, manage time effectively, set clear and attainable goals, increase concentration, reduce stress and procrastination, read critically, take notes effectively, improve

listening skills, and preparing for current academic success and future career plans where these basic skills are essential for success. This class is for general education kids not on IEPs and will be limited to 20 students.

FPME-Future Proud Michigan Educator Grades 10-12 ½ credit Future Proud Michigan Educators is a course designed to raise student awareness of educational strategies, systems and professions. This course engages learners in a study of student identity and the ways in which those identities are developed in learning communities. Students will examine issues that affect their education, including personal and systemic influences. Through classroom assignments and clinical experiences, students will analyze teaching and learning practices as they receive mentorship. Students will use the course content and in-class learning to plan and prepare for their own educational pathways.

Senior Mentorship Grade 12 ½ Credit This course offers students a chance to become a mentor. This could be in any setting where students or teachers need assistance. You would be trained in the skills necessary to assist in that area and then assigned a small group of students to help them find success.

Pre-Requisites: 2 Teacher Recommendations (forms available in the guidance office).

Allied Health: Intro to Nursing Grades 11-12 ½ Credit The DKHS Allied Health Classes are designed to introduce high school to potential career paths in the healthcare industry. Students will receive an introduction to a variety of health career skills including clinical skills, medical ethics, human anatomy, communication, medical terminology, emergency procedures, and many more. Intro to nursing will set kids up for year 2 which could be a dual enrollment CNA Certification class or our own DKHS Allied Health II, or use as a foundation class for many other health-related careers.

EMT / KCC Dual at DKHS Grades 11-12 ½ Credit This is a KCC instructor-led dual enrollment course housed and taken here at DKHS. This course is designed to prepare the student for licensure as a Basic Emergency Medical Technician in Michigan. This course involves medical procedures and use of equipment as prescribed by the American Academy of Orthopedic Surgeons, U.S. Department of Transportation, and the Michigan Department of Health and Human Services EMS Section. Topics include legal responsibilities, anatomy, physiology, patient assessment, management of various emergency situations, extrication, and current standards for Basic EMTs in the field. This course is based on the requirements for Emergency Medical Technician training from the Michigan Department of Health and Human Services EMS Section. This course includes certification in Basic Life Support through the American Heart Association.

EMT Course Learning Outcomes:

1. Describe the roles of EMS in the healthcare system.
2. Demonstrate the professional attributes expected of EMTs.
3. Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others.
4. Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within the national scope of practice.
5. Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.
6. Identify the need for and perform immediately life-saving interventions to manage a patient's airway, breathing, and circulation.
7. Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic

injuries.

8. Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

Leadworthy Grades 9-12 ½ Credit This Course is designed to develop personal responsibility, leadership, and professional skills through explicit social-emotional participatory learning experiences. The course provides students the opportunity to develop an awareness of personal image, a healthy self-concept, and healthy relationships.

Introduction to Sports Administration 9-12 ½ Credit Introductory Sports Administration is a foundational course designed for high school students interested in the business, management, and operations of sports and athletic programs. Students will explore how athletic organizations function at the school, collegiate, and professional levels, with an emphasis on leadership, ethics, and organizational management.

Topics include event planning and game operations, budgeting and finance, marketing and media relations, facility management, risk management and safety, and the role of governing bodies in athletics. Students will also examine career pathways in sports administration and gain practical experience through projects such as planning athletic events, creating marketing materials, and analyzing real-world case studies. This course develops communication, teamwork, problem-solving, and leadership skills while providing students with a realistic understanding of how sports programs are managed both on and off the field. No prior experience is required.

BUSINESS

Students interested in Business are encouraged to pursue the Early Middle College (EMC) business path. Please see a guidance counselor for more information before your 10th-grade year.

CAREER AND TECHNICAL EDUCATION

Students whose career plans do not include a four-year college degree and plan to work in the field of manufacturing, industry, or construction trades should consider classes in industrial education. Please study the Career Pathway Panther Tracks for Engineering, Manufacturing, and Industrial Technology or Natural Resources and Agriscience for additional classes that support Career and Technical Education.

