

# 2023 2024

## Course Registration Guide Grade 9



Duluth Denfeld High School  
Duluth East High School  
Academic Excellence Online

ISD  
709 **Duluth**  
6 Public Schools



**ADDITIONAL INFORMATION**

[www.isd709.org/for-new-families/how-to-enroll](http://www.isd709.org/for-new-families/how-to-enroll)



**REGISTER ONLINE**

[www.isd709.org/for-new-families/how-to-enroll](http://www.isd709.org/for-new-families/how-to-enroll)



**Ninth Grade Registration Guide**

***This is the condensed version of the High School Registration Guide. This includes course names, numbers, and descriptions.***

February 2023

Dear Duluth Public School Students and Families,

Duluth Public Schools believes that the desired daily experiences of our students are at the heart of our district's purpose. We recognize that students have unique needs and interests that will lead to a future career path of their choosing. This course catalog provides an opportunity for students to explore those needs and interests.

The registration process is an important part of planning for the future. You have the opportunity to choose a career or educational pathway as a stepping stone to postsecondary options. As you choose your classes, please remember to discuss your choices with your family and ask your counselor and teachers for advice. The registration guide has been designed to assist you in the registration process and help you plan your high school career. Review carefully the course requirements for graduation; examine, as well, your interest and future plans; and then select courses that will contribute to the realization of those plans.

Students will be pre-registering in March for the upcoming school year. You should be fairly certain of what electives you want to take because the master schedule will be built based on the preregistration requests. Classes will only be made after all students have registered.

Like past years, the course catalog and supplement is combined so all registration information is in one location. Our course catalog can also be found online:

<https://www.isd709.org/departments/curriculum-and-instruction/registration-guides>

It may seem like graduation is a long way off, but before you know it we'll be celebrating all of your efforts and accomplishments as a graduate of Duluth Public Schools.

Sincerely,



Jennifer Larva  
Director of Secondary Education  
Department of Teaching, Learning, and Equity



Dale Uselman  
Curriculum Coordinator

# Duluth Public Schools

*Duluth Public Schools works to inspire every student to achieve their potential and prepares students to lead productive, fulfilling lives as citizens of Duluth and the wider world.*

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## DISTRICT ADMINISTRATION

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**John Magas**  
Superintendent

**Anthony Bonds**  
Assistant Superintendent

**Jennifer Larva**  
Director of Secondary Education

**Jason Crane**  
Director of Special Services

**Dale Uselman**  
Curriculum Coordinator

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## HIGH SCHOOL ADMINISTRATION

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**Nathan Glockle**, *Principal*  
Academic Excellence Online

**Tom Tusken**, *Principal*  
**Joanna Sackette**, *Asst. Principal*  
**Eric Stang**, *Asst. Principal*  
Denfeld High School

**Danette Seboe**, *Principal*  
**Jon Flaa**, *Asst. Principal*  
**Kyle Rock**, *Asst. Principal*  
East High School

# CONTACTS - PRINCIPALS, COUNSELORS, AND COUNSELING OFFICES

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### **Counseling Office Registrar**

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# MINIMUM GRADUATION REQUIREMENTS

*Class of 2024: minimum credits needed to graduate - 21.5*  
*Class of 2025 and beyond: minimum credits needed to graduate - 22.5*

<b>English Language Arts</b> 4.0 credits	<b>Social Studies</b> 3.5 credits	<b>Math</b> 3.0 credits	<b>Science</b> 3.0 credits	<b>Arts</b> 1.0 credit	<b>Health</b> .5 credits	<b>Physical Education</b> .5 credits	<b>Elective</b> 6.0 credits class of 2024, 7.0 Class of 2025 and beyond.
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Required Credit Courses	Credit	Required Credit Courses	Credit
<b>◆English Language Arts Course</b>		<b>◆Mathematics Courses</b>	
English 9	1.0	Intermediate Algebra	1.0
English 10	1.0	Geometry 9 or Geometry	1.0
English 11	1.0	Algebra 2 or Algebra 2 Concepts	1.0
English Elective	1.0		
<b>◆Social Studies Courses</b>		<b>◆Science Courses</b>	
Civics in Global Society	.5	Physical Science9/Earth Science 9 Integrate	1.0
United States History	1.0	Biology	1.0
World History or Int'l Studies (Grade 11)	1.0	Chemistry, Physics, or Aerospace Physics	1.0
Economics (Grade 11 or 12)	.5		
American government and Politics (Grade 12)	.5	<b>Physical Education Choice</b>	<b>.5</b>
<b>◆Health Courses</b>		<b>◆Arts</b>	
Health	.5		1.0
<b>◆Minnesota Graduation Requirements</b>		<b>Elective Courses</b>	
		Class of 2024	6.0
		Class of 2025 and beyond	7.0

Most content areas have options available for alternative and advanced courses, for complete options go to the [Course Description section](#).

**What I Need (WIN)** is a 30-minute time period which is part of each student's school day. Every Monday, students schedule themselves for the remainder of the week into offerings according to their needs. Teachers and other school staff may also schedule students into WIN. WIN is a required part of every student's day and passing the course adds .25 elective credit to each student's transcript.

## SAMPLE FOUR YEAR GRADUATION PLAN

*Class of 2024: minimum credits needed to graduate - 21.5*

*Class of 2025 and beyond: minimum credits needed to graduate - 22.5*

<b>Length of Courses - one full year course = 1 credit Semester course = .5 credit</b>	
<b>Note - some Career and Tech Courses and Special Ed Courses are block courses and require two hours</b>	
<b>Grade 9</b>	<b>Grade 10</b>
English (Full Year) Math (Full Year) Physical Science 9 (Full Year) Civics in a Global Society (Semester) PE (Semester) Art or Music (Check with course catalog for credits) Elective WIN Period	English (Full Year) Math (Full Year) Biology (Full Year) US History (Full Year) Health (Semester) and Elective (Semester) Art or Music (Check with course catalog for credits) Elective WIN Period
<b>Grade 11</b>	<b>Grade 12</b>
English 11 (Full Year) Math (Full Year) Chemistry or Physics or Aerospace Physics (Full Year) World History or International Studies (Full Year) Elective Elective WIN Period	English Elective (May include two semester courses) Government and Economics (Full Year) Elective Elective Elective Elective WIN Period

## PATHWAY FOR COURSES

### English Language Arts

Four Credits of English Language Arts, including one year of an elective, are required for [graduation](#) from high school in Minnesota. Additional language arts courses are available for students with Individualized Education Plans (IEP's) and in the credit recovery programs. Contact your case manager or high school counselor for further information.

<b>9th grade</b>	<b>10th grade</b>	<b>11th grade</b>	<b>12th grade</b>
English 9 Or Honors English 9	English 10 Or Honors English 10	English 11 Or Honors English 11 Or AP Language and Composition	<b>English Elective</b> <b>1 credit needed from this category</b> Values in Literature, Drama as Literature, Grammar and Composition, Creative Writing, Interpersonal Communications, Public Speaking, AP Literature and Composition, or College Composition

## Math

Three credits of Math are required for [graduation](#) from high school in Minnesota. Students must complete Intermediate Algebra, Geometry, Algebra 2 or its equivalent as part of the three (3) credit requirements. For requirements for entrance to postsecondary schools, consult the institution of choice. For students with Individualized Education Plans (IEPs) and in credit recovery programs, contact your high school counselor and/or case manager for further information.

