

MIDDLE SCHOOL 2017-2018

ALGOMA
HIGH
SCHOOL

COURSE DESCRIPTION HANDBOOK



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It is the policy of the School District of Algoma that no person, on the basis of sex, race, color, religion, national origin (including LEP), ancestry, creed, pregnancy, marital status, parental status, sexual orientation or physical disability, mental disability, emotional disability or learning disability/handicap or homeless status, may be denied admission to any school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational or other program.

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ALGOMA HIGH SCHOOL GRADUATION REQUIREMENTS

Subject	<ul style="list-style-type: none"> · 24 Total Credits · Successful completion of the following subject and credit requirements
English	4 Credits including: <ul style="list-style-type: none"> ○ English I (1 credit) ○ English II(1 credit) ○ English III (1 credit) ○ Elective(s) (1 credit)
Social Studies	3.5 Credits including: <ul style="list-style-type: none"> ○ Social Studies Seminar (1.0 credit) ○ US History I (1.0 credit) ○ US History II (1.0 credit) ○ Elective (.5 credit)
Science	3.0 Credits including: <ul style="list-style-type: none"> ○ Biology 9/Physical Science 9 (1.0 credit) ○ Biology 10/Physical Science 10 (1.0 credit) ○ Elective(s) (1.0 credit)
Math	3.0 Credits <ul style="list-style-type: none"> ○ Algebra I ○ Geometry ○ Algebra II
Physical Education	1.5 Credits including: <ul style="list-style-type: none"> ○ Physical Education 9 or Personal Health and Aerobic Fitness (.5 credit) ○ 2 semester electives in P.E.
Health	.5 Credits including: <ul style="list-style-type: none"> ○ Health Education
STEAM/CTE	1.5 Credits including: <ul style="list-style-type: none"> ○ Electives in Technology and Engineering Education, Business Education, Visual Arts, and/or Family and Consumer Science (1.5 credits)
Business Education	.5 Credits <ul style="list-style-type: none"> ○ Employability Skills/Personal Finance (ES/PF)
Electives	6.5 Credits
TOTAL CREDITS	24 Credits

COURSES TAKEN IN MIDDLE SCHOOL FOR HIGH SCHOOL CREDIT

2013 ACT 138: Allowing Credit Earned in Grade 7 or 8 to Count as High School Credit If Certain Conditions Are Met

Under Act 138, if three conditions are met, a school board may count a credit that a pupil earns in grade 7 or 8 toward the 15 state graduation credit requirements or the 8.5 additional credits that the state superintendent encourages school boards to require from any combination of vocational education, foreign languages, fine arts, and other courses.

First, the pupil's performance on a state examination or similar examination approved by the school board must demonstrate that the pupil is academically prepared for coursework that is offered in the high school grades.

Second, the credit must be earned in a course that is taught by a teacher who is licensed to teach the subject in the high school grades.

Third, the credit must be earned in a course that is taught using a curriculum and assessments that are equivalent to the curriculum and assessments used to teach the subject in the high school grades.

(adapted from information on the DPI website - http://cal.dpi.wi.gov/cal_8gr_algebra_hsgrad)

ALGOMA MIDDLE SCHOOL

- All middle school students will be scheduled for their core courses: Language Arts, Math, Science and Social Studies.
- 7th grade students will be required to take Individual, Family and Society/ Physical Education every other day (EOD) throughout the entire school year.
- 8th grade students will be required to take Career Exploration/ Physical Education every other day (EOD) throughout the entire school year.
- Other electives can be chosen from the High School course selections.

COURSE OFFERINGS BY DEPARTMENTS

ENGLISH

MS ENGLISH ESSENTIALS

2 semesters Meets EOD Grades: 7-8

This course will utilize small group and individual instruction to help students with fundamental literacy concepts. This course will be assigned by Guidance/Middle School advisory group.

SOCIAL STUDIES/SOCIAL SCIENCES

SURVEY OF WORLD HISTORY I (*NCAA Approved*)

1 semester .5 credit Grades 8 -12

This course will examine prehistoric man, the development of early civilizations in Mesopotamia, the great civilizations of Egypt, Rome, and Greece, the development of the major world religions, and will conclude with the Middle Ages, Renaissance, and Reformation in Western Europe.