Introduction to Career Technical Education/Welding (CTE) Grades 9-12 ½ Credit In this course, students will be introduced to technical skills pertaining to Automotive, Construction Trades, and Metalworking. Students will rotate every six weeks between the three labs. Students will gain an understanding of the basic skills and procedures for each of the areas. Students will also learn the proper and safe usage of basic hand and power tools related to each “trade.” Provides basic skills and fundamental knowledge in oxy-fuel welding, cutting, brazing and plasma cutting, gas metal arc welding, squeeze type resistance welding, exterior panel welding and I-CAR welding test preparation. This course is designed for auto service and body technicians. Emphasizes safe practices in ox-fuel and specific welding processes in the automotive body repair field.

Hydraulics/Hydrostatic Transmissions Grades 9-12 ½ Credit This course provides a comprehensive study of hydraulic and hydrostatic transmissions, focusing on their principles, components, and applications. Students

will explore the fundamental concepts of fluid power, including hydraulic system design, operation, and maintenance. The course covers topics such as fluid properties, hydraulic pumps, valves, actuators, and circuit design. Special emphasis is placed on the analysis and troubleshooting of hydraulic systems, with hands-on experience in system assembly, testing, and adjustment. Through lectures, demonstrations, and practical exercises, students will develop the knowledge and skills necessary to understand, operate, and maintain hydraulic and hydrostatic transmission systems effectively.

Residential Electric Grades 9-12 ½ Credit This course provides a comprehensive overview of residential electrical systems, focusing on installation, maintenance, and safety practices. Students will learn about the principles of electricity, electrical components, and wiring techniques commonly used in residential settings. Topics include electrical codes and regulations, circuit design, grounding, and electrical troubleshooting. Hands-on training will be emphasized, allowing students to practice wiring outlets, switches, and fixtures, as well as testing circuits for safety and functionality. By the end of the course, students will be equipped with the knowledge and skills necessary to safely and effectively work with residential electrical systems.

Intro to CTE/Auto-Welding Grades 9-12 ½ Credit Introduction to Auto provides students with a foundational understanding of automotive technology, focusing on the principles, components, and systems found in modern vehicles. Students will learn about engine operation, fuel systems, ignition systems, braking systems, and electrical systems through a combination of theoretical learning and hands-on practical exercises. Emphasis will be placed on safety practices, basic maintenance procedures, and troubleshooting techniques commonly used in the automotive industry. By the end of the course, students will have gained the knowledge and skills necessary to understand the basic workings of automobiles and perform simple repairs and maintenance tasks. Provides basic skills and fundamental knowledge in oxy-fuel welding, cutting, brazing and plasma cutting, gas metal arc welding, squeeze type resistance welding, exterior panel welding and I-CAR welding test preparation. This course is designed for auto service and body technicians. Emphasizes safe practices in ox-fuel and specific welding processes in the automotive body repair field.

Advanced Auto Grades 9-12 ½ Credit Advanced Auto builds upon the foundational knowledge gained in Introduction to Auto, delving deeper into the complexities of automotive technology. Students will explore advanced topics such as engine performance, emissions control systems, computerized engine control, and advanced diagnostic procedures. The course will also cover modern automotive technologies, including hybrid and electric vehicles, as well as emerging trends in the automotive industry. Emphasis will be placed on hands-on diagnostic and repair work, allowing students to apply their knowledge to real-world automotive problems. By the end of the course, students will have developed advanced skills in automotive technology, preparing them for careers in automotive repair, maintenance, and service.

Prerequisite: Intro to CTE Auto-Welding

Construction Trades (Woods) Grades 9-12 ½ Credit Construction Trades 1 class covers all the theory and components to enter the Construction Trades class. Students will develop skills in 15 skill set areas: Cabinet construction, Building Material handler trainee, Framing Carpenter trainee, Roofer trainee, Siding Applicator trainee, Trim Carpenter trainee, Flatwork Former trainee, Flatwork Finisher trainee, Insulator trainee, Gypsum Board Hanger trainee, Drywall Finisher trainee, Painter Helper trainee, Electrician trainee, Plumber trainee, Heating and cooling trainee. Construction Trades 1 is a one-hour class designed to develop students interested in the Construction Trades field.