8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Intermediate Algebra	Geometry 9	Algebra 2	CITS Precalculus (prerequisite for AP (CITS) Calculus) Or Probability and Statistics	AP (CITS) Calculus Or CITS Precalculus

Or

9th Grade	10th Grade	11th Grade	12th Grade
Intermediate Algebra	Geometry	Algebra 2 Or Algebra 2 Concepts	CITS Precalculus Or Probability and Statistics

## Science

Three (3) credits of science, including Physical Science, Biology and EITHER a Physics or Chemistry course credit are required for high school [graduation](#) in Minnesota. Additional science courses are available to meet graduation requirements for students. With Individualized Education Plans (IEP's) and in the credit recovery programs. Contact your high school counselor and/or case manager for further information.

9th Grade	10th Grade	11th Grade and/or 12th Grade
Physical Science 9/Earth Science <b>(required)</b>	Biology 10 General or honors <b>(required)</b>	Chemistry or Physics or Aerospace <b>(1 Credit is required from the category of Chemistry or Physics or Aerospace)</b> Includes: Introductory Chemistry, Chemistry, CITS Chemistry, Introductory Physics, Physics, CITS Physics or Aerospace Physics.  ----- <b>Additional elective options:</b> Anatomy Physiology General or CITS, Forestry, Fish and Wildlife, Plant Science - Plant Science Greenhouse 1, Plant Science Greenhouse 2

## Social Studies

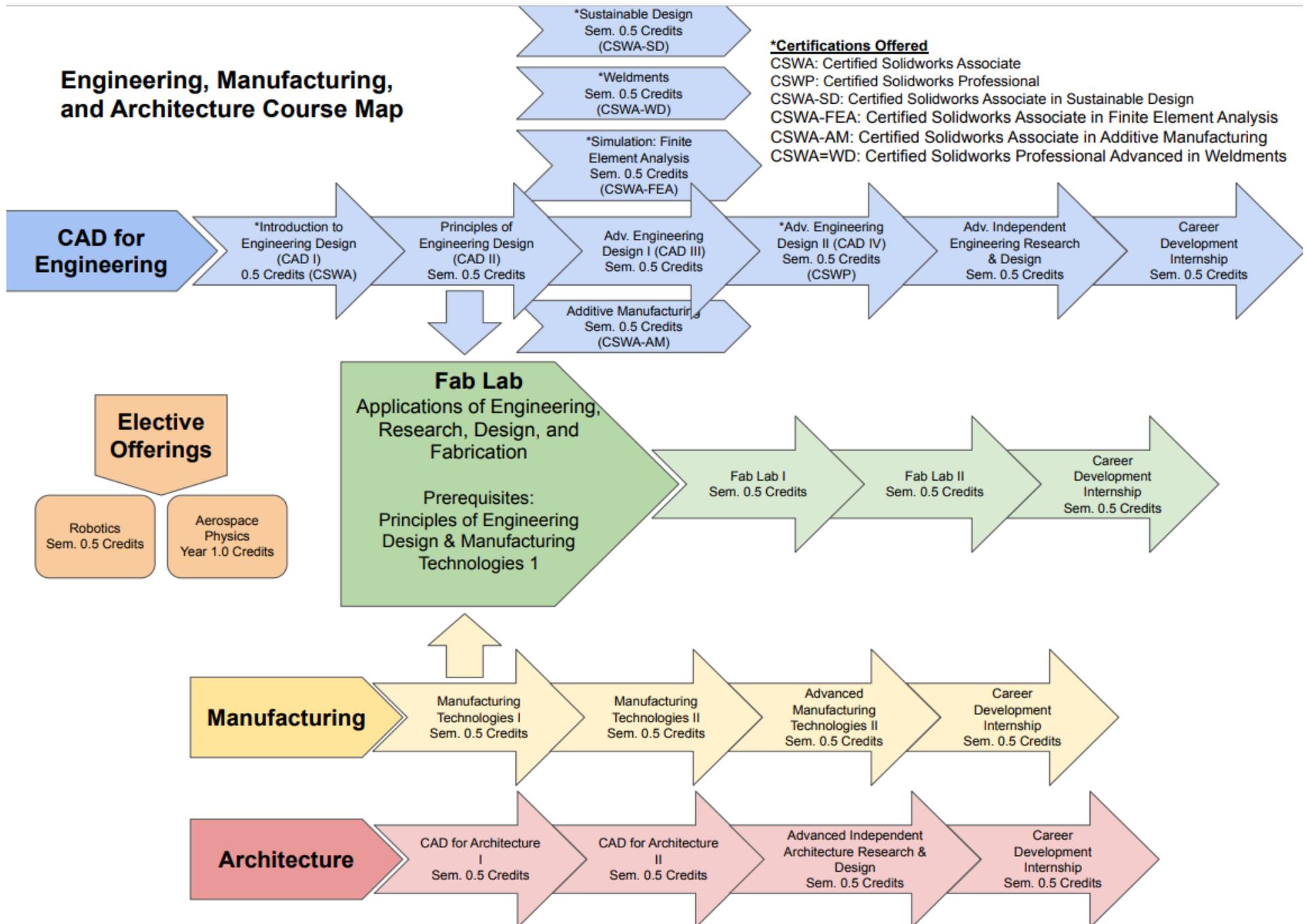
Three and a half credits in Social Studies are required for high school [graduation](#) in Minnesota.

<i>9th Grade</i>	<i>10th Grade</i>	<i>11th Grade and/or 12th grade</i>
Civics In Global Society	United States History or Advanced Placement United States History	International Studies, World History, or Advanced Placement World History  Economics or CITS Economics American Government and Politics or CITS American Government and Politics

### Engineering, Manufacturing, and Architecture (Course map on next page)

Engineering programs offer students an array of advantages, from career readiness and hands-on experience to college preparatory level classes, labs, and creative exercises. Highest standards for rigorous, focused, and engaging study, and develop students' innovative, collaborative, cooperative, and problem-solving skills are established for our students. Through relationships with teachers, parents, local and national business leaders, and university partners allow us to offer a complete experience both for students wishing to pursue a secondary degree in a STEM related field and for those planning to join the workforce after high school.

# Engineering, Manufacturing, and Architecture Course Map

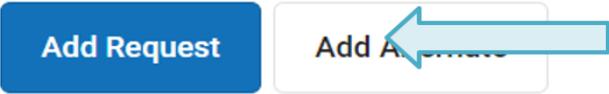


# HOW TO REGISTER FOR COURSES

**2023-2024 School Year - registration closes on 3/24/23**

New students to Duluth Public Schools will need to enroll before you can register.