*8th grade students will need approval from Mr. Renquin

SCIENCE

BOTANY

1 semester .5 credit Grades: 8-12

Prerequisite: None (8th grade requires consent of Ms. Lemberger)

This course is an in-depth study of plant anatomy (structure), physiology (function), and horticulture (plant cultivation). Students will gain hands-on experience with plant propagation, hydroponics and aquaponics.

SOIL AND WATER (*NCAA Approved*)

1 semester .5 credit Grades: 8-12

Prerequisite: None (8th grade requires consent of Ms. Lemberger)

This course will cover water and soil quality as well as address ecological concerns about soil and water management in Northeastern Wisconsin. Chemical principles relating to soil and water composition and analysis will be emphasized.

MATHEMATICS

MS MATH ESSENTIALS

2 semester Meets EOD Grades: 7 or 8

This course will utilize small group and individual instruction to help students with fundamental math concepts. This course will be assigned by Guidance/Middle School advisory group.

CAREER & TECHNICAL EDUCATION (CTE)

BUSINESS EDUCATION

JUNIOR ACHIEVEMENT

1 semester .5 credit Grades: 7-10

Junior Achievement is the world's largest organization dedicated to educating students about workforce readiness, entrepreneurship and financial literacy through experiential, hands-on programs. JA helps prepare young people for the real world by showing them how to generate wealth and effectively manage it, how to create jobs which make their communities more robust, and how to apply entrepreneurial thinking to the workplace. Students put these lessons into action and learn the value of contributing to their communities. *JA Finance Park* allows students to build a foundation for making intelligent, lifelong personal-finance decisions. Finance Park combines in-class learning with a hands-on experience in a fully interactive field trip to Milwaukee for the capstone project.

CAREER EXPLORATION

2 semesters Meets EOD Grade: 8 (*Required*)

Required course

Explore career pathways to help plan your journey from middle school and beyond to achieve the career you desire. Participate in authentic activities such as Junior Achievement-It's My Future program, create an academic career plan, and practice job skills in order to be college and career ready.

FAMILY AND CONSUMER SCIENCE

INDIVIDUAL, FAMILY, AND SOCIETY

2 semesters Meets EOD Grade: 7 (Required)

Students will learn basic life skills such as healthy relationships, personal hygiene, personal health choices, basic sewing, and cooking.

CREATIVE DESIGN

1 semester .5 credit Grades 7-12

Are you creative? Do you enjoy doing crafts, sewing, and quilting? During this course we will be creating and designing a variety of projects using recycled materials, sewing using commercial patterns for clothing and learning how to create a simple block quilt. **STUDENTS ARE RESPONSIBLE FOR PURCHASING ALL SEWING SUPPLIES.**

INTRODUCTION TO FOODS

1 semester .5 credit Grades 8-12

This course will allow students to learn the fundamental skills of culinary arts by applying the principles of food safety and sanitation, quality food preparation such as measuring and food

storage. Students will participate in labs and related classroom studies, discuss the how and why of cooking, and gain confidence in skills and techniques.

VISUAL ARTS

ART DIGITAL PHOTOGRAPHY

1 semester .5 Credit Grades: 7-12

This course introduces students to digital media and is suitable for anyone with an interest in either photography or special effects. Students will learn to effectively use DSLR cameras as well as Adobe Photoshop as they create, edit, and enhance digital images.

Limit: 15 students Lab Fees will apply

ART DRAWING & PAINTING

1 semester .5 Credit Grades: 7-12

Students will refine their skills and develop their abilities while specifically concentrating on 2D media such as drawing, painting, and collage. This course will also allow students to explore the potential of art materials they use them in new and unexpected ways. *Lab Fees will apply*

ART SCULPTURE

1 semester .5 Credit Grades: 7-12

Students will refine their skills and develop their abilities while specifically concentrating on the 3D media of sculpture. This course provides students with hands-on experience in the unique considerations presented by making objects. Students will routinely draft, translate, and modify plans as they address these considerations. *Lab Fees will apply*

ART COMIC BOOK & GRAPHIC NOVEL ILLUSTRATION

1 semester .5 Credit Grades: 7-12

How would you like to create your very own comic book or graphic novel? This course allows you to pursue a personal illustration project with the benefit of useful narrative tricks, Adobe Illustrator tips, and general guidance! We will read excerpts from comic books, graphic novels, or view clips from animation on a weekly basis and critique them as a means to advance your craft. For this course all projects will be created entirely through the use of Adobe Creative Suite. Be prepared for an intense learning experience during our project based semester! *Lab Fees will apply*

