

SCIO HIGH SCHOOL REGISTRATION INFORMATION

INTRODUCTION	2
REGISTRATION PROCEDURE	2
SCIO HIGH SCHOOL GRADUATION REQUIREMENTS	3
ATTENDANCE REQUIREMENTS	3
CREDIT REQUIREMENTS.....	3
EXPANDED OPTIONS PROGRAM.....	3
SPECIFIC REQUIRED COURSES	4
COLLEGE ENTRANCE REQUIREMENTS.....	5
CAREER CLUSTERS	6
<u>MENTOR MENTEE</u>	8
<u>LANGUAGE ARTS</u>	9
<u>WORLD LANGUAGE</u>	13
<u>SOCIAL STUDIES</u>	15
<u>SCIENCE</u>	20
<u>HEALTH AND PERFORMANCE RELATED FITNESS</u>	22
<u>HEALTH</u>	22
<u>FINE ARTS</u>	23
<u>ART and PHOTOGRAPHY</u>	24
<u>APPLIED ARTS</u>	25
<u>AGRICULTURE SCIENCE AND TECHNOLOGY PROGRAM</u>	26
<u>WOODSHOP</u>	27
<u>FORESTRY/NATURAL RESOURCES</u>	28
<u>METALS – MECHANICS</u>	29
<u>FAMILY AND CONSUMER STUDIES</u>	30
<u>ADDITIONAL STUDENT OPPORTUNITIES</u>	32
CREDIT BY PROFICIENCY	33
CREDIT BY EXAMINATION	33
AT RISK STUDENTS.....	34
STUDENTS MAY BE CONSIDERED FOR "AT RISK" SCREENING IF:.....	34
AT RISK STUDENT PROCEDURE.....	35
APPEAL PROCEDURE:	35
GED OPTIONS PROGRAM.....	35

INTRODUCTION

Scio High School offers a wide selection of courses that allows students the opportunity to plan an individualized program of study that provides basic knowledge and skills, which meets the school and state graduation requirements, and is tailored to individual needs. This booklet is made available to you to help you to select and register for the courses that will meet your needs.

Classes may be offered based on student interest as indicated through forecasting.

With few exceptions, SHS offers all courses on a semester basis. For many classes, however, a student will need to take two courses in sequence to meet a requirement. The following subject matter areas are included in the high school curricula:

LANGUAGE ARTS	CAREER EDUCATION	WORLD LANGUAGE
MATHEMATICS	SOCIAL SCIENCE	HEALTH EDUCATION
HOME ECONOMICS	PHYSICAL EDUCATION	SCIENCE
ARTS	COMPUTER EDUCATION	THEATER ARTS
VOCATIONAL ED		

Required and elective courses necessary to meet school and state requirements are offered in each of these areas.

The District 95C Board of Directors Graduation Policy contains other options for meeting requirements. These options include:

OFF-CAMPUS EXPERIENCES	INDEPENDENT STUDY
CREDIT BY EXAMINATION	SIMULTANEOUS ENROLLMENT
GED RELEASE	NON-CREDIT WAIVER
PROFICIENCY CREDIT	

Guidelines for exercising these options will be made available upon request. An application procedure is required, so plan in advance.

REGISTRATION PROCEDURE

1. Read and study this "**LOGGER REGISTRATION**" booklet.
2. Plan your high school program to meet:
 - a. Your own personal needs.
 - b. School and state graduation requirements.
 - c. College entrance requirements.
3. Consider the courses you need to meet requirements.
4. Consider your future plans and goals.
5. Identify the courses you wish to take during the **2017-2018** school year.

SCIO HIGH SCHOOL GRADUATION REQUIREMENTS

Scio High School Graduation Requirements include the following minimum performance areas:

1. **ATTENDANCE REQUIREMENTS**
2. **CREDIT REQUIREMENTS**

ATTENDANCE REQUIREMENTS

Generally eight (8) semesters of attendance are required. However, the Graduation Policy adopted by the District 95C Board of Directors provides some options for early or delayed graduation. Guidelines for exercising these options are available upon request. Advanced planning (summer school, simultaneous enrollment, etc.) and an application procedure are required.

CREDIT REQUIREMENTS

Each student shall be required to accumulate a minimum of twenty-four and a half (24.5) units of credit in grades nine through twelve to be eligible for graduation.

Units of credit shall be completed as follows:

Language Arts...	4	Units
Speech.....	.5	Units
Mathematics.....	3	Units
Science.....	3	Units
U.S. History.....	1	Unit
Global Studies.....	1	Unit
Government.....	.5	Units
Health Education.....	1	Unit
Physical Education.....	1	Unit
Career Development.....	.5	Units
Consumer Economics.....	.5	Units
Applied Arts, Fine Arts, World Language	1	Unit
Computer Literacy.....	.5	Units
Electives.....	7	Units

24.5 Units

EXPANDED OPTIONS PROGRAM

Expanded Options Program provides eligible students the opportunity to take identified courses at Linn-Benton Community College. Courses must not duplicate ones available at the student's high school and must be part of a Personalized Educational plan. Eligible students must notify the school by May 15 if they meet the criteria and they are interested in participating in this program.