To enroll - Visit [Duluth Public Schools](#) - How to enroll:

<p>1. <b>Log into Infinite Campus Student/Parent Portal</b> and check for announcements. Click the three bars at the top of the screen and you will see the 'More' button.</p>	
<p>2. Select "More" at the bottom of the screen.</p>	
<p>3. Find and select "Course Registration".</p>	
<p>4. Under Course Registration Enrollments, select the high school you are currently attending either "23-24 East HS" or "23-24 Denfeld HS". <i>Important for AEO course registration, you will need a separate enrollment form.</i></p>	
<p>5. Under Course Requests, select "Add course" to begin selecting courses. (At any time you want to review, use the back arrow.)</p>	
<p>6. Using your registration worksheet, begin typing in a course name. As you begin typing, the course name of the course you have selected. A list of courses that match your typing will show all courses available.</p>	
<p>7. After the course appears in the list of courses, you may select the plus action symbol to add the course to your requests. You may also click on the gray arrow to view the course description.</p>	
<p>8. As you are selecting courses, note that some courses have the prefix AEO - these courses are for Academic Excellence Online. The enrollment process can be found at: <a href="https://www.isd709.org/aeo/aeo-enrollment-forms">https://www.isd709.org/aeo/aeo-enrollment-forms</a></p>	
<p>9. After you have chosen the course, you will be asked if you would "like to add this course as a Request or an Alternate". Select "Request" to add this to your requested courses for the next school year.</p>	

10. Repeat these steps until you have recorded all your selections; be sure to request both semesters of a year-long class! For reference semester 1 will end in a 1 and semester 2 in a 2. Example English 9, 13001 is semester 1, English 9, 13002 is semester 2. Continue to add until you reach a minimum of 24 units or a maximum of 28.

English 9  
13002 ←

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English 9  
13001 ←

11. Check the “units” you have registered for to be sure you have at least 24 units and no more than 28 units. When you have registered for a full 6 period schedule, the progress bar will indicate that you are 86% complete. If you have selected Zero Hour courses in addition to a full 6 period schedule, the progress bar will show 100% complete with 28 units reflected.

79% complete Units: 22/28

12. To return to view a list of all added courses, select the back button above your progress bar.



13. Review your Course Requests to ensure that all of your course selections appear and are correct.

+	(CITS) Human Anatomy & Phys 22292	2	>
+	(CITS)* Physics 223102	2	>
+	(CITS)* Physics 22311	2	>
×	Aerospace Physics 222941	2	> ALT
+	Aerospace Physics 222942	2	>
+	Human Anatomy & Physiology 222301	2	>
+	Human Anatomy & Physiology 222302	2	>
+	Introductory Physics 222951	2	>
+	Introductory Physics 222952	2	>
+	Phy Sci 9/Earth Sci 9 Integr 220001	2	>
+	Phy Sci 9/Earth Sci 9 Integr 220002	2	>
×	Physics 223001	2	> REQ
×	Physics 223002	2	> REQ

14. You are strongly advised to request alternate courses. These courses will be added to your schedule in the event your first-choice class is canceled or is full. If you do not list alternate courses, and a class is canceled or closed, you will receive a study hall. To request Alternate Courses, follow the previous steps to add a course, and then click on “Alternate”.

You are strongly advised to request alternate courses. If there is an event where your first choice is not available, if not alternate is chosen, you will be placed in a study hall.

×

Aerospace Physics  
222941

ALT

15. **YOU ARE DONE!** There is no “SAVE” button, so you can log out now.

- Once the registration window closes, you will not be able to see your requests.
- Requests will automatically be saved in Infinite Campus until the window closes.
- Print or email a copy of your summary of courses.
- Share with your parent or guardian the requests by logging into Infinite Campus or sharing the saved copy.

**Note:** Once registration window closes, you will not be able to see your requests. There is no ‘Save’ button; your requests will automatically be saved in Infinite Campus. If a printer is available, you may “PRINT”. If a printer is not available, make a screenshot and save on our computer.

## CHANGING YOUR SCHEDULE

*All reasonable attempts will be made to grant requests for courses. Alternatives will be used if necessary. It is important to note that schedule conflicts are different from student or parent-initiated requests for schedule changes*

### **Requests - Schedule Changes**

#### **Reasons allowed for schedule changes:**

- There is a gap in the student's schedule and/or the student is registered for two classes in the same hour.
- The student didn't register for a class required for graduation.
- There was an error and a student was placed in a class that was not requested.
- The student is scheduled for the same class twice.
- The student failed a class and needs to repeat the course.

#### **Schedule changes will **NOT** be approved if:**

- The student is trying to re-arrange their schedule to be with friends or a different lunch.
- The student is requesting a different teacher (unless the student failed a class with that teacher previously).
- The student is trying to re-arrange for early release or late start (seniors only).
- The student changed their mind about what was requested at registration.

#### **Adding classes will only be considered for the following reasons:**

##### **Students are allowed four days for adding a new class without penalty.**

- A class is offered in an hour that a study hall has been scheduled.
- There is room in the course.
- If your schedule changes meet any of these criteria, the change request form, available in the counselor's office, should be filled out completely including any required signatures. Students who need to see

a counselor should do so before school, during lunch or study hall, or after school. All final decisions on next year's course requests need to be resolved with the counselor prior to the end of the school year.

### **Dropping Classes - Policy**

**Semester Courses** (i.e. Health, Physical Education, Psychology): Students will have **ten school days** after the start of first grade period to drop without penalty.

**Sequential/Year-long Semester Courses** (i.e. English 10, Geometry, United States History, Biology, Mathematics):

- **First Semester** - Students will have **ten school days** after the start of the first grade period to drop without penalty.
- **Second Semester** - Students will have **ten school days** after the start of the second semester to drop a second semester class without penalty.

Students who choose to drop a class after the above-mentioned timelines would have as part of their transcript a record of their credit(s) attempted and credits earned. Example: If a student drops a class after the deadline, regardless of the grade earned at the time, the student will receive no credit and will receive a grade of "I". The grade point average will be permanently affected since this would be a credit attempted, but no credit earned.

**NOTE:** The current policy relative to removing a student from a class due to lack of attendance remains in effect. That is, any student removed from a class due to excessive truancies or absences will receive no

credit and a permanent "I" grade. The grade point average will be permanently affected since this would be credit attempted, but no credit earned. (Information can be found on excessive truancies or absences in the [Family and Student Handbook](#).)

### **Repeating Required Course**

Repeating a course for credit refers to a high school course repeated via any delivery model, this includes online and seat based. Repeating **required** courses will only be allowed if a student receives a failing grade in that course. Students who have earned a grade of D or better in a course may repeat a course, but may not earn additional credit toward graduation *by* repeating the course. Students who repeat the course and earn a passing grade forfeit the credit previously earned. Students who repeat the course and then earn an F *do* retain credit earned from the previous attempt. In both cases, a student who fails a course may retake the course.

### **Repeating Elective Courses**

**Elective** courses may be repeated for **additional credit as long as a different curriculum is provided to the student**. An example would be a course where students are expected or could enroll in a class on a continuing basis with additional new curricular content, and the use of the same course number is recurring. The repeatable courses are identified with the icon in the course description. Additional credits may be earned for repeatable courses, examples of repeatable courses: Advanced Band, Personal Fitness 2, and Career Development Internship.