Construction Trades Grades 10-12 1 Credit The Construction Trades course is for two class periods and offers the opportunity for students interested in residential construction to get basic experience in the construction field while working on a house. This class simulates a job situation; the student should be willing to work hard in all types of weather and under varying conditions. The home is constructed over a two-year period. The first year is rough construction with excavation, framing, concrete work, roofing, siding, electrical, HVAC, plumbing, insulation and drywall. The second year of construction is the finish year with trim, flooring,

painting, cabinets, counter tops, decks, landscaping, electric, plumbing, and HVAC. Students could receive college credit if they attend Lansing Community College. Two semesters of this course (2 credits) taken during 12th grade fulfill your senior Math requirement in accordance with Michigan Merit Curriculum.

Intro to CTE/Metals-Welding Grades 9-12 ½ Credit This introductory course in metal shop provides students with a foundational understanding of basic metalworking techniques and safety practices. Students will learn about the properties of various metals, including steel, aluminum, and copper, and how to safely use tools and equipment such as welders, grinders, and saws. Emphasis will be placed on hands-on learning, allowing students to practice cutting, shaping, and joining metal through a series of guided projects. Additionally, students will learn about metal shop safety protocols and how to read and interpret basic metalworking blueprints. provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. This course is designed to teach students industry skills applicable to welding, sheet metal, and machining occupations. Technical Concepts and skills in this course include: shielded and gas metal arc welding, hand and power tools common in metal manufacturing, machine tool operation including automated welding machines, lathe and mill machine processes, metallurgy, and sheet metal processes.

By the end of the course, students will have gained the skills and confidence to work independently in a metal shop environment.

Advanced Metals Grade 9-12 ½ Credit The advanced metals course builds upon the foundational knowledge gained in the introductory metal shop course, delving deeper into the techniques and processes used in metalworking. Students will explore advanced metal forming methods, casting, and machining, and develop proficiency in using specialized tools and equipment. The course will also cover topics such as metallurgy, heat treatment, and welding techniques for various types of metals. Emphasis will be placed on advanced fabrication projects that challenge students to apply their skills and creativity to produce high-quality metalwork. Through a combination of hands-on projects and theoretical instruction, students will expand their understanding of metalworking processes and materials, preparing them for advanced study or professional work in the field.

Pre-Requisites: Intro to Metals-Welding

Engineering, Electronics & Robotics Grades 9-12 ½ Credit Students will learn to create technical drawings and architecture using 2D and 3D design software. They will apply design skills to build and test cars, bridges, and robots. Students will learn basic coding skills to remotely operate robots. Students will learn basic hand and power tools to build bridges and structural elements, electronic circuits, robots, and other hands-on projects.

Small Business Operations Grades 9-12 ½ Credit Students will acquire basic "hands-on skills" with a variety of hand and power tools and then design, create, market and sell their own products. Learn to produce multimedia and digital stories to advertise products.

Acquire entry level business skills that are sought by employers. Teaching: hand and power tools, wood construction techniques, silk screening and sewing, design & layout, marketing, business management, estimating, materials list, costing a project, product advertisement, digital presentations, career exploration & resumes, portfolio development.

Ignite Courses Grades 9-12 ½ Credit This program will bring hands-on training and opportunities for our kids to earn valuable industry certifications. SACA– Smart Automation Certification Alliance and MSSC–Manufacturing Skills Standards Council will both be available.

Course 1: Introduction To Advanced Manufacturing

Introduces fundamental concepts in advanced manufacturing, designed to ignite interest and develop basic skills. Technical Highlights: Smart Automation, CNC, Robotics, CAD, Additive Manufacturing, and Safety.

Course 2: Introduction To Systems

Projects applying team concepts and problem-solving to basic systems. Expands on Course 1 technical topics in Smart Automation.

Course 3: Mechatronic Systems

Projects in mechatronic systems combining computer-based controllers with electrical, mechanical, and fluid technologies. Introduces Programmable Controller (PLC) programming and applications.

Course 4: Digital Manufacturing Systems

Projects in Digital Enterprise Systems combining PLCs, Robotics, and Cloud Technologies. Introduces Networking, CAM, Cloud-Based Data Collection, and Lean Manufacturing.

