



COURSE DESCRIPTION GUIDE

FOR

OGDEN HIGH SCHOOL

2021-2022

NOTICE OF NONDISCRIMINATION

Students, parents, employees and others doing business with or performing services for the Ogden Community School District are hereby notified that this school district does not discriminate on the basis of race, color, age (except students), religion, national origin, creed, sex, marital status, sexual orientation, gender identity or disability in admission or access to, or treatment in, its programs and activities.

The school district does not discriminate on the basis of race, color, age (except students), religion, national origin, creed, sex, sexual orientation, gender identity or disability in admission or access to, or treatment in, its hiring and employment practices. Any person having inquiries concerning the school district's compliance with the regulations implementing Title VI, Title VII, Title IX, the Americans with Disabilities Act (ADA), § 504 or *Iowa Code* § 280.3 is directed to contact:

Maury Ruble
Principal, Ogden High School
732 West Division Street
Ogden, Iowa 50212
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who has been designated by the school district to coordinate the school district's efforts to comply with the regulations implementing Title VI, Title VII, Title IX, the ADA, § 504 and *Iowa Code* § 280.3

Dear Students and Parent(s)/Guardian(s):

The 2020-2021 Ogden High School Course Description Guide is designed to assist you as you make course selections that will affect your future.

There are two major steps involved in planning your high school educational program:

1. Student registration
2. Course scheduling

It is very important that good course selections be made during registration as the number of seats in any given course are determined by the original count. Thus, after the initial registration process, some classes may be filled, while others, due to lack of registrants, might not be offered. Once we determine our course offerings and staff needs, we are committed; schedule changes will be very difficult, if not impossible to accommodate.

Please consider interests, aptitudes, and educational goals before selecting the course. Students are encouraged to contact the counselor with any questions or concerns. The selection of courses is a very important part of any student's education. The decisions made today can have a definite impact upon educational and career plans.

- Students must enroll in a minimum of six (6) classes plus PE
- 48 credits are required for graduation (4 years English, 3 years of math, 3 years of science, and 3 years of social studies);
- Some courses have prerequisites which must be completed prior to enrolling
- Families and students are responsible to understand the entrance requirements for any post-secondary programs. The counselor is a great resource to gain more information on the requirements of post-secondary programs.

If you have questions about registration procedures or your specific educational plan, please contact the counselor.

Good luck with the registration process and best wishes for a great school year!

Sincerely,

Maury Ruble, Principal

Samantha Sperling, Counselor

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REQUIREMENTS, GUIDELINES, AND TIPS

Graduation Requirement

- Ogden Community School District requires 48 credits for high school graduation, as adopted by the Ogden school board. One (1) credit is awarded for each passing grade in a class that meets every day of the week for a period of one semester (18-weeks).
- Language Arts (8 Credits), Math (6 Credits), Science (6 Credits) *must include Biology, Physical Science, and Earth & Space Science*, Social Studies (6 Credits), *must include American History and American Government*, Physical Education (4 Credits), Workplace Readiness (2 Credits), and Electives (16 Credits) = Total Credits 48

Cardiopulmonary Resuscitation Course Completion Requirement Iowa Code 256.7 (5), 12.5 (20)

Subject to the provisions of sub rule 12.5(6)a, at any time prior to the end of twelfth grade every pupil physically able to do so shall have completed a psychomotor course that leads to certification in cardiopulmonary resuscitation. A school or school district administrator may waive this requirement for any pupil who is not physically able to complete the course. A course that leads to certification in CPR may be taught during the school day by either a school or school district employee or by a volunteer, as long as the person is certified to teach a course that leads to certification in CPR. In addition, a school or school district shall accept certification from any nationally recognized course in cardiopulmonary resuscitation as evidence that this requirement has been met by a pupil. A school or school district shall not accept auditing of a CPR course, nor a course in infant CPR only.

Registration Procedures

1. Please take time to read this course description guide carefully. Course offerings may change from year-to-year so you will want to make sure you are updated on specific details in each.
2. A great deal of planning is done based upon your choices. We ask that you register carefully for classes.
3. Schedule changes will only be allowed with administrative approval. Please see "Schedule Changes" for dropping or adding a course.
4. Questions related to scheduling should be directed to the school counselor.

Note to Students/Parents

Due to various internal and external factors that may occur after printing this registration guide, please consider the process of student registration a fluid one. Changes in personnel, federal and state requirements, and budgetary constraints are all factors that force the guidance department and/or principal's office to make changes during the process. This may include altering, adding, or dropping course offerings that are listed in this registration guide. We appreciate your patience and understanding.

To accommodate all persons, the high school office will release addendums, when appropriate, to supplement this guide to registration. Those addendums will be announced to students and published on the high school's website.

Schedule Changes

When requesting a schedule change, please keep in mind that the master schedule is developed by the number of course selections identified by students during the registration process. School administrators make decisions regarding the number of sections per department based on students' course selections. For those reasons, we ask that students please be wise when initially registering and inputting their course requests. The following outlines our policy on schedule changes.

After the initial registration and scheduling that takes place, student schedule changes may only be made according to ONE the following criteria:

1. Approved level changes by the parent, teacher or counselor.
2. Failure in first or second semester course(s).
3. Computer and/or clerical error. Students may look at their original requests with the counselor.
4. Special education placement.
5. Failure to meet a course prerequisite.
6. Seniors who must enroll in a course to meet graduation requirements.
7. Wanting to add a course without disturbing the rest of the master schedule.

All schedule changes must be made prior to the beginning of the term with the student's counselor. Approval by parent, teacher or counselor is necessary for any addition/deletion of a course.

SENIOR YEAR PLUS

Enacted by the Iowa Legislature, Senior Year Plus was created to provide increased and more equal access to college credit courses

(<https://www.educateiowa.gov/adult-career-and-community-college/senior-year-plus-syp>

). Courses delivered through Senior Year Plus provide students the opportunity to take a rigorous college curriculum and receive, in many cases, both high school and college credit concurrently. At Ogden High School joint-enrolled courses may include:

- Concurrent Enrollment Courses (those receiving college & high school credit).
- Online Career Academy
- Hunziker Career Academy courses (at DMAACC)
- On-site college-level courses, including Advanced Placement (AP) courses.

The state guidelines require all students enrolling in Senior Year Plus eligible courses to be proficient in reading, math, and science as assessed through the Iowa Assessment battery of tests. In addition, if a student wishes to drop the DMAACC credit portion of the aforementioned classes, the student must also drop the OHS credit. If this date is beyond the OHS official drop date each semester, the student will receive an 'F' for the OHS credit portion. (may need to add another class to remain at full-time status).