## ONLINE OPTION TO RECEIVE HIGH SCHOOL CREDIT

### Academic Excellence Online (AEO)

- AEO is Duluth Public Schools' state approved online high school.
- Students may enroll full-time or part-time if sharing enrollment with any other public high school in Minnesota.
- Most core courses are approved by the NCAA to meet eligibility requirements.
- Some AP and CITS courses are available
- Students should provide their own device and internet access.
- AEO curriculum is current, relevant, engaging and created by Duluth Public Schools teachers.
- Instructors are easily accessible
- Online education allows students and families more flexibility
- Special Education Assistance is available
- [Click here for more details](#)

## KEY FOR COURSE DESCRIPTION

### **AEO** Also Available through Academic Excellence Online (AEO)

Online high school is an option for students and families who desire a bit more flexibility in their schedule. Online learning provides a unique way for students to continue, expand or enhance their education. Online learning offers students the ability to engage in learning opportunities they have not had access to before. Students can advance their education through one of the most up-to-date and compliant online high school programs in the state that is offered through the Duluth Public Schools. Students benefit through a personalized, relationship-based, and interactive online academic experience. These courses meet MN State Standards.

### **CTE** Career and Technical Education (CTE)

Career and Technical Education (CTE) programs are a sequence of courses that integrate core academic knowledge with technical and occupational knowledge and skills to provide students a pathway to postsecondary education and careers. CTE teaches transferable workplace skills in applied learning contexts to provide opportunities to explore high-demand career options, and gives students the technology and skills needed for success in adult life.

### **REPT** Repeatable Courses

**Elective** courses may be repeated for additional credit as long as a **different curriculum** is provided to the student. An example would be a course where students are expected or could enroll in a class on a continuing basis with additional new curricular content, and the use of the same course number is recurring. The repeatable courses are identified with the icon in the course description. Additional credits may be earned for repeatable courses. Examples of repeatable courses: Introduction to Foods, Introduction to Cooking, Advanced Drawing and Painting, Advanced Ceramics and Sculpture, and most music courses.

## Course Names, Numbers, and Descriptions for 9th Graders

### ART

#### 100000 Art Across Mediums

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

*Also available through AEO*

Design and create artworks with a variety of mediums, such as jewelry, cartooning, printmaking, stained glass, book arts, fibers, digital design, set design, and airbrush. Each unit will focus on a unique creative process through historic/cultural contexts and design principles.

#### 101000 Drawing and Painting 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

Develop and improve your drawing and painting abilities for fine art or commercial design applications. Learn skills for drawing from direct observation and imagination and build understanding of design principles, visual literacy, color theory, and critical thinking. Design concepts are explored through a variety of media, such as pencil, charcoal, pastel and ink, watercolor, acrylic, collage, digital media, mixed media, and airbrush.

#### 101100 Advanced Drawing and Painting

**Prerequisite:** Drawing and Painting 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**REPT**

Expand your skills and develop your personal style for a range of functions, from narratives to creative applications for personal expression or commercial use. Students contract individually to research, plan, and design independent works of art within the context of the core class.

*Drawing and Painting cannot be taken concurrently with Advanced Drawing and Painting.*

#### 101300 Art of Photography and Cinematography 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**REPT**

Develop and demonstrate photography and composition skills through a variety of design themes, building digital photography/editing skills on a foundation of film and paper processes. Explore color imaging through print and media. Explore the evolution of still to moving images through animation and cinematography, practicing

composition through camera movement, point of view, and digital video editing.

#### 101400 Advanced Art of Photography Cinematography

**Prerequisite:** Art of Photography and Cinematography 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**REPT**

Students continue to hone their behind-the-lens skills through photography and cinematography, using a variety of photography, animation and cinematography skills with digital editing tools. This course emphasizes individual creativity in both artistic and commercial media design, while students study photographic and cinematic artists and careers based on arts standards objectives.

*Advanced Art of Photography and Cinematography cannot be taken concurrently with Art of Photography and Cinematography 1.*

#### 101600 Ceramics and Sculpture 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

Clay handbuilding and wheel-throwing skills, as well as glazing and clay decorative techniques, provide students with basic skills that carry into ceramics, sculpture and mixed-media work for both utilitarian and artistic purposes.

#### 101700 Advanced Ceramics and Sculpture

**Prerequisite:** Ceramics and Sculpture 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**REPT**

Students work independently in areas such as handbuilding and wheel throwing in clay, and a variety of mediums in sculpture. Students design and create more challenging pieces, developing personal style through individual student preferences and ideas.

*Advanced Ceramics and Sculpture may not be taken concurrently with Ceramics and Sculpture 1.*

#### 101900 Stained Glass, Metals, and Fibers 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

Design and create works of art with a variety of techniques with contemporary and historic crafts such as mosaic, etchings, glass fusing, windows, tooled metals, jewelry, weavings, and casting.

### **102000 Advanced Stained Glass, Metals, and Fibers**

**Prerequisite:** Stained Glass, Metals, and Fibers 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**REPT**

Develop personal style, sharpen your skills, and use a range of technologies for a more in-depth exploration of these traditional and fine craft forms.

*Advanced Stained Glass, Metals, and Fibers may not be taken concurrently with Stained Glass, Metals, and Fibers.*

## **BUSINESS/MARKETING COMPUTERS**

### **114100 Introduction to Marketing and Business**

**Grade(s):** 9-12

**Credit:** .5 Semester

**Term(s):** 1 or 2

**CTE**

Marketing and Business involves the many activities needed to get products/services from producers to consumers. It's one of the most exciting and vital career areas you could ever explore. This class is a must for all students who plan on succeeding in our very competitive Free Enterprise System. Students will be exposed to Marketing/Business, Economics and Human Relations. Activities will help students apply all of the marketing and business functions and relate them to any career opportunity. In addition, you will learn advanced skills in locating, applying for, and keeping a job.

### **114200 Sports and Entertainment Marketing**

**Prerequisite:** Introduction to Marketing and Business

**Grade(s):** 9-12

**Credit:** .5 Semester

**Term(s):** 1 or 2

**CTE**

The marketing and business field is seeing exponential growth in the sports and entertainment industry. Now a \$500 billion industry, the sports and entertainment industry has become a dominant presence not only in the U.S., but also in the rest of the world. The sports and entertainment industry encompass everything from digital communications to personal service and sales. Students will learn the fundamental principles and concepts identified with sports and entertainment marketing, and develop skills through marketing research and actual industry-based projects. Students will also have the opportunity to plan, implement and evaluate school and community sports and entertainment marketing practices and strategies.

*This course can be taken concurrently with Introduction to Marketing and Business.*

### **114300 Business Management, Leadership, Coaching**

**Prerequisite:** Introduction to Marketing and Business

**Grade(s):** 9-12

**Credit:** .5 Semester

**Term(s):** 1 or 2

**CTE**

Marketing and Business Management gives students insight into the characteristics, organization, and operation of business, management and leadership. This class will give any student, whether planning to go on to school or work after graduation, the edge in the job market. To be successful in the global and diverse workplace, students must develop communication, human relations, self-management, and workplace enhancement skills. More than ever before, merely being technically competent is not sufficient.

*This course can be taken concurrently with Introduction to Marketing and Business.*

### **114400 Starting Your Own Business-Entrepreneurship**

**Prerequisite:** Introduction to Marketing and Business

**Grade(s):** 9-12

**Credit:** .5 Semester

**Term(s):** 1 or 2

**CTE**

An Entrepreneur is a person who attempts to earn a profit by taking the risk of operating their own business enterprise. Thousands of people become entrepreneurs each year. They start their own businesses from scratch, buy existing businesses, or buy franchised business; if they are successful in providing products and services to consumers at a profit, they will build rewarding careers for themselves as entrepreneurs. This class will help you understand what it is like to be an entrepreneur and what is involved in starting a business. Economics will be emphasized in this class.