Course 5: Advanced Materials & Design

A capstone course that deepens technical skills in advanced manufacturing processes, materials, and design while completing an advanced team project. Features CAD/CAM, CNC, welding, plastics, and materials engineering.

Course 6: IIoT, Data Analytics, & Networking

A capstone course that enriches technical skills in Industry 4.0 systems and the Industrial Internet of Things using managed networks, data analytics software, cybersecurity, variable frequency drives, RFID, barcodes, and smart sensors.

ONLINE SCHOOL, ONLINE LAB, CREDIT RECOVERY

We have a variety of virtual learning options for kids at DKHS. Our online school is all remote for their entire schedule, but we also offer an in person online lab that allows for credit recovery, or for students to pursue other electives of interest that we might not have available in our traditional classes. The links to those course catalogs can be found here. The platform we use

CTE & ELECTIVES ONLINE

<https://www.edmentum.com/curricula-catalog/?refinementList%5Bproduct%5D%5B0%5D=Courseware&refinementList%5Blocation%5D%5B0%5D=Michigan&refinementList%5BgradeLevel%5D%5B0%5D=High%20School&refinementList%5BcourseSubject%5D%5B0%5D=Career%20%26%20Technical%20Education&refinementList%5BcourseSubject%5D%5B1%5D=Electives>

<https://www.edmentum.com/curricula-catalog/?refinementList%5Bproduct%5D%5B0%5D=Courseware&refinementList%5Blocation%5D%5B0%5D=Michigan&refinementList%5BgradeLevel%5D%5B0%5D=High%20School&refinementList%5BcourseSubject%5D%5B0%5D=Career%20%26%20Technical%20Education>

SPECIAL EDUCATION

Special education services are offered for those students who meet State qualifications. Course selections are made under the advisement of the Special Education teachers and the student's Individualized Educational Plan (IEP). The student's IEP will determine the number of credits through the Special Education Department.

Certificate of Completion:

A student who does not meet the requirements for a Michigan high school may earn a Certificate of Completion (COC). A COC is an endorsement from the HS Principal/Superintendent in lieu of a high school diploma that allows a student to complete high school and pursue post-secondary options. To qualify for a COC a student must have an IEP or other approved circumstance, have been enrolled in a full schedule of classes, and have progressed sufficiently through their curriculum. Students that receive a COC are not included in class ranking. COC students will participate and walk during general school graduation ceremonies.

PERSONAL CURRICULUM

A personal curriculum (PC) is a tool that is provided for in Michigan Law 380.1278b that allows specific modifications to be made to certain requirements of the Michigan Merit Curriculum (MMC) in order to individualize the rigor and relevance of the educational experience. While the law specifies the areas in which modifications may be made for specific groups of students, the PC is intended to help make the MMC accessible to all students while maintaining the academic rigor required to uphold the integrity of the high school diploma. If you are interested in inquiring about a personal curriculum, please see the school counselor.

In 2006, the State of Michigan, through the legislative process, implemented the Michigan Merit Curriculum. For students with an Individualized Education Program (IEP), the IEP is used to document special education services necessary for the student to access and achieve in the Michigan Merit Curriculum (MMC). A PC can be used to modify any content within the MMC for a student with an IEP if he or she needs it in order to access and achieve in the MMC. The EDP, IEP, and PC must work together to map out an educational plan that meets the student's needs.

TESTING OUT FOR PLACEMENT

380.1279(b) The board of a school district shall grant high school credit in any course to a pupil enrolled in high school, but who is not enrolled in the course, who has exhibited a reasonable level of mastery of the subject matter of the course by attaining a grade of not less than 78% in a final exam in the course, or, if there is no final exam, by exhibiting that mastery through the basic assessment used in the course which may consist of a portfolio, performance, paper, project, or presentation. For the purpose of earning credit under this section, any high school pupil may take the final examination in any course. Credit earned under this section shall be based on a "pass" grade and shall not be included in a computation of grade point average for any purpose. Credit earned under this section may or may not be counted toward graduation, as the board of the school district may determine, but the board's determination shall apply equally to all such credit for all pupils and credit earned under this section shall be counted toward fulfillment of a requirement for a subject area course and shall be counted toward fulfillment of a requirement as to course sequence. Once credit is earned under this section, a pupil may not receive credit thereafter for a course lower in course sequence concerning the same subject area.