SPECIFIC REQUIRED COURSES

Note: Students must be enrolled in courses as indicated by grade level. Any freshmen or sophomore interested in taking an upper level course in English, Science, and Social Studies must meet necessary requirements and obtain instructor approval.

9th Grade

English 9 (1.0 credit)
Mathematics (1.0 credit)
U.S. History (1.0 credit)
Physical Science (1.0 credit)
Electives

10th grade

English 10 (1.0 credit)
Mathematics (1.0 credit)
Global Studies (1.0 credit)
Biology (1.0 credit)
Electives

11th Grade

English 11 (1.0 credit)
Mathematics (1.0 credit)
Government (0.5 credit)
Economics (0.5 credit)
Science (1.0 credit)
Electives

12th Grade

English 12 (1.0 credit)
Electives

Students are required to take PE (1.0 credit), Computer Literacy (.5) and Health (1.0 credit), during the four years at SHS. Students may meet the Speech requirement through Agriculture classes by accumulating points.

Elective courses are selected in order to meet individual needs and to fulfill requirements.

Drivers Education

The behind-the-wheel portion of Driver's Education is offered during the summer and during the school year as scheduled by the instructor. Six clock hours of behind-the-wheel and six clock hours of observation time are required in order to complete this portion of Drivers Education.

COLLEGE ENTRANCE REQUIREMENTS

Scio High School graduation requirements and college entrance requirements are not the same. A student will need to meet the following requirements if they are planning to enroll in one of the Oregon State System of Higher Education four-year schools.

COURSE REQUIREMENTS DEFINED:

<u>Subject</u>	<u>Years of Study</u>	<u>Remarks</u>
English	4	All four years in preparatory composition and literature with emphasis on and frequent practice in writing expository prose.
Math	3	Shall include Algebra 1, Geometry, and third year of college preparatory mathematics such as Algebra 2. (Algebra and geometry taken in the ninth grade accepted). (It is recommended that the fourth year of advanced math such as; Pre-Calculus or Calculus be taken the Senior year in order for students to have a broad selection of college majors).
Science	3	Shall include a year each in three fields of college preparatory science such as Biology, Chemistry, Physics, or earth and physical science (one recommended as a laboratory science).
Social Studies	3	Shall include one year of U.S. History, one year of Global Studies (world history, geography, etc.) and one-half year of Government; one-half year of Economics.
World Language	2	Shall include two years of the same high school level second language. If a student has a foreign language as their native language, they can meet the requirement by earning a C- or better in the third year of a high school level language class taking two terms of a college-level language with a grade of C- or higher or satisfactory performance on an approved assessment of second language.
TOTAL REQUIRED UNITS	15	

CAREER CLUSTERS

PREPARATION FOR PRESENT AND FUTURE

A **Career Cluster** is a beginning point for the students interested in more education or training in a broad career field. Career Clusters are offered to students in grades eleven and twelve. The Oregon State Department of Education defines "Career Cluster" as "the classification of occupations into logically related groups having authentic identical or similar work-performance requirements". The Career Cluster curriculum is designed to give opportunity for the student to gain basic skills and knowledge related to a broad career area rather than limiting his/her career experiences to a very narrow occupational pursuit. This enables the student to gain competencies that are essential to a number of related occupations. It also provides a broad base of skills upon which he/she can fall back on at a later date should retraining become necessary or desirable.

Career Clusters are designed around competencies that are common to related occupations. They aim to make students' high school experiences relevant to their selected career goals. Students develop acceptable job attitudes and skills, and are encouraged to become involved in cooperative work experience and vocational youth organizations. To establish a Career Cluster, it is necessary to identify and group together occupations that have similar competency requirements and altogether employ 10,000 or more people in Oregon.

COLLEGE PREP CLUSTER:

Classes:

College Prep English
Humanities (Drama, Art, Music, Lit/History)
Advanced Mathematics
Physics
Computer Literacy
Drafting
Advanced Biology
World Language - 2 years

Professional Fields:

Education
Engineering
Medicine
Law
Social Services
Psychology
Architecture
Scientist
Music
Art
Theater

GRAPHICS CLUSTER

Classes:

Annual
Digital Photography
Computer Graphics
Photography I
Photography II
Advanced Art

Professional Fields:

Journalism
Advertising
Communications
Art
Illustration
Architecture
Computer Aided Design

MECHANICAL CLUSTER

Classes:

Drafting I
Algebra 2
Chemistry
Woodworking
Small Engines
Welding

Professional Fields:

Construction Equipment
Mechanics
Diesel Mechanics
Mechanical Engineer
Millwright
Garage Foreman
Automotive Technician
Industrial Engineer Practical
Heating/Air Cond. Technician

FOREST PRODUCTS/NATURAL RESOURCE CLUSTER

Classes:

Forestry 1
Forestry 2
Forestry 3&4
Drafting I
Agriculture I
Chemistry
Algebra 2

Professional Fields:

Forestry Technician
Log Grader
Log Scalar
Timber Cruiser
Wildlife Technician
Range Management Technician
Forest Ranger
Soil Conservation
Park Naturalist
Forester
Christmas Tree Farmer
Entomologist
Logger

AGRICULTURE CLUSTER

Classes:

Agriculture