## **EDUCATION**

### **201400 Child Development/Child Psychology**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**CTE**

In this course, students will develop knowledge and understanding in guiding the growth and development of children ages zero-six. Students will explore concepts of human growth and development influences and analyze the effect on a child's emotional, physical, social, and cognitive growth. This course is designed for students to explore careers that involve working with young children and is strongly recommended for those students considering pursuing careers involving young children.

Part of the class experience will include working with young children in the community. These skills will help prepare students for future employment and will provide valuable training for various careers (i.e. summer camp counselor, recreational director, education and human services).

## ENGINEERING AND INDUSTRIAL TECHNOLOGY

### **121211 Introduction to Engineering Design (CAD)**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

#### **CTE**

*Opportunity to earn the Certified SolidWorks Associate (CSWA) certification.*

This course is a single semester introduction to engineering design concepts for students who would like to explore the Engineering Design program without the need to commit to a full year course. It also affords students who may not be able to fit a full-year course into their schedule the ability to get started on the Engineering Design pathway. Students learn about the engineering design process and parametric 3D modeling through the use of SolidWorks industry leading Computer Aided Drafting (CAD) software. Students who complete this course can continue on to Principles of Engineering to complete the prerequisite for advancement in the Engineering Design sequence as well as the Fab Lab courses. It is recommended for any students interested in exploring the engineering profession or who plan to pursue a career in engineering, design, technical illustration, 3D printing, machining, or other technical fields.

### **121502 Principles of Engineering**

**Prerequisite:** Introduction to Engineering Design

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 2

#### **CTE**

*Opportunity to earn the Certified SolidWorks Associate (CSWA) certification.*

Principles of Engineering Design builds off the skills learned in Introduction to Engineering Design. Students continue to develop their understanding of engineering concepts and proficiency using SolidWorks state-of-the-art Computer Aided Drafting (CAD) software. They learn to create assemblies, to read and prepare drawings found in manufacturing and engineering industries, and begin to explore more advanced CAD techniques like stress analysis and motion studies. This course fulfills the prerequisite for advancement in the Engineering Design sequence as well as the Fab Lab courses. It is recommended for any students interested in pursuing a

career in engineering, design, technical illustration, 3D printing, machining, or other technical fields.

### **124101 Manufacturing Technologies I**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1

#### **CTE**

In this course, students are introduced to the tools, materials, techniques, and skills that are found in manufacturing industries. Students will learn about the processes, procedures, and safety for taking raw materials into a finished manufactured product. Students learn to operate drill presses, table saws, miter saws, circular & belt sanders, grinders, planers, jointers, scroll saws, and band saws as well as many other hand tools. Students learn to etch designs into parts using the Epilog Helix Laser machine. Projects will focus on fabricating parts and products while working with metals, woods, and plastics. This course is one of the prerequisites for the Fab Lab pathway. It is recommended for students wishing to pursue a career in manufacturing, woodworking, design, construction, or building trades.

### **124102 Manufacturing Technologies II**

**Prerequisite:** Manufacturing Technologies I

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 2

#### **CTE**

In this course, students continue to explore techniques and skills found in the manufacturing industries that they started in Manufacturing Technologies I. Coursework will focus more heavily on precision machining as students learn to use a vertical mill. Students will work with a wide range of materials including wood, aluminum, steel, acrylic, HDPE, UHMW and other plastics. They will learn about the processes, procedures and safety for taking raw materials into finished manufactured products. This course is recommended for students wishing to pursue a career in manufacturing, machining, construction, or building trades.

### **122101 CAD for Architecture I**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1

#### **CTE**

This course is intended specifically for students interested in pursuing a career in an architectural field. Students are introduced to Revit Architectural design software where they learn to prepare various types of drawings found in the architectural drafting industry. Students learn about the composition of a typical structure while creating detailed working drawings and Building Information Models (BIM) for homes, duplexes, and cabins. This course is recommended for students interested in pursuing a career

## ENGLISH LANGUAGE ARTS

in architecture, real estate, interior decorating, or a building trade.

### **122102 CAD for Architecture II**

**Prerequisite:** CAD for Architecture

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 2

#### **CTE**

This course builds off the skills learned in CAD for Architecture I. Students continue to develop their understanding of architectural concepts and proficiency using Revit Architectural design software. Students tackle more complex projects, creating detailed working drawings and in-depth Building Information Models (BIM) to design larger structures like malls and office buildings. This course is recommended for students interested in pursuing a career in architecture, real estate, interior decorating, or a building trades.

### **122102 CAD for Architecture II**

**Prerequisite:** CAD for Architecture

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 2

#### **CTE**

This course builds off the skills learned in CAD for Architecture I. Students continue to develop their understanding of architectural concepts and proficiency using Revit Architectural design software. Students tackle more complex projects, creating detailed working drawings and in-depth Building Information Models (BIM) to design larger structures like malls and office buildings. This course is recommended for students interested in pursuing a career in architecture, real estate, interior decorating, or a building trades.

### **171621-171622 Construction Tech 1\* (2-hour class)**

**Grade(s):** 9-12

**Credit:** 1 per semester

**Term(s):** 1 & 2

#### **CTE**

This introductory course provides students a “hands-on” experience in various construction occupations to include carpentry, electrical, plumbing, heating, sheetrocking, and taping, painting, and cabinet installation. Most learning will take place on an actual construction site in the community building homes and/or working on rehabilitation projects for nonprofit organizations. Students will increase math abilities related to the trade and construct residential dwellings to meet codes while interpreting blueprints.

*\*This course is offered at East High School. Denfeld High School students may register for this course. Transportation is provided to and from East*

### **130001-130002 English 9**

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

#### **Also available through AEO**

This course is designed to fulfill the expectations of the ninth-grade standards for English Language Arts. Students in this course will:

- Read and comprehend ninth grade literature and informational texts for personal enjoyment, interest, and academic tasks, and read widely to understand multiple perspectives and pluralistic viewpoints. Required ninth grade texts including novels and plays, short stories, essays and poetry. Required common texts include: *Romeo and Juliet*, *Spirit Car*, and *The Odyssey*.
- Use information from multiple print and digital sources, use a writing process to write for a range of tasks, purposes, and audiences
- Use MLA formatting; understand how to avoid plagiarism.
- Demonstrate command of the conventions of language while speaking and writing.
- Acquire and accurately use grade-level vocabulary.

### **131001-131002 Honors English 9**

**Prerequisite:** Commitment Agreement required

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

This rigorous course augments the expectations of English 9. Expectations include:

- More in-depth knowledge is expected and a broader understanding of concepts and generalizations is expected. More student generated classroom discussion and evaluation expected. Honors English is a student-sustained class.
- Students must be able to keep a fast pace of reading and understanding.
- Students will have homework each night as well as short and long-term projects. Projects will be completed individually and in groups with some projects involving class presentations.
- A significant amount of independent reading is required.
- Students should be self-motivated to complete higher level work and to take ownership of their academic success.