History: Add. 1993, Act 335, Imd. Eff. Dec. 31, 1993 Popular Name: Act 451

AWARDING OF CREDIT

380.1278(a)(4)(c) A school district or public school academy shall also grant a student a credit if the student earns a qualifying score, as determined by the department, on the assessments developed or selected for the subject area by the department or the student earns a qualifying score, as determined by the school district or public school academy, on 1 or more assessments developed or selected by the school district or public school academy that measure a student's understanding of the subject area content expectations or guidelines that apply to the credit.

ALTERNATIVE PATHWAYS TO CREDIT

CREDIT RECOVERY

Credits can be recovered through Summer School. "Recovered" means a class has been attempted unsuccessfully during the regular school day and that credit needs to be acquired by other means. Any other credits (other than recovery) earned by set alternate methods must have approval by the administration.

ONLINE CLASSES

Edmentum classes are offered at the high school. Credit is received for completion of classes (usually ½ credit). Check with the High School Guidance Counselor for enrollment information.

VIRTUAL LEARNING

Virtual Learning courses are available for credit recovery or for students who cannot achieve enough credits in the regular school day to graduate at the completion of their fourth year of high school. Expanded online learning options through Section 21f of the State School Aid Act (MCL 388.1621f), allow pupils in grades 5 to 12 to enroll in online courses where each course is capable of generating credit or a grade while being provided in an interactive internet-connected learning environment where pupils are separated from their teachers by time or location, or both. Section 21f allows pupils to enroll in up to two (2) online courses from the district or statewide online course catalog per term, semester, or trimester.

DK ACADEMY ENROLLMENT

Students who lack credit for graduation and cannot earn enough credits by their scheduled graduation date by the aforementioned options, or who, for various reasons, are no longer enrolled as full-time regular DKHS students, will be counseled to attend the DK Academy (Alternative High School). In addition, the following will be enrolled in the DK Academy:

- a "senior" with 14 or fewer credits or less than 12 total core credits required for the Michigan Merit Curriculum.
- a junior with 8.5 or fewer credits or less than 6.5 core credits required for the Michigan Merit Curriculum.

If at any point throughout the school year, a student is at risk of falling behind the required credits, the student may be required to transfer at that time to the academy. DK Academy students will not participate in the DKHS graduation ceremony but can participate in graduation with DK Academy.

OFF-CAMPUS CLASSES

Transportation is the responsibility of the student. For specific information on the various programs contact the Guidance Counselor.

BATTLE CREEK AREA MATH AND SCIENCE CENTER STUDENTS

Grades 9-12 Four-year Program Must Apply

Delton Kellogg students who attend BCAMSC for four years will earn all their Math, Science, and Computer credits at the Math and Science Center. From DKHS each student needs to earn four credits of English, three credits of Social Studies, one Fine Arts credit, one-half credit of Health, one-half credit of Physical Education, and two World Language credits.

During each academic year, students can earn three credits from DK and three credits from BCAMSC. This amounts to a total of six credits per year, resulting in twenty-four credits over four years. Four-year BCAMSC students are required to accumulate 22 credits for graduation. Of the twelve credits obtained from DK, nine must fulfill the specified required credits outlined earlier.

DUAL ENROLLMENT/OFF-CAMPUS

Students may enroll in college courses as part of their high school experience. If you wish to pursue dual enrollment, please see your counselor.

Dual Enrollment: Post-Secondary Enrollment Options Grades 10-12 1 Semester Course

Students are eligible to dual enroll if they:

- have principal approval,
 - are enrolled in at least one high school course, and
 1. show college readiness on a college entrance exam (PSAT, SAT, or ACT) by passing a sub-area of the test.
- or
2. show evidence of being “on track” for college by passing the Plan, Explore, or PSAT assessment.
- and
3. Show academic success in one of the following areas:
 - o AP courses or other advanced courses
 - o multiple teacher recommendations including a teacher in the appropriate subject area
 - o prior college success
 - o evidence of HS academic success.

Note: A Student must have evidence of either #1 or #2 and evidence of #3. The administration may waive certain eligibility requirements for KAMA and TNR and other CTE-related programs.