State Approved Criteria Ensuring Reading, Math and Science Proficiency as required by Senior Year Plus (SYP)

1. The student is proficient on the reading, math, and science portions of the ISASP. Proficiency for Reading/Math/Science is a score of 259. If a student at Ogden High School is not proficient, they must fulfill the Senior Year Plus requirement. This can be accomplished by fulfilling one of the following two alternative proficiency requirements. NOTE: Students would only need to meet alternative proficiency requirements in the areas (reading, math, science) not met via the ISASP Iowa State Assessment of Student Progress testing: Sophomores- ELA 530, Math 537, Science 545 and Juniors- ELA 561, Math 559, Science 545.
2. The student is proficient on the reading, math, and/or science portions of the American College Testing exam (ACT). Proficiency is a score of 18 or higher on each individual portion.
3. The student is proficient on the reading, math, and/or science portions of their most recent ACCUPLACER test. Proficiency will be determined by the following

scores:

- READING & SCIENCE: 35 on the Reading Skills portion of the ACCUPLACER test.
- MATH: 24 on the Math Skills portion of the ALEKS test.

DMACC Concurrent Credit Courses at Ogden High School

The courses listed below are offered to juniors and/or seniors at Ogden High School for both Ogden High School and Des Moines Area Community College (DMACC) credit. Junior and senior students taking these classes must register for DMACC credit. This is at no expense to the student. Students taking DMACC credit will be generating a college transcript while attending high school. All students taking a college class at Ogden High School will take the final exam.

Ogden High School Course Title	DMACC Course Number	DMACC Credits
DMACC Calculus I	MAT 211	5 Credits
DMACC Communication Skills	COM 703	3 Credits
DMACC Statistics	MAT 157	4 Credits
DMACC Applied Math	MAT 772	3 Credits

DMACC Career Academy Courses at Hunziker Center-Ames

The programs listed below are available to Ogden High School juniors and seniors who qualify. Courses in each area are offered on site at the Hunziker Career Center in Ames. <https://www.dmacc.edu/careeradvantage/Pages/cadmaccclasses.aspx>

Career Advantage Programs Offered at Hunziker-Ames		
Auto Collision Technology	Auto Technology	Building Trades/Finish Carpenter
Criminal Justice	Culinary Arts	Health Occupations
*SCALE Program	Teacher Academy	Welding (Nevada HS)

SCALE draws upon the expertise of business partners to bring real world applications

into the comprehensive high school experience. Through a collaboration of education, business, and industry, the SCALE program seeks to develop highly skilled and adaptable innovators and leaders. With inquiry-based learning and authentic projects and experiences, students add value to business partners while exploring passions and career possibilities identified by economic trends in Story County. Students will do a combination of classroom work and work-based internship-type experience.

- Multi-Disciplinary Engineering
- Health and Human Services
- Business Communication and Technology
- Renewable Energy and Bio-Sciences

DMACC Career Academy Courses at Van Kirk Center- Perry

The programs listed below are available to Ogden High School juniors and seniors who qualify. Courses in each area are offered on site at the Van Kirk Career Center in Perry.

Career Advantage Programs Offered at Van Kirk Center- Perry		
Academic Courses	Agribusiness	Automotive Technology
Business	Criminal Justice	Emergency Medical Technician (EMT)
Health Occupations	Teacher Academy	Welding

Online Courses

Online, college-level courses may be completed by students who wish to expand their knowledge-base and/or explore curricular areas not offered at Ogden High School. Students can take online Advanced Placement (AP) courses offered by the Belin-Blank Center at the University of Iowa or select online courses offered through Des Moines Area Community College (DMACC).

<https://www.dmacc.edu/online/Pages/careeracademy.aspx>

So What's Your **RAI** Score?

- (2 x ACT composite score)
 + (1 x percentile high school rank)
 + (20 x high school GPA)
 + (5 x number of high school core courses)

Regent Admission Index Score

Effective fall semester 2009, if you wish to enter any of the Iowa Regent universities as a freshman, you must meet the new Regent Admission Index (RAI) requirement. If you meet the minimum high school course requirements listed below and you earn an RAI score of at least 245, you will automatically qualify for admission to any of the Iowa Regent universities. If you meet the minimum high school course requirements and you earn an RAI score below 245, you may still be considered for admission to any of the Regent universities on an individual basis.

The most effective way to increase your RAI score is to take additional core courses (i.e., college-prep courses offered by your high school in any of the following subject areas: English, math, science, social studies, or foreign language). It will not only enhance your chances for gaining admission, it will also increase your likelihood for academic success after you've entered college! If you have questions about which of your high school's courses are considered core courses, just ask your guidance counselor.

Go to www2.state.ia.us/regents/rai/ to calculate your own RAI score.

SUBJECT	MINIMUM COURSE REQUIREMENTS FOR ADMISSION			OPTIMUM PREPARATION
	Iowa State University	The University of Iowa	University of Northern Iowa	
English	4 years including writing, speaking, reading, or well as an understanding and appreciation of literature.	4 years with an emphasis on the analysis and interpretation of literature, composition, and speech.	4 years including one year of composition, also may include one year of speech, communication, or journalism.	4 years with an emphasis on the communication skills of writing, reading of literary and critical theory, and the analysis and interpretation of literature. In addition, courses in journalism and creative writing will be valuable. Extracurricular activities in debate, speech, creative writing, and journalism will further develop essential competencies.
Math	3 years including one year each of algebra, geometry, and advanced algebra.	3 years including two years of algebra and one year of geometry for admission to the College of Liberal Arts and Sciences. 4 years including two years of algebra, one year each of geometry and high math (pre-calculus, calculus, or calculus for admission to the College of Engineering).	3 years including the equivalent of algebra, geometry and advanced algebra.	4 years, one in each year of high school. While advanced courses like calculus and statistics are good, it is more important that you gain a complete understanding of advanced algebra and trigonometry.
Natural Science	3 years including one year each from any two of the following: biology, chemistry, or physics.	3 years including one year each from any two of the following: biology, chemistry, or physics for admission to the College of Liberal Arts and Sciences. 3 years without at least one year each in chemistry and physics for admission to the College of Engineering.	3 years including courses in general science, biology, chemistry, earth science, or physics (laboratory experience is highly recommended).	4 years, one in each year of high school. To be ready will require, first at least one year each of biology, chemistry, and physics. There can be others in any order and may be taught progressively in either a separate or an integrated fashion, depending on your school's offerings.
Social Studies	2 years for admission to the College of Agriculture and Life Sciences, Business, Design, Engineering, and Human Sciences. 3 years for admission to the College of Liberal Arts and Sciences.	3 years with US history and world history recommended for admission to the College of Liberal Arts and Sciences. 2 years with US history and world history recommended for admission to the College of Engineering.	3 years including courses in anthropology, economics, geography, government, history, psychology, or sociology.	3 years is essential, but a better time at least one year each of US and world history. Additional courses in anthropology, economics, political science, psychology, and sociology provide an important understanding of political, social, and economic institutions.
Foreign Language	2 years of a single foreign language for admission to the College of Liberal Arts and Sciences (and effective fall 2009, for the College of Engineering).	2 years of a single foreign language are required for admission, for many degrees, the fourth year of proficiency is required for graduation.	Foreign language courses are not required for admission, however, two years of foreign language in high school with a C- or above in the last course will meet the university graduation requirements.	4 years of a single foreign language. By taking foreign language during all four years of high school, you'll go beyond the basic skills and begin to use the language and enhance your fluency.
Other Courses	Specific elective courses are not required for admission.	Specific elective courses are not required for admission.	2 years of additional courses from the required subject areas, foreign language, or the fine arts.	Explore! courses in the fine arts, performing arts, computer, or technology will help round out your high school experience. That broad field of concentrations or courses may be in one of those areas. Follow your interests, talents, and the strengths of your school. Remember to choose courses with high academic standards.