## GENERAL ELECTIVES

### 250000 Freshman Seminar

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 or 2

This course will provide students with tools to ease the transition into high school and beyond with an orientation to the building, staff, policies, an examination of learning styles and study skills, and integrated technology skill-building in various computer skills including frequently used software and internet safety. A career exploration unit will include help in high school course selections. Reading and writing assignments will be integrated throughout the course to help prepare students to pass state tests required for graduation. Weekly "I-Time" lessons geared to parent/peer/teacher relationship-building, effective communication skills, problem-solving, and teamwork will be provided. Use of the text "The 6 Most Important Decisions You'll Ever Make" by Sean Covey, and other resources will address the six major social factors facing teens: school, friends, parents, dating and sex, addictions, and self-image/worth.

## GRAPHIC ARTS

### 102201-102202 Graphic Arts/Digital Design 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

**CTE**

Explore communication technology careers including pre-press, offset printing, silk screen, finishing work, and quality control. Extensive "hands-on" class using computers, scanners, offset printing presses, silk screens and other equipment found in the graphic arts industry. Students envision, design, and use resources to create, assemble, and deploy a finished project. Software use includes current industry standard, Adobe Creative Suite - InDesign, Illustrator, Photoshop and Flash. Units include paste-up, silk screening, scratch pads, elements of design, typography, small space ads, digital photography and poster design. Troubleshoot equipment including computers and printers. Produce real-world work for high school: posters, flyers, advertisements.

*This course fulfills the 1.0 Arts credit requirement.*

## HOSPITALITY AND TOURISM (CULINARY ARTS)

### 160000 Introduction to Cooking

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**CTE**

This course is structured to expose students to the foundations of cooking. Students will be introduced to basic concepts of culinary techniques, learn how to safely use both residential and industrial kitchen equipment, identify and use ingredients in basic food preparation while learning basic recipes with hands-on experience. They will be introduced to proper knife skills, food safety and sanitation, and how to work collaboratively. This course is designed for students to explore not only the joy of learning how to cook but also explore career options in the field of hospitality and tourism.

### 160020 Level 1 Restaurant Industry (1- hour class)

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

**CTE**

This course is structured to expose students to the foundations of working in a restaurant industry. It focuses on food safety and sanitation, proper knife skills, industrial equipment knowledge and identifying the correct measuring tools and ingredients along with reading recipes to create meals & desserts for the Clock Tower Cafe (student run restaurant). This course is designed for students to experience the restaurant industry with daily hands-on experiences. This course will teach students the importance of work ethic and teamwork as well as how to fill out a job application and answer job interview questions. Local business guest speakers and field trips to restaurants, meat packing plants, dairy farms and college culinary programs are part of this hands-on learning program (will vary each year). The Clock Tower Cafe Catering Club is an after school program available to students that take this course. The catering club allows students to cater scheduled events within our community for professional hands-on training and building customer service skills, local business relationships and career opportunities.

## MATHEMATICS

### **181001-181002 Intermediate Algebra**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

#### ***Also available through AEO***

Students will understand the concept of function and identify its important features. Students will recognize and solve math problems involving linear, quadratic, and exponential functions in mathematical situations and represent functions with tables, graphs and symbols.

### **181201-181202 Geometry 9**

**Prerequisite:** Intermediate Algebra

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

This course is designed for students who have successfully completed Intermediate Algebra in 8th grade. Students will calculate measurements of plane and solid geometric figures, solve geometric problems using algebraic methods, and construct logical arguments, based on axioms, definitions and theorems. Students will also know and apply properties of geometric figures (parallel and perpendicular lines, angles, triangles, quadrilaterals, Pythagorean Theorem, trigonometry, and circles) to solve real-world problems. Additional rigor will be incorporated into the course to extend students' learning.

### **181401-181402 Geometry**

**Prerequisite:** Intermediate Algebra

**Grade(s):** 10-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

#### ***Offered at AEO for students 9-12***

This course is designed for students who have successfully completed Intermediate Algebra. Students will calculate measurements of plane and solid geometric figures, solve geometric problems using algebraic methods, and construct logical arguments, based on axioms, definitions and theorems. Students will also know and apply properties of geometric figures (parallel and perpendicular lines, angles, triangles, and quadrilaterals) to solve real-world problems.

## MUSIC

### **190001-190002 9th Grade Band**

**Prerequisite:** Previous instrumental study and/or director permission

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

This course provides instruction in basic high school band repertoire and develops each student's proficiency in music. Course requirements will include concert performances, contests, lessons or sectionals, performance evaluations, playing tests, and the continued study of music theory.

### **191203-191204 Pop, Rock and Hip Hop**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

#### ***Also available through AEO***

This course is open to all students who are looking to explore the sounds of Pop, Rock, and Hip Hop. Students will have an opportunity to learn the fundamentals of music while playing instruments such as guitar, keyboards, drums, and voice. The goal is to achieve an authentic experience of what it is like to play and compose these styles of music, while studying the history, stylistic features, and influential artists. No previous music experience is required.

### **191210 Introduction to Guitar**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

#### ***Also available through AEO***

Introduction to guitar is a step by step approach to the basics of guitar and music fundamentals. Students will learn strumming patterns, chords, finger-picking, note reading, and improvisation through a variety of genres, ranging from classical to rock and roll. The online format will provide direct instruction to the student via video lessons and feedback from the teacher. Students may provide their own guitar, or may rent or borrow a guitar through various outlets that will be provided by the teacher.

### **191220 Advanced Guitar**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

#### ***REPT***

Advanced Guitar is the next course in learning how to play the guitar and music fundamentals. Students will continue to master various playing techniques such as strumming patterns, chords, and finger-picking. Music from a variety of genres and time periods will be studied along with note

reading and improvisation. Students will begin learning how to perform alone and together within small ensembles. Students may provide their own guitar, or may rent or borrow a guitar through various outlets that will be provided by the teacher. Experience in playing the guitar or participation in the Introduction to Guitar course is required.

### **191451-191452 9th Grade Choir**

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

This course is available to all students without an audition. Basic sight-singing, theory, history, and vocal techniques are taught. All ninth-grade students who are interested in singing should enroll in this course. Students will attend appropriate concerts throughout the year and will be required to evaluate them with a written critique. Concert participation is mandatory.

### **192101-192102 9th Grade Orchestra**

**Prerequisite:** Previous instrumental study and/or director permission

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

This course provides instruction in the basics of techniques and playing styles to develop each student's proficiency in music. Students will be assessed each semester with playing and music theory tests. Students will attend and critique appropriate concerts throughout the year. Concert participation is mandatory.

## PHYSICAL EDUCATION

### **21000 Foundations of Physical Education**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

***Also available through AEO***

This course will enable students to fulfill their High School Physical Education .5 credit requirement in a traditional physical education class setting. Students will obtain physical skills and knowledge to achieve a health-enhancing level of physical activity for fitness activities, team sports, individual sports, games, lifetime activities and dance. Participation in physical activity is emphasized.

### **211100 Personal Fitness 1**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

***Also available through AEO***

This course will enable students to fulfill their High School Physical Education .5 requirement in a fitness center, gym, and outdoor setting. Students will obtain physical skills and knowledge to achieve a health-enhancing level of physical activity focusing on improving or maintaining fitness. Students will create and implement a fitness plan using individual assessment of cardiovascular endurance, muscular endurance, flexibility and strength. Participation in physical activity is emphasized.