A course that qualifies for dual enrollment must be one which:

- is not offered by Delton Kellogg High School.
- is offered but is not available to the student because of a scheduling conflict.
- is a college-level course that the student has taken and completed at the high school level. i.e.- Anatomy & Physiology.

- is an academic course. Courses in physical education, theology, divinity, or religious education are not available through dual enrollment.

Students dual enrolling may have a portion of the costs of tuition paid for by Delton Kellogg High School provided that the total amount of tuition, and fees does not exceed the allowable amount set forth by the adjusted student foundation allowance. Students are responsible for transportation, parking costs, or any activity fees.

Any student who wishes to dual enroll must complete a Delton Kellogg High School Dual Enrollment form before taking the courses. It is understood that any course taken as part of dual enrollment will appear on the student's transcript with accompanying grades. Final grades will be included in the semester GPA, cumulative GPA, and class ranking.

If a student fails to earn credit, they will be responsible for repaying the money to the Delton Kellogg School District. Once a student fails a class, the student will have to request an administrative override to participate in future dual enrollment. Override is not guaranteed.

EARLY MIDDLE COLLEGE (EMC)

An EMC plan must be put in place by the 10th grade year.

The Early/Middle College (EMC) at Delton Kellogg High School gives students an opportunity to earn an associate degree or certificate along with their high school diploma. Students will be able to save both time and money as they pursue a college degree. Be aware, they will have an additional year of high school (13th grade) to complete their college program at Kellogg Community College.

The EMC is structured so that students gradually increase their exposure to college courses over five years. Initially, (9th grade) all the students' schedules will be comprised of traditional high school classes. As students progress through their educational plans, they will be exposed to more college courses. By the time they reach the 13th grade, all their coursework will likely be on-site at the college campus. Students in the EMC program will receive support services to assist them in their transition from high school to college. EMC expands on dual enrollment and puts students on a specific career path that leads to certifications, degrees, and job training.

EMC is only available for the following 3 program tracks at DKHS: Nursing, Computer Programming, and Business Management. If a student chooses EMC, they are making a commitment to a specific program track in the 5th year of high school, which will consist of college coursework taken at KCC.

Students who consider the EMC must be willing, motivated, and up for the challenge to perform successfully at the college level. In addition to the college coursework, students must successfully complete all of the requirements of the Michigan Merit Curriculum by the end of their 4th year of high school. However, many of the EMC courses they will take within their program can count toward MMC completion. Successful students will walk at the graduation ceremony after their 4th year of high school but will not receive their diploma until the end of their 5th year.

EMC at Delton Kellogg will only be available with Kellogg Community College. There will be times that KCC will offer needed courses in Hastings at the Fehsenfeld Center as well as their main campus in Battle Creek. Students will need their own transportation to those college campuses.

The following is a link to Early Middle College FAQs that can give more details and answer many of the questions you may have about EMC. www.michigan.gov/documents/mde/EMC_FAQs_634735_7.pdf

WORK BASED LEARNING

Work-Based Learning is a program to provide students with a planned program of job training and other employment experiences related to a chosen career. It also allows students to participate in career awareness, career exploration, and career preparedness opportunities that are connected with their work readiness goals. Students who are enrolled in state-approved CTE programs are required to participate in work-based learning initiatives prior to becoming a program finisher.

According to the Michigan Department of Education, there are six major recognized types of work-based learning experiences for secondary students in Michigan, as well as an additional school-related component, regarding the employment of minors as follows:

1. student/visitor,
2. volunteer,
3. work-based learning non-CTE programs (paid and unpaid student learner),
4. work-based learning state-approved CTE programs (paid and unpaid student learner),
5. in-district/in-school placement (unpaid student learner), and
6. minor employee with a work permit.

Depending on the type of learning experience, the pupil might be engaged for one hour, one day, one semester, or even one year in length. The learning experience may be paid or unpaid, serves all students, and can be an in-school or out-of-school placement.

At DKHS our WBL program could follow any of the above 6 placement options with prior approval and proper documentation. Student placement will need to align with EDP goals and the job site will have training and documentation requirements. Students will earn credit in most WBL placements offered at DKHS.