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 90% is the top value for high school rank, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year).

Entrance to Iowa Regents Institutions

A Regent Admission Index (RAI) score will be calculated for freshman applicants to any of the three Regent universities. Admission will be based on the RAI which combines four factors: 1.) ACT composite score; 2.) high school rank; 3.) high school grade point average; and 4.) the number of high school courses completed in the core subject areas.

Students who have an RAI of 245 or greater and have successfully completed the required core subject area courses will be eligible for automatic admission to any of the three Regent universities. The freshman applicants from Iowa schools who have an RAI below 245 will have these applications reviewed on an individual basis and the admission decision will be specific to each institution. A “web calculator,” which can be used as an informal way for a student to calculate his/her Regent Admission Index, is available at [Board of Regents State of Iowa](#).

Enter the number of full-year courses that you’ve taken or plan to take in English, mathematics, natural science, social science, and foreign language. (A one-semester course counts as 0.5). While additional courses in areas such as the fine arts and technology will help round out your high school experience and prepare you for future careers, they are not part of the core courses used to calculate your admission index.

- SAT scores will be converted to ACT composite equivalent.
- High school rank is expressed as a percentile with 99% as the top value.
- High school GPA is expressed on a 4-point scale.

ATHLETIC ELIGIBILITY

[NCAA Clearinghouse](#)

All students planning to enroll in college as a freshman and wanting to participate in Division I or Division II athletics must be certified by the NCAA Eligibility Center (formerly called the NCAA Clearinghouse). The Eligibility Center was established to ensure consistent application of NCAA initial-eligibility requirements for all prospective student athletes at all member institutions. It is the responsibility of the prospective student athlete to make sure the Eligibility Center has the documents it needs to certify his/her eligibility.

Division I 16 Core-Course Rule

16 Core Courses

- 4 years of English, 3 years of mathematics (Algebra I or higher), 2

years of natural/physical science (1 year of lab if offered by high school), 1 year of additional English, mathematics or natural/physical science, 2 years of social science, 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

Division II 16 Core Course Rule
16 Core Courses

If you enroll full time in a Division II college on or after August 1, 2013, and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school, 3 years of English, 2 years of mathematics (Algebra I or higher), 2 years of natural/physical science (1 year of lab if offered by high school), 3 years of additional English, mathematics or natural/physical science, 2 years of social science, 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).
- Earn a 2.0 grade point average or better in your core courses.
- Earn a combined SAT score of 820 or an ACT sum score of 68.

A student may apply to the NCAA Eligibility Center at any time during his/her high school years. However, it is recommended the student apply prior to taking the ACT or SAT exam. This application, and additional information, may be completed online at NCAA Clearinghouse. The student must have his/her ACT or SAT scores sent to the NCAA Eligibility Center each time the test is taken. The NCAA Eligibility Center institution code is 9999. All prospective student-athletes need to work with their school counselors and carefully plan their schedules each year to ensure NCAA eligibility. The NCAA eligibility rules and list of acceptable courses often change. It is the responsibility of the student to seek out the necessary information to make course selection decisions.

Approved OHS Courses through the NCAA Clearinghouse

English	Social Science	Mathematics	Science	Miscellaneous
English I	American History	Algebra I	Physical Science	Spanish I

English II	Sociology	Geometry	Biology	Spanish 2
American Lit / World Lit	Psychology	Algebra 2	Chemistry I	Spanish 3
Creative Writing	Current Affairs	Pre-Calculus	Physics	Spanish 4
	Early World History	Statistics	Environmental Science	
	Modern World History	Calculus	Anatomy & Physiology	
	World Cultures	DMACC Calculus I	Chemistry II	
	Government	DMACC Statistics		

National Association of Intercollegiate Athletics (NAIA)

[PlayNAIA: NAIA Eligibility Center](#)

The NAIA Eligibility Center is responsible for determining the NAIA eligibility of first-time student athletes. Any student playing NAIA sports for the first time must meet the eligibility requirements. Students must have their eligibility determined by the NAIA Eligibility Center, and all NAIA schools are bound by the center's decisions.

FOUR YEAR COMPLETION

It is the desire of the faculty, staff and administrative team, as well as a mandate from the State of Iowa, that all students complete their high school diploma within four years of entering high school. In order to facilitate that goal, the options listed below are available for students who might need to recover credits. Please note the specific requirements in each area.

Independent Study Courses

Courses at the high school are not available on an independent study basis. However, if extenuating circumstances should exist, we may review the student's case and consider independent study. Permission of the high school principal is required before any independent study arrangements should be discussed.

Edmentum Courses

Edmentum is a computer-based curriculum. Students who utilize this curriculum are subject to the following course-completion requirements:

- Courses are available only after the locally instructed course has been attempted. Administration has the final decision on the taking Edmentum courses.
- If successfully completed, the Edmentum course will satisfy local graduation requirements.
- Edmentum grades will be added to the student's transcript, but will not replace the original grade on the transcript.
- Course grades will not be included in the student's GPA.

Silver Cord

The purpose of the Silver Cord Program is to encourage students to make a contribution to their community through service/volunteer hours and to recognize those efforts. The award can be earned by completing the required hours of approved community service with non-profit organizations. It is suggested that students complete a minimum of 50 hours of approved service activities per year to reach a total of 200 hours; however, students may accumulate their 200 hours in varying amounts during their four years of high school. Students should receive approval for community service activity prior to completing the time. Students must have at least 50 hours submitted by the end of the sophomore year in order to be eligible for Silver Cord. Students that meet all program requirements will receive a silver cord to wear on their robes during their commencement ceremony.

Agriculture Education Courses

Introduction to Agriculture, Food 9,10,11,12
& Natural Resources

Year  **2 Credits**

SCED Code: 05010

Prerequisite: None

Description

Introduction to Agriculture, Food, and Natural Resources (AFNR) is the introductory course where students will experience exciting "hands-on" activities, projects, and problems related to agriculture. It is designed to introduce students to the many career pathways in the agricultural industry. In addition to a brief overview of animal science, plant science, natural resources, and agricultural technology and systems, students will explore FFA, leadership, communication and science in agriculture.

Animal Science 10,11,12

Year 2 Credits

SCED Code: 05000

Prerequisite: None

Course Description: This course is designed to provide students a general overview of the livestock industry. It identifies the ways in which domestic animals serve the basic needs of human foods, fiber, shelter, protection, fuel, and emotional well-being. Students will develop an understanding of and be able to apply the basic principles of animal selection, breeding, genetics, feeding, health and husbandry practices. As a student you will become familiar with the economic and social issues that confront the livestock industry.

Plant Science/Horticulture

10,11,12

Semester 2 Credits

SCED Code: 05010

Prerequisite: Introduction to Agriculture

Considerations: The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school.