### **211500 Unified Physical Education**

**Grades:** 9-12

**Credit:** .5 per semester

**Term(s):** 1 or 2

This physical education course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

Aligned to State and National Standards, outcomes for all students include:

- Increased physical fitness and activity-specific skills
- New friendships and social inclusion fostered among classmates
- Reinforced positive habits and reasoning resulting in better health & lifestyle choices
- Advanced social and leadership competencies
- Deeper understanding of activity/game/sport rules and strategies
- Movement confidence and competence developed in a variety of physical activities/activity settings.

## SCIENCE

### **220001-220002 Physical Science 9**

**/Earth Science 9 Integrated**

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 & 2

***Also available through AEO***

Physical Science is a two-semester course that introduces chemistry one semester and physics the other semester. The course is designed to help students understand basic chemistry and physics in a laboratory situation. The goal is to help students become more aware of the importance of science in the world around them. Students will develop an understanding of these disciplines through the process of scientific investigations, hands-on activities, group work, and projects. This course will also integrate Earth Science concepts into the Physical Science course.

## SOCIAL STUDIES

### **230010 Civics In Global Society**

**Grade(s):** 9

**Credit:** .5 per semester

**Term(s):** 1 or 2

**Also available through AEO**

The goal of this course is to provide students with a foundational skill set for understanding global citizenship. Students will investigate how society is organized through various government and social structures, including citizenship, rights, and responsibilities. This course will also integrate geospatial skills to help understand human systems of settlement, population, and migration, and the impact of these systems on societies around the world

## WORLD LANGUAGES

### **240001-240002 German Level 1**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

This course is designed for students with little to no knowledge of the German language. During German 1 students will develop language skills allowing them to read, speak, write, and understand simple sentences about themselves and everyday life as well as explore.

### **241001-241002 German Level 2**

**Prerequisite:** German Level 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

German 2 focuses on expanding the range of everyday life topics that students can talk, read, listen, write and converse about. In German 2, students rely less on memorized phrases and begin communicating in longer and more varied sentence structures. They continue to make simple comparisons and connections with the products and practices of the German-speaking world and increase their independent reading skills. This course is designed to increase students' language proficiency starting from the Novice-Mid+ Proficiency Range as determined by the American Council on the Teaching of Foreign Languages (ACTFL).

### **241301-241302 Spanish Level 1**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

**Also available through AEO**

This course is designed for students with little to no knowledge of the Spanish language. During Spanish 1 students will develop language skills allowing them to

read, speak, write, and understand simple sentences about themselves and everyday life as well as explore various cultural aspects of the Spanish-speaking world. Emphasis is given to building comprehension and literacy skills in Spanish. This course is designed to develop language proficiency starting from the Novice-Low Proficiency Range as determined by the American Council on the Teaching of Foreign Languages (ACTFL).

### **241401-241402 Spanish Level 2**

**Prerequisite:** Spanish Level 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

**Also available through AEO**

Spanish 2 focuses on expanding the range of everyday life topics that students can talk, read, listen, write and converse about. In Spanish 2, students rely less on memorized phrases and begin communicating in longer and more varied sentence structures. They continue to make simple comparisons and connections with the products and practices of the Spanish-speaking world and increase their independent reading skills. This course is designed to increase students' language proficiency starting from the Novice-Mid+ Proficiency Range as determined by the American Council on the Teaching of Foreign Languages (ACTFL).

### **242301-242302 Ojibwemowin Level 1**

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

**Offered only at AEO**

This course will provide students with opportunities to develop themselves as lifelong-learners of Ojibwemowin. Students will acquire fundamental listening, speaking, reading, and writing skills in Ojibwemowin. Topics include, but are not limited to, grammar functions and vocabulary development, fluency with survival phrases, understanding through hearing and speaking the sounds of Ojibwemowin, and an applied understanding of elements of the cultures of the diverse Ojibwe-speaking world. Ojibwemowin language skills will center on everyday life situations and Ojibwe perspectives of oneself and the world. Required texts may provide an historical framework for contemporary life experiences.

### **242401-242402 Ojibwemowin Level 2**

**Prerequisite:** Ojibwemowin Level 1

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

**Offered only at AEO**

This course will provide learners with opportunities to continue to develop themselves as lifelong-learners of Ojibwemowin. This course expands on the language skills and topics from the Ojibwemowin 1 course. Topics include,

but are not limited to, increased grammatical understanding, vocabulary development, a continued focus on listening comprehension and speaking in narratives in Ojibwemowin with an increase in use of creative language that students will apply through conversational situations, and an applied understanding of elements of the cultures of the diverse Ojibwe-speaking world. Required texts may provide an historical framework for contemporary life experiences.

## SPECIAL EDUCATION

\*The courses in this section are only available to students with an Individual Education Plan (IEP). All courses will require approval by the IEP case manager.

### **801131 - 801132 Reading/Writing Strategies**

**Prerequisite:** Approval by IEP manager

**Grade(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

This class is individualized for students who have not passed the MCAs. Students will focus on improving reading and writing skills specific to reading fluency, decoding skills, and reading comprehension, based on IEP goals. This course can be taken multiple times for credit per IEP team decision.

### **801181-801182 Math Strategies**

**Prerequisite:** Approval by IEP manager

**Grades(s):** 9-12 **Credits:** .5 per semester

**Term(s):** 1 & 2

***Also available through AEO***

This class is individualized for students who have not passed the MCAs. Students will focus on improving skills in addition, subtraction, multiplication, and division of whole numbers, decimals, fractions, and percents. Applied problems, measurements, ratios, proportion, circles, cylinders, probability, statistics, and graphing will also be studied based on IEP goals. This course can be taken multiple times for credit per IEP team decision.

### **801251- 801252 Self Advocacy**

**Prerequisite:** Approval by IEP manager

**Grades(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

***Also available through AEO***

This class offers students with emotional and/or behavior disorders opportunities to work as a part of a small group in activities related to attitudes and behaviors which will result in the ability to function successfully in school. A willingness to participate in discussion by using appropriate listening and speaking skills and by doing in-class reading and writing activities is required. This

course also includes individual conferences regarding progress in all classes and individualized tutoring to assist in the completion of mainstream requirements. It is also designed to extend the skills of students who have been diagnosed as disabled in reading, writing, listening skills, oral expression, or study skills. Its purpose is to assist them in completing and earning required mainstream course credits. Students will be instructed in learning strategies for studying, test taking, and task completion. They will also receive instruction in organizational strategies to increase the probability of success. This course can be taken multiple times for credit per IEP team decision.

### **801261- 801262 Transition**

**Prerequisite:** Approval by IEP manager

**Grades(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

***Also available through AEO***

This course will address the transition needs of students and will focus on the five areas of transition as identified by the student's IEP (i.e. Home Living, Jobs and Job Training; Postsecondary Education and Learning Opportunities; Recreation and Leisure; and Community Participation). Topics will include: career exploration, investigating post-secondary options, study skills, organization skills, social skills, money management, self-advocacy skills, health and safety issues, communication skills, consumer awareness, community participation, and the development of recreation and leisure skills. The coursework will be individualized for each student based on IEP goals. This course can be taken multiple times for credit per IEP team decision.