ART COMMUNITY PROJECTS

1 semester .5 Credit Grades: 7-12

Defining community is an important part of this service based course. Students will use the nine scales of design: nano, pattern, object, space, architecture, neighborhood, city, region, and world to better understand communities and their needs. Students will identify potential needs and turn them into opportunities that can be addressed through collaborative class action. *Lab fees will apply*

TECHNOLOGY AND ENGINEERING EDUCATION

FUNDAMENTALS OF CAD (Computer Aided Design)

1 semester .5 credit Grades: 7-12

The student will be able to create Orthographic blueprints by hand and CAD. Mechanical and Architectural drawings will be covered during this class. The student will also create a scale model of a house that they draw. Finally, 3D modeling is introducing using Solidworks.

Limit: 21 Students \$10 Lab Fees will apply

DIY-PINTEREST

1 semester .5 credit Grades: 7-12

Are you a Pinterest fanatic? Are you creative at heart? Well, here is your chance to design, create, and build those ideas. You will have the ability to create projects straight from Pinterest in either wood or metal. As the designer, you will be the driving force and trend-setter of a new style of shop in this class. No experience required in the wood or metal shop.

Limit: 24 Students Lab Fees will depend on student's project(s)

FOREIGN LANGUAGE

Many colleges and universities have a foreign language requirement, either for entrance or for graduation. A minimum of two years is strongly recommended. In the University of Wisconsin system, there is the possibility of retroactive college credit for advanced knowledge of a foreign language. This means you could earn four free credits for every year of high school foreign language (up to 16 credits at no charge).

SPANISH I (NCAA Approved)

2 semesters 1 credit Grades: 7-12

This course strives to familiarize students with language learning and vocabulary acquisition. Using the four areas of language study: speaking, listening, reading, and writing, students will develop a basic vocabulary and knowledge of the cultures studied.

SPANISH II (NCAA Approved)

2 semesters 1 credit Grades: 8-12

Prerequisite: "C" average in Spanish I

This course continues the emphasis on speaking, listening, reading, and writing. Students will build on the vocabulary and skills they have acquired in Spanish I and expand on them. Students will continue to study the geography, history, and culture of the Hispanic world.

MUSIC EDUCATION

MS BAND

2 semesters Meets Everyday (*EOD if taking MS Chorus*) Grade: 7 or 8

The MS Band is a performing ensemble. Students will be required to attend 1 parade and 3 concerts. This ensemble is open to all students with experience playing a traditional concert band instrument (or with permission from Mrs. Massey). Student rehearsals will consist of learning music appropriate for the band's ability. Students will play standard band repertoire and explore more challenging music. 7th and 8th grade students will meet as separate ensembles.

MS CHORUS

2 semesters Meets Everyday (*EOD if taking MS Grade Band*) Grade: 7 or 8

This choir is a performing ensemble that participates in at least two concerts a year. Students have the option of participating in one or two festivals a year. Exceptional students have the opportunity of auditioning for "All-State" choirs. Fundamentals of good singing are taught. Good posture, breathing, and good tone are emphasized and reinforced through warm-ups and quality literature. Sight singing, music notation and theory are introduced/reviewed.

EXPLORATION OF MUSIC

Spring Semester ONLY .5 credit Grades: 7-12

Do you love music? Do you wish you could learn a new instrument or sharpen your existing skills? Take this class! The possibilities are endless.

Class instructors: Mrs. Massey, Mr. Robertson

OTHER OPPORTUNITIES

ACADEMIC LEARNING LAB (A.L.L.)

1 or 2 semesters Grades: 7-12 **Guidance/Teacher approval required.**

A.L.L. (Academic Learning Lab) is a dedicated period within our daily schedule designed to meet the needs of all learners. Students can be scheduled for enrichment, credit recovery, support, or simply extra time to complete assignments. Students have access to instructional aides, special education teachers and content experts for specific needs. Utilizing A.L.L. can accomplish many tasks that are focused on the success of every individual student.

C.E.O. 101 - COMMUNITY-EXPERIENCE-OUTREACH

Fall semester ONLY .5 credit Grades: 7-12

Connect to your community. Create unique experiences. Go beyond the normal classroom setting to help others. This class will allow students to work together as a team to help our school and community. Major events that will be enhanced by our students; Veteran's Day Program & Ceremony, Halloween Walk, Hands-Only CPR, and so much more!

Class instructors: Mrs. Massey, Ms. Ballone