Course Description: Students will explore hands-on projects and activities to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

Agriculture Business 10,11,12

Semester 1 Credit

SCED Code: 18201 Agribusiness Management

This course focuses on decision making and problem solving within agricultural businesses. Students will discover topics including ag marketing, financing, ag careers, communication, and international ag awareness. Students will be utilizing virtual farming simulations, creating marketing strategies for the FFA, and creating their own business concepts throughout the semester. If time allows, students will be creating and marketing their own products to the community.

Veterinary Science 10,11,12**Semester 1 Credit****SCED Code: 18105**

Veterinary Science courses impart information about the causes, diagnosis, and treatment of diseases and injuries of animals, typically emphasizing domestic and farm animals. Course topics focus on anatomy and physiology, nutrition, behavior, and reproduction, but may also include other areas of study as appropriate.

Agricultural Entrepreneurship 10,11,12**Semester 1 Credit****SCED Code: 18202**

Agricultural Entrepreneurship courses focus on the personal skills necessary for success in entrepreneurial ventures in the agricultural industry. Topics include setting goals, assessing and solving problems, evaluating financial progress and success, business planning, information management and evaluation, and recordkeeping.

Agricultural Metals & Welding 10,11,12**Semester 1 Credit**

Prerequisite: Introduction to Agriculture

Considerations: This course will be a laboratory course where students will learn welding and metal fabrication skills. Students will need to follow shop safety policies

Course Description: Ag Metals and Welding will cover shop safety, welding fundamentals and procedures, and metal cutting and fabrication. Students will complete weld lab activities to master basic welding processes including MIG, TIG, and stick welding. The final component of this course has students apply their skills to plan, design, and create a metals project related to the agricultural mechanics field.

Art Courses**Jewelry & Crafts****9,10,11,12****Semester****1 Credit****SCED Code: 05166**

Jewelry & Crafts is for students interested in two-dimensional and three-dimensional media to create functional art. The student will be introduced to jewelry & crafts related studio activities, terminology and art history/culture. Media will include: metal, paper, found objects wire, fibers and glass. Composition and workmanship will be reviewed

and integrated into each problem, as well as basic creative thinking tools. Career related problems will be integrated and explored.

Drawing **9,10,11,12** **Semester** **1 Credit**
SCED Code: 05156

Drawing is for the student interested in working with two-dimensional drawing media. The student will be introduced to drawing studio activities, terminology and art history/culture. Drawing media will include; pencil, ink, colored pencil, chalk pastels, oil pastels, and charcoal. Composition and workmanship will be reviewed and integrated into each problem, as well as basic creative thinking tools. Career related problems will be integrated and explored.

Painting and Printmaking **9,10,11,12** **Semester** **1 Credit**
SCED Code: 05160

Painting and Printmaking is for the student interested in working with 2D art media of painting and printmaking. The student will be introduced to painting and printmaking studio activities, terminology and art history/culture. Media will include; acrylic, watercolor, monoprints and screenprinting. Composition and workmanship will be reviewed and integrated into each problem, as well as basic creative thinking tools. Career related problems will be integrated and explored.

3D Design **9,10,11,12** **Semester** **1 Credit**
SCED Code: 05159

3-D Design is for the student interested in working with three-dimensional media to create pottery and sculpture. The student will be introduced to sculpture and clay studio activities, terminology and art history/culture. Media will include: clay, found objects, plaster, and wire. Composition and workmanship will be reviewed and integrated into each problem, as well as basic creative thinking tools. Career related problems will be integrated and explored.

Art Advanced Study **12** **Year** **2 Credits**
SCED Code: 05197

Prerequisite: At least three electives and teacher approval

Advanced Art is intended for students who seriously want to pursue art as a career, as a vocation, and want to put together a personal portfolio or expand their creative thinking skills and ability. Independent projects are planned and guided by the student and teacher. Media will be determined by the student. Creative processes are explored in depth focusing on various subjects, theories, themes, techniques and styles.

Business Education Courses

The Mission of Business Education at Ogden High School is to work cooperatively with the business community to prepare all individuals to live and work as productive citizens in a changing global society by providing essential business education, experiences, and training. These experiences should actively engage students using instructional strategies that rely on the use of technology and practices that reflect current and emerging business procedures.

<u>Workplace Readiness</u> _____	9	Year	2 Credits
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SCED Code: 12001

Prerequisite: None

Workplace Readiness is a career and technical education business course. The curriculum provides instruction based on career exploration, introductory business/economic concepts, with an emphasis on the integration and application of current technology, communication, employability skills, and personal financial responsibility.

<u>Business Communications</u> _____	10, 11, 12	Year	2 Credits
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SCED Code: 12009

Prerequisite: Workplace Readiness

Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application.

<u>Introduction to Accounting</u>	11,12	Semester	1 Credit
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SCED Code: 12104

Prerequisite: None

Accounting I is an introductory course in accounting fundamentals and procedures. It includes capturing and analyzing business data and financial statement preparation. The double-entry bookkeeping system is presented with a focus on the end result of the accounting cycle, the financial statement. There is a focus on real-world applications designed to help students see the critical role accounting plays in the business world.

Accounting II 11,12 Semester

SCED Code: 12104

Prerequisite: Introduction to Accounting

Accounting is the most dynamic tool of business! Topics covered in this course include accounting for: bad debts, notes receivable and payable, merchandise inventory, intangible assets, partnerships, corporations, statement of cash flow and analyzing financial statements. There is a focus on a real-world applications designed to help students see the critical role accounting plays in the business world.

Hospitality and Tourism Management Courses

Hospitality and Tourism Management 9,10,11,12 Year 2 Credits

SCED Code: 16001

Prerequisite: None

Note: Students are required to attend all field trips in order to successfully pass this course and encouraged to participate in scheduled community activities.

This course is designed for students to develop, and practice performing, the knowledge, skills, and tasks required for success as an employee in the HTM industry. Focus on Life Skills – Building confidence and comfort in speaking to and working with people. Professional demonstrations from area experts as well as off-site familiarization tours of Iowa HTM businesses are included.

Exploration of Hospitality Careers

Exploration of Hospitality Careers courses survey a wide array of topics while exposing students to the variety of career opportunities in hospitality fields (such as food service, lodging, tourism, and recreation). These courses serve to introduce students to the

general field of hospitality, providing an opportunity to identify a focus for continued study.

Hospitality and Tourism Management II **10,11,12** **Year** **2 Credits**
SCED Code: 16152

Prerequisite: Hospitality and Tourism Management I

Note: Students are required to attend all field trips in order to successfully pass this course and encouraged to participate in scheduled community activities.

This advanced course in HTM focuses on the new management skills required to succeed in the 21st century economy. Discussing how embracing diversity as an organization and empowering employees can help meet the needs of global guest audiences. Focus on Life Skills – Building confidence and comfort in speaking to and working with people. Professional demonstrations from area experts as well as off-site familiarization tours of Iowa HTM businesses are included.

Health and Fitness Courses

Health I **10,11,12** **Semester** **1 Credit**
SCED Code: 08051 Health Education

Prerequisite: None

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Health II **10,11,12** **Semester** **1 Credit**
SCED Code: 08052 Health and Fitness

Prerequisite: None

Health and Fitness courses combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness

circuits) with the intention of conveying the importance of life-long wellness habits.

Physical Education **9,10,11,12 Semester 1 Credit**
Hour
SCED Code: 08001 Physical Education

*Enrollment required each semester unless students meet state-approved exemptions requirements. Students are exempted from physical education classes for religious reasons or if a physician has certified a child as physically unable to participate in physical education.

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Strength and Agility **9,10,11,12 Semester 1 Credit**
Hour
SCED Code: 08009 Weight Training

*Enrollment satisfies the State of Iowa Physical Education Requirement.

*Student must be approved by the instructor.

This advanced physical education class consists of weightlifting, plyometrics, agility training, and body core movements. The class is intended to improve athletes both on and off the playing fields.

Industrial Technology Courses

Exploring Industrial Tech _____ **9,10,11,12 Year 2 Credits**

SCED Code: 13003 Industrial Arts

Prerequisite: None

Fee: TBD

This Industrial Arts course will allow students to explore the tools and equipment that they may encounter in Manufacturing, Construction and the Automotive related

occupations and enable them to develop the basic skills they need to use these tools in various applications. Course topics typically include (but are not limited to) beginning drafting, woods processes, metals processes, and power technology. These topics will also cover general safety and career exploration as well.

Wood Processing/Production 10,11,12 Semester 1 Credit

SCED Code: 13054 Wood Processing/Production

Prerequisite: Exploring Industrial Tech

Fee: TBD

The Wood Processing/Production course allows students to study the physical and chemical properties of woods and composites made from woods and to use these materials to construct usable products according to industry standards. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

Small Engines 10,11,12 Semester 1 Credit

SCED Code: 20109 Small Engines Mechanics

Prerequisite: Exploring Industrial Tech

Fee: TBD

This class covers the systems associated with the operation of a small, overhead valve, gas engine. The students will cover the engine systems and components as well as “tear down” an engine, inspect the parts and “rebuild” the engine. The engine will then be started for assessment.

CAD/3D Printing 10,11,12 Semester 1 Credit

SCED Code: 21107 CAD Design & Software

Prerequisite: Exploring Industrial Tech

CAD Design and Software courses introduce students to the computer-aided drafting systems available in the industry. Students will also learn basic software used for CNC Routers, CNC Plasma CAM, and Laser Printing.

Residential Wiring **10,11,12** **Semester** **1 Credit**
SCED Code: 13003 Industrial Arts

Prerequisite: Exploring Industrial Tech

This class features the wiring practices used in single family residences. The students will learn the theories and best practices used in wiring through studying individual units, diagramming various circuits, and actual practice wiring using prefab walls. Each student will be required to demonstrate proper diagramming and then be able to “wire” various circuits for assessment. Circuits to be wired will include single switches, three-way switches, four-way switches, receptacle circuits and combination circuits.

Product Development **11,12** **Semester** **1 Credit**
SCED Code: 13103 Product Development

Prerequisite: Exploring Industrial Tech, Intro To Welding, Wood Processing/Production
Fee: The fees will depend on the individual projects of the students.

Product Development courses provide students with the opportunity to focus on one or more areas of industrial technology to design or redesign a product to solve a problem. Students may build prototypes and working models and may evaluate the product and process according to industry standards.

Language Arts Courses

English I **9** **Year** **2 Credits**
SCED Code: 01001 Eng./LA I, 9th grade

Description: Required course for all students, which is designed to provide learning experiences in the six facets of communication: reading, writing, speaking, listening, viewing and visual expression.

Emphasis is placed on listening skills, developing good study skills, research skills, developing personal responsibility, and acquaintance with technology resources. We work with short stories, novels, drama, and nonfiction to promote understanding of literary elements and techniques. In the pursuit of improved writing, students practice free writing and journaling. Descriptive writing and other creative writing are developed using myths and metaphors as a learning vehicle. Throughout the year, students focus on the parts of speech, with special emphasis on correct paragraph construction. Later

in the year, the focus shifts to concrete writing, including thank-you notes, letters of inquiry, and exploration of consumer issues. Through the thorough reading of a novel, the students explore social issues like injustice, heroism, personal responsibility, and coming of ages. Their daily discussions and writings help them to understand the contemporary importance and historical setting of the work. A study of Shakespeare introduces the students to his plays and his influence on literature since his time. The high school vocabulary program is introduced; students are tested at the beginning to provide appropriate materials to meet individual needs.

<u>English II</u>	10	Year	2 Credits
SCED Code: 01002 Eng./LA II, 10th grade			

Description: English/Language Arts II (10th grade) course offering a balanced focus on composition and literature. Students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Students can improve their reading rate and comprehension and develop the skills to determine the author’s intent and theme and to recognize the techniques used by the author to deliver his or her message. Students continue development of skills in writing, reading, listening, speaking, viewing, visual expression and vocabulary. In all units, the focus is on helping students to think independently, develop and defend opinions, communicate effectively for a variety of purposes, and read and analyze a variety of information.

A career-exploration unit allows students to inquire and analyze future careers, culminating in a career-exploration day. Additionally, students will read independently throughout the year.

<u>English III</u>	11	Year	2 Credits
SCED Code: 01003 Eng./LA III, 11th grade			

Prerequisite: English I and II

A year-long class, in which thematic units are used to develop foundational skills in writing, reading, listening, speaking, viewing, and vocabulary. The focus is on helping students think independently, develop and defend opinions, communicate effectively for a variety of purposes, and read and analyze a variety of quality American literature.

Students are encouraged to grow as independent writers and thinkers through an emphasis on the writing process. Units will correspond with time periods covered in American History.

English IV **12** **Year** **2 Credits**
SCED Code: 01004 Eng./LA IV, 12th grade

Prerequisite: English I and II

A year-long class, in which thematic units are used to develop foundational skills in writing, reading, listening, speaking, viewing, and vocabulary. The focus is on helping students think independently, develop and defend opinions, communicate effectively for a variety of purposes, and read and analyze a variety of quality American literature. Students are encouraged to grow as independent writers and thinkers through an emphasis on the writing process. Units will correspond with time periods covered in American History.

DMACC Comm Skills **12** **Semester** **1 credit**
3 DMACC Credit Hrs.

Reading, writing, speaking and listening are studied as methods of exploring and evaluating technological advances in trades and industry. Adapting communication for different audiences, evaluating industry-related literature and basic business writing are emphasized. Students will learn about the communication process, building relationships, and advance their public speaking skills..

Multimedia **10, 11, 12** **Semester** **1 credit**
Prerequisite: English 1 or instructor approval

Students will examine the social and political environments that they live in based on the media that surrounds us. Students will critique, analyze and explore a number of media through different literary lenses. In this course students will explore a multitude of media text: art, movies, advertisements, interviews, novels, short stories, and photographs.

Creative Writing **10, 11, 12** **Semester** **1 credit**

Prerequisite: English I or instructor approval

Creative writing is a one-semester course offering students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft; therefore, this course features the reading, interpretation, and analysis of fiction, poetry, and drama as tools for creative writing. Students will produce and publish short stories, poems, and/or plays in a workshop setting, and the course will rely heavily on the writing process, share alouds, peer-editing, and revision techniques.

Young Adult Literature

Semester

1 Credit

SCED Code: 01061 Literature of a Genre

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one or several genres, such as poetry, essay, biography, short story, drama, film, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

Mathematics Courses

General Math I and II

9, 10

Year

2 Credits

SCED Code: 02002

Prerequisite: None

Description: General Math I and II is designed to teach Algebra 1 concepts with real life applications over a two-year span. Concepts covered in General Math 1 are: variables, expressions, integers, rational numbers, solving equations and inequalities, factors, fractions, exponents, ratios and proportions, and probability.

The second course in the sequence, General Math II will cover percents, linear functions, real numbers, right triangles, measurement, area, volume, probability and data analysis.

and spatial aspects of the world around us, but hone their previous skills. Geometry is a skill that is needed whether going to a 4 year university, 2 year program, or directly into the working world. By the end of the course, students will have studied geometry terminology and symbols, reasoning/logic skills, proofs, measurement, angles, parallel and perpendicular lines and their properties, triangles and their properties, polygons, quadrilaterals, circles, similarity, surface area and volume. Additionally, students receive a complete education in basic trigonometry (triangles alone, unit circle trigonometry is reserved for precalculus). This course is required for students planning to attend a four-year college or university.

Algebra 2 _____ **10,11,12** **Year** **2 Credits**

SCED Code: 02056

Prerequisite: Successful completion of Algebra I and Geometry. (may be doubled up with Geometry with instructor’s permission)

Description: This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as systems of equations, advanced polynomials, imaginary and complex numbers, quadratics, and includes the study of trigonometric functions. It also introduces matrices and their properties. The content of this course are important for students’ success on both the ACT and college mathematics entrance exams. Students who complete Algebra II should take Pre-Calculus next. Materials are supplemented with video presentations from Khan Academy, YouTube and other Internet resources. Microsoft EXCEL as well as Google Spreadsheets. This course is a prerequisite for Pre-Calculus and Statistics. (May be doubled up with Statistics with instructor’s permission.)

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; transformations of functions, graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents. Algebra II also includes the study of polynomial, logarithmic, exponential, rational functions, and conic sections and their graphs.

Pre-Calculus _____ **11,12** **Year** **2 Credits**

SCED Code: 02110

Prerequisite: Successful completion of Geometry and Algebra II

Description: Combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Mathematical Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

This is the fourth math class in a sequential program of study. The main focus is on functions. Students will learn to analyze, and graph functions by hand and with graphing calculators. Student will be able to determine when various functions fit the data or model, characteristics of functions, transformations, and determine domains and ranges. Types of functions studied include but are not limited to polynomials (constants, linear, quadratic, cubic...), absolute values, step functions, piecewise functions, rational functions, exponential functions, logarithms, and trigonometric functions. Students will learn the use of graphing calculators as a mathematical tool. A graphing calculator is required for this class and will be supplied for students without access to one.

DMACC Calculus (MAT 211)

11,12

Sem/Year

2 Credits

SCED Code: 02121

DMACC 5 Credit Hrs.

Prerequisite: Successful completion of Geometry, Algebra II and Pre-Calculus, and meeting the required minimum score on the ALEKS placement exam.

Description: Includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Students will have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and mathematical analysis).

This course is for students who will need an introduction to calculus for college. The second semester of this class is worth 5 DMACC credits. Units of study include but are not limited to a review of pre-calculus topics, limits and their evaluation numerically, graphically and analytically, continuity, derivatives and the tangent line problem, rules of differentiation (power rule, quotient rule, chain rule...), higher order derivatives, applications and related rates, extrema, concavity, optimization, differentials, antiderivatives and integration, integration by substitution and area under a curve. A graphing calculator is required for this class and will be supplied for students without access to one.

DMACC Statistics (MAT 157) **11,12** **Sem/Year** **2 Credits**
SCED Code: 02205 **4 DMACC Credit Hrs.**

Prerequisite: Successful completion of Algebra II, or instructor's permission, and meeting the required minimum score on the ALEKS placement exam.

Description: Involves the major concepts and methods used to collect, analyze, and draw conclusions from data. Topics typically include populations and samples, measures of central tendency and variability, hypothesis testing, presentation, and making statistical inferences.

Today, more than ever, statistics plays a very important role in our lives. Being able to analyze and interpret data is essential. Students planning to attend a two or four year college or university, where statistics is required in the course work, are strongly encouraged to take statistics in high school. *The second semester of this class is worth 4 DMACC credits.* Units covered include: distributions of data, numerical calculations for central tendencies, probability, probability distributions, normal distributions sampling, estimation, hypothesis testing, linear correlations and regression. A graphing calculator is required for this class and will be supplied for students without access to one.

Applied Math (MAT 772) **11,12** **Year** **2 Credits**
SCED Code 02153 **3 DMACC Credit Hrs.**

Prerequisite: 2 years of high school mathematics

This is a course in elementary mathematical skills for technicians. Topics covered include fundamental operations with whole numbers, fractions, decimals, and signed numbers; percents; geometric figures and basic constructions; area and volume formulas; English/Metric systems; measurements and the interpretation of graphs and charts.

Students who want to receive 3 college math credits must receive a B- or better, otherwise the class will be offered for 3 college elective credits. **This only provides college math credit in certain majors.**

Technical Mathematics courses extend students' proficiency in mathematics, and often apply these skills to technical and/or industrial situations and problems. Technical Mathematics topics may include but are not limited to rational numbers; systems of measurements; tolerances; numerical languages; geometry; algebra; statistics; and using tables, graphs, charts, and other

data displays. Technology is integrated as appropriate.

Music Courses

Instrumental Music

Marching Band **9,10,11,12** **Semester** **1 Credits**

SCED Code: 05103

Prerequisite: None

Description: The marching band is comprised of all students registered for band. The color guard is chosen through an audition process, which takes place in the spring. The marching band performs at all home football games, the Homecoming parade and various invitational marching band competitions. The marching band also adds spirit and enthusiasm to all local pep assemblies.

Concert Band **9,10,11,12** **Semester** **1 Credits**

SCED Code: 05103

Prerequisite: None

Description: The concert band is the main performing organization in the Instrumental Music Department and is comprised of all students registered for band. The concert band performs a wide variety of music that exposes the student to quality band literature while teaching music education through participation and performance. The concert band performs at the winter concert, spring concert, large group contest and graduation ceremonies

Jazz Band: The jazz band is comprised of students registered for concert band both semesters. All students are eligible to participate and perform at various home concerts. The traveling jazz band is limited to a predetermined instrumentation; five saxophones (2 altos, 2 tenors, 1 baritone), five trumpets, four trombones, drums, bass, guitar, piano, auxiliary percussion and vibes.

The jazz band participates in various competitions. Students are encouraged to solo and to gain experience in improvisation. The group rehearses before school starting in October.

Solo and Ensembles: Band students are encouraged to participate in ensembles and/or prepare a solo for the Iowa High School Music Association Solo and Ensemble Contest. These festivals give each student the opportunity to perform chamber number and /or solo music and help to develop the individual into the best musician possible and thereby improve the overall quality of the instrumental music program.

Lessons: Every student is scheduled to receive one twenty-minute lesson per cycle. The student and director work together to improve the overall musicianship of the student, which will also help the overall quality of the instrumental music program

Vocal Music

Mixed Chorus **9,10,11,12** **Semester** **.5 Credit**

SCED Code: 05110

Prerequisite: None

Description: Everyone in grades 9-12, regardless of whether you think you're a good singer or not, is encouraged to try Mixed Chorus. Mixed chorus meets every other day. Each year includes three performances a fall, winter and spring concert. No outside practice time is required. If you intend to be in show choir or chamber choir, you must also be a member of mixed chorus. Vocal lessons are required.

Chamber Choir **9,10,11,12** **Semester** **.5 Credit**

SCED Code: 05111

Prerequisite: Approval of the instructor

Description: The chamber choir is Ogden's select vocal ensemble. The concentration is on excellence in performance. This is a group of from 24 to 30 singers who (1) can read music rapidly and (2) have had vocal training. Chamber choir members must have lessons scheduled. The chamber choir performances include: All-State auditions, three chamber choir competitions, solos and ensemble contests. Chamber choir is for the highly motivated vocal musician.

Show Choir: Ogden's show choir, known as the Bulldog Beat, is a premier and award winning show choir. Auditions for this choir are held each spring and freshman are welcome to try out. This choir competes at four festivals each year. There is also a

show choir band that plays for the Bulldog Beat. Rehearsals for this group occur outside of class time.

Independent Music: Several possibilities exist for the independent music course:

1. Basic Music Theory - This instruction deals with ear training, keyboard training, written work and sight singing as college preparatory training. In addition, music of the past and present is studied with emphasis toward writing and performing various types of music. This course is designed for the student who plans to major or minor in music at the university level.
2. Methods – This course is designed for the student who plans to major or minor in college and deals with the learning of various instrumental music families, i.e., woodwind, brass and percussion. Students are encouraged to learn basic technique on the clarinet, trumpet and snare drum, with emphasis on other instruments as time permits.
3. Elementary methods involves teaching and learning about music education at the elementary level. This course needs the approval of the instructor and requires three to five hours a week at the elementary school.

Science Education Courses

<u>Biology</u>	9	Year	2 Credits
SCED Code: 03051			

Biology is the study of life. The course studies the environment and interactions of all organisms. Systems of individual organisms and how they function will also be covered. Curriculum is delivered through online computer-based and classroom learning. It will be supplemented with hands on group projects and lab activities. This course is required for graduation.

<u>Physical Science</u>	10	Year	2 Credits
SCED Code: 03159			

This course is an introductory course of topics that will be later developed in chemistry and physics. Topics will include forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions. Curriculum is delivered through online computer-based and classroom learning. It will be supplemented with hands on group projects and lab activities. This course is required for graduation.

Chemistry II is a continuation course from Chemistry I. Chemistry II will cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. Recommended for students that have a strong desire to go into a science/medicine related fields.

Anatomy and Physiology **11,12** **Year** **2 Credits**

SCED Code: 03053

Prerequisite: Biology and Instructor approval needed

Anatomy & Physiology is a year course designed for the student who is looking for more study in the human body. The anatomy and physiology of the systems of the body are studied in depth. Medical terminology involves studying the terminology of the medical field. Students learn the signs, abbreviations, words and meanings in this field. It is an upper level college prep course so instructor approval is needed.

Social Studies Courses

Early World History **10,11,12** **Semester** **1 Credit**

Hours

SCED Code: 04058 (Ancient Civilizations)

Prerequisite: None

This course is an interactive project-based class setting, with a variety of activities allowing students to reach their potential in their strongest style of learning.

The first semester course provides a survey of the evolution of society from the ancient Middle East through Greek and Roman civilizations. Students study the rise and fall of civilizations and empires, with an emphasis on the legacies they provide to successive societies.

The first semester highlights the classical civilizations of Egypt, Mesopotamia, India, and China, followed by the classical eras of Greece and Rome. These civilizations laid

the basis for civilization as we know it today. First semester also gives a basic geographical lesson of the Eastern Hemisphere.

Modern World History 10,11,12 Semester 1 Credit
SCED Code: 04053 (Modern World History)
Prerequisite: None

This course is an interactive project-based class setting, with a variety of activities allowing students to reach their potential in their strongest style of learning.

Second semester World History course provides an overview of the history of human society in the past few centuries—from the Renaissance period, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

Second semester focuses on a study of the Western World. Europe is full of the excitement of the Renaissance, the rise and fall of Monarchs and the Church, the Enlightenment, Revolutions, Imperialism and the beginning of World Wars. All of these topics, and more, are covered in World History.

American History 11 Year 2 Credits
SCED Code: 04103 (Modern U.S. History)
Prerequisite: None
Graduation Requirement

American History is required for all students. Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments.

It begins with an examination of the Civil War, and continues through the 19th century to cover WWI, WWII, and the Cold War. Multiple facets of history are discussed such as popular culture, world politics in relation to the US, and parallels throughout history that connect today's students to the past.

Iowa: Then and Now 9, 10, 11, 12 Semester 1 Credit
SCED Code: 04105 (State-Specific Studies)
Prerequisite: None

This elective course focuses on Ogden, Central Iowa, and the role Iowa and Iowans

have had in our history. The course examines the history, politics, economics, society, and/or cultures of Iowa. This course focuses primarily on the history of that state as well as the contemporary issues of Iowa. The course is inquiry-based, requiring students to investigate deeper than basic internet research. Skills such as researching, writing, and interviewing will be taught and assessed. Communication and collaboration will be vital for assembling projects and events. Students should be self motivated as the emphasis of the course is the completion of large tasks and endeavors.

Current Affairs **11, 12** **Semester** **1 Credit**

SCED Code: 04064 (Contemporary World Issues)

Prerequisite: None

This course offers an in-depth study to contemporary political, economic, and social issues throughout the world including global relations, environment, crime, social media and many others. The content is driven by student interest and current events. Students will study topics and formulate opinions and solutions based on research and discussion. The course is designed to develop critical thinking skills such as analysis, debate, inquiry, and writing. It provides students with opportunities to explore different points of view and look at historical causes of current issues.

Sociology **11,12** **Fall** **1 Credit Hours**

SCED Code: 04258

Prerequisite: None

This is a survey course that introduces students to the study of human behavior in society. Content includes: history and development of sociology as a discipline, culture, norms, roles and statuses, social control, nurture vs. nature, socialization, deviance, and social stratification, social institutions, social change, relationships among individuals and groups in society.

Psychology **11,12** **Spring** **1 Credit Hours**

SCED Code: 04254

Prerequisite: None

This is a survey course that introduces students to the study of human behavior and mental processes. Topics include: history and development of psychology as a discipline, learning, memory, the brain, sensation and perception, motivation and emotion, consciousness, developmental psychology/human growth and development,

personality, and abnormal behavior.

American Government/Economics 12 Year 2 Credit Hours

SCED Code: 04160- (U.S. Government, Civics, and Economics)

Prerequisite: None

Graduation Requirement

American Government is a required course for all students. It involves a study of the political operation of the United States government, local, state and national. Topics include: foundations in government, the Constitution, elections and politics, three branches of government and our basic rights as individuals. The course also includes economics with an overview of basic principles of market economics including supply and demand. Students will also explore consumer topics such as credit, investments, financing college, and insurance.

This course is designed to prepare students to perform effectively as informed citizens.

World Cultures 9,10,11,12 Fall 1 Credit Hours

SCED Code: 04061 (World Area Studies)

Prerequisite: None

This course is a geography-based examination of the continents and countries of the world. Using information about geography and history, students will understand the cultures of various locations around the world. The project-based class will provide students with an opportunity to explore global society and contemporary issues that have been influenced by historical events, politics, and economics.

World Language Courses

Spanish 1 9,10,11,12 Year 2 Credits

SCED Code: 24052

Prerequisite: C- or above in 8th grade LA / Reading

Spanish 1 prepares students to speak and write in Spanish at a basic level. Students learn basic communication phrases and verb conjugations. Vocabulary covered includes: numbers 0-100, school items, family members, foods and drinks, weather

phrases and clothing. Storytelling and songs are used to acquire Spanish. Students develop beginning reading and conversational skills, laying the foundation for further study of the language. Students are introduced to Hispanic culture.

Spanish 2 **10,11,12** **Year** **2 Credits**

SCED Code: 24053

Prerequisite: C- or above in Spanish 1

Spanish 2 builds upon knowledge gained in Spanish I and expands students' vocabulary. Vocabulary covered includes: body parts, emergency Spanish and adjectives. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. As in Spanish I, storytelling and songs are used to acquire Spanish. Students are introduced to future tense. An interweaving of culture enhances students' appreciation of Spanish-speaking countries.

Spanish 3 **11,12** **Year** **2 Credits**

SCED Code: 24054

Prerequisite: C- or above in Spanish 2

Spanish 3 builds upon knowledge gained in Spanish 1 and 2. Vocabulary covered includes: personal hygiene items, household items and restaurant phrases. Students will continue to develop listening, speaking, reading and writing skills. There is an increased emphasis on grammar, and students are introduced to the past tenses. Issues surrounding legal and illegal immigration are discussed. Each month a famous Hispanic person is spotlighted.

Spanish 4 **12** **Year** **2 Credits**

SCED Code: 24055

Prerequisite: C- or above in Spanish 3

Spanish 4 builds upon knowledge gained in Spanish 1, 2 and 3. Students will continue to develop listening, speaking, reading and writing skills. There is an increased emphasis on grammar, and students are introduced to conditional tense and indicative and subjunctive moods.

Students use their vocabulary and grammar skills to write and present a cooking show and a presidential speech, write and film a commercial and write and present a newscast. Each month a food or drink from a Spanish-speaking country is prepared in class.

Special Education Courses

Study Skills 1, 2, 3, 4 **9, 10, 11, 12** **Year** **2 Credits**

SCED Code: 22003 STUDY SKILLS

Prerequisite: None

Description: Study Skills classes prepare students for success in high school and/or for postsecondary education. Course topics may vary according to student needs, but typically include reading improvement skills, such as scanning, note-taking, and outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing. Classes will be designed around the individual needs of the students.

Basic English 1, 2, 3, 4 **9, 10, 11, 12** **Year** **2 Credit Hours**

SCED Code: 01009 LANGUAGE ARTS LABORATORY

Description: Basic English classes provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities. Classes will be designed based on the individual student's skills and needs outlined by the student's IEP.

Basic Math 1, 2, 3, 4 **9, 10, 11, 12** **Year** **2 Credits**

SCED Code: 02001 INFORMAL MATHEMATICS

Prerequisite: None

Description: Basic Math classes emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world

problems. Classes will be designed based on the individual student's skills and needs outlined by the student's IEP. 1

Basic World History **9, 10, 11, 12** **Year** **2 Credits**
Hours
SCED Code: 04099 WORLD HISTORY-OTHER

Description: Basic World History will provide instruction on world history as determined by the individual student's skills and needs outlined by the student's IEP.

Basic US History **11, 12** **Year** **2 Credits**
SCED Code: 04149 US HISTORY-OTHER

Description: Basic US History will provide instruction on history of the United States as determined by the individual student's skills and needs outlined by the student's IEP..

Basic Government **12** **Year** **2 Credits**
SCED Code: 04199 GOVERNMENT, POLITICS AND LAW-OTHER

Description: Basic Government will provide instruction on the American government as determined by the individual student's skills and needs outlined by the student's IEP.

Basic Biology **9, 10, 11, 12** **Year** **2 Credits**
SCED Code: 03099 BIOLOGY-OTHER

Description: Basic Biology will provide instruction in biology as determined by the individual student's skills and needs outlined by the student's IEP.

Basic Physical Science **10, 11, 12** **Year** **2 Credits**
SCED Code: 03999 Sciences-Other

Description: Basic Physical Science will provide instruction in physical science as determined by the individual student's skills and needs outlined by the student's IEP.

Life and Physical

Basic Earth Science **10,11,12** **Year** **2 Credits**
SCED Code: 03049 EARTH SCIENCE-OTHER

Basic Earth Science will provide instruction on the universe and Earth as determined by the individual student's skills and needs outlined by the student's IEP.

Life Skills **9,10,11,12** **Year** **2 Credits**
SCED Code: 08057 Health & Life Management

Life skills will focus on personal health topics (such as nutrition, cooking, and stress management) including helping students develop decision-making, communication, interpersonal, and coping skills and strategies. Individual skills and needs will be outlined by the student's IEP.

Life Skills **9,10,11,12** **Year** **2 Credits**
SCED Code: 22153 Diversified Occupations

Vocational skills will help students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work-related skills. It will cover cover career planning and selection, money management, communication skills, interpersonal business relationships and behaviors, and personal responsibility. Employment may be a required component of this course, or students may be required to enroll concurrently in a work experience course.

RAI Worksheet

Appendix A

Go to <http://www.regents.iowa.gov/RAI/index.html> to unofficially determine potential eligibility for admission to University of Iowa, Iowa State University, University of Northern Iowa.

Students from Iowa high schools planning to begin their studies in fall 2009 or later must have a Regent Admission Index score of at least 245 and take the minimum number of required high school courses to qualify for automatic admission to Iowa State University, the University of Northern Iowa, and the College of Liberal Arts and Sciences at The University of Iowa. Students who achieve a score less than 245 will be considered for admission on an individual basis.

The index combines four factors that strongly predict success at regent universities: ACT or SAT test score, high school rank, high school cumulative grade-point average, and the number of completed high school core courses.

ACT/SAT Score

Core Courses

(English, math, science, social studies, foreign language)

1 year = 1 credit/point on RAI scale

9th Grade	
10th Grade	
11th Grade	
12th Grade	

Total	
GPA	
Class Rank	

Ogden High School

Appendix B

Add/Drop Class
Permission Form

Student Name:		Grade:	
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Current Schedule	New Schedule	Teacher Signature
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Parent Signature:	
Counselor Signature:	