### **801271- 801272 Life Skills**

**Prerequisite:** Approval by IEP manager

**Grades(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

In this class, special attention is given to developing student skills in daily living and life skills, vocational skill building, transition planning, and implementation. All areas of study are based on student IEP goals and objectives. Services are delivered through hands-on activities and community based learning. Students develop independent living and personal social skills necessary to manage a home, family and finances. Further, students will develop appropriate levels of independence, self-confidence, and socially acceptable behaviors. Through classroom instruction, hands-on activities and community outings, students study areas of: health, safety, nutrition, meal planning, preparation and clean up, consumer skills, home management skills, personal finances, and community living. Students will also receive career skills and training through curriculum and on-the-job experiences in the school and community.

### **801281- 801282 Work Experience**

**Prerequisite:** Approval by IEP manager

**Grades(s):** 9-12

**Credit:** .5 per semester

**Term(s):** 1 & 2

***Offered only at AEO***

This course uses community job sites and seminars to teach students employment skills. Students may have a job, or will find a job with help from the work coordinator. The goal of the work experience program is to help students with job seeking and retention skills, through an individual employment plan. Students will learn specific employment skills, such as effectively interacting with co-workers and employers, and advocating for themselves at a work site. They will also develop good work habits and identify personal employment preferences.

### **801241-801242 PAES Lab (1 hr) and/or**

### **801291-801292 PAES Lab (2 hr)**

**Prerequisite:** Approval by IEP manager

**Grades(s):** 9-11

**Credit:** .5 per semester

**Term(s):** 1 & 2

Practical Assessment Exploration System (PAES) is a simulated work assessment and hands-on curriculum lab where students learn by doing in a structured environment. In the lab, students will explore the following five career field areas: business/marketing, computer/technology, construction/industrial, processing/production, and consumer service. Students will complete tasks using real tools and equipment. These tasks start at a basic level and build in complexity as the student's skills increase. The lab simulates a real-world work environment so students become employees and teachers become supervisors when they walk through the door. Employees clock in on a computer and are given daily job tasks. They are taught and expected to communicate professionally, learn and follow safety procedures, solve problems, stay on task, and many more job skills. The PAES lab allows students to experience and practice skills that help prepare them for the world of work as well as assist them in finding direction for their desired career paths.

PAES is a formal exploratory assessment, which means that students will explore different career fields and we will assess their work quality, work speed, professionalism and behavior, endurance, problem-solving skills, level of independence, ability to follow directions, communication with others, and other important performance aspects. We collect this information to show areas of student strength, highlight opportunities for improvement, determine appropriate accommodations and assistive technology for the workplace, and display employability skills compared to their peers. Students typically attend a one or two hour period block class five days a week for one or more semesters and must complete a referral process to participate. This program is open to students of all abilities.

## COURSE LISTINGS (OVERVIEW)

**Course Key - D Denfeld E East Also Available through AEO \*Courses are a 2-hour block of time**

<p><b><u>Art</u></b></p> <p> Art Across Mediums 100000</p> <p>Drawing &amp; Painting 1 101000</p> <p>Advanced Drawing &amp; Painting 101100</p> <p>Art of Photo &amp; Cinematography 1 101300</p> <p>Advanced Art of Photo &amp; Cinematography 101400</p> <p>Ceramics &amp; Sculpture 1 101600</p> <p>Advanced Ceramics &amp; Sculpture 101700</p> <p>Stained Glass, Metals &amp; Fiber 1 101900</p> <p>Advanced Stained Glass, Metals &amp; Fiber 102000</p>	<p><b><u>Business/Marketing</u></b></p> <p> Introduction to Marketing 114100</p> <p>Sports and Entertainment Marketing 114200</p> <p>Business Management, Leadership, Coaching 114300</p> <p>Starting Your Own 114400</p> <p>Business-Entrepreneurship</p>	<p><b><u>Engineering and Industrial Technology</u></b></p> <p>Introduction to Engineering Design 121211</p> <p>Principles of Engineering 121502</p> <p>Manufacturing Technologies 1 124101</p> <p>Manufacturing Technologies 11 124102</p> <p>CAD for Architecture 1 122101</p> <p>CAD for Architecture 11 122102</p> <p>Construction Tech 1 (E) 171621-171622</p>
<p><b><u>Education</u></b></p> <p>Child Development/Child Psychology 201400</p>	<p><b><u>English</u></b></p> <p> English 9 130001-130002</p> <p>Honors English 9 131001-131002</p>	<p><b><u>General Electives</u></b></p> <p>Freshman Seminar 250000</p>
<p><b><u>Graphic Arts/Communication Tech</u></b></p> <p>Graphic Arts/Digital Design 1 102201-102202</p>	<p><b><u>Hospitality And Tourism</u></b></p> <p>Introduction to Cooking 160000</p> <p>Level 1 Restaurant Management 160020*</p>	<p><b><u>Mathematics</u></b></p> <p> Intermediate Algebra 181001-181002</p> <p>Geometry 9 181201-181202</p>
<p><b><u>Music</u></b></p> <p>9th Grade Band 190001-190002</p> <p> Pop, Rock and Hip Hop 191203-191204</p> <p> Introduction to Guitar 191210</p> <p> Advanced Guitar 191220</p> <p>9th Grade Choir 191451-191452</p> <p>9th Grade Orchestra 192101-192102</p>	<p><b><u>Physical Education</u></b></p> <p> Foundation of Physical Education 210000</p> <p>Personal Fitness 1 211100</p> <p>Unified Physical Education 211500</p>	<p><b><u>Science</u></b></p> <p> Physical Science 9 220001-220002</p>
<p><b><u>Social Studies</u></b></p> <p> Civics In Global Society 230010</p>	<p><b><u>Special Education</u></b></p> <p>Reading/Writing Strategies 801131-801132</p> <p>Math Strategies 801181-801182</p> <p>Self Advocacy 801251-801252</p> <p> Transition 801261-801262</p> <p>Life Skills 801271-801272</p> <p>Work Experience 801281-801282</p> <p>PAES (1 hour) 801241-801242</p> <p>PAES (2 hour) 801291-801292</p>	<p><b><u>World Languages</u></b></p> <p>German Level 1 240001-240002</p> <p>German Level 2 241001-241002</p> <p> Spanish Level 1 241301-241302</p> <p> Spanish Level 2 241401-241402</p> <p>Ojibwemowin Level 1 242301-242302</p> <p>Ojibwemowin Level 2 242401-242402</p>

## REGISTRATION WORKSHEET

YEAR GRADUATING	TOTAL CREDITS	REQUIRED CREDITS	ELECTIVE CREDITS
2024	21.5	15.5	6.0
2025 AND BEYOND	22.5	15.5	7.0

Graduation Year:

Student Name \_\_\_\_\_

When listing courses, please list the course number and name for each semester. Place a .5 credit for each semester. Please check your class graduation requirements on page one in this supplement. This is your list of course requests, your final schedule may differ than the requested courses. *If you choose to register for a College in the School course, we ask that you identify alternative course choices in the event your first option is not available.*

Course No.	Semester Title	Credit
<b>Total Semester Value</b>		

Course No.	Semester Title	Credit
<b>Total Semester Value</b>		

Course No.	Alternate Course Title	Credit

Course No.	Alternate Course Title	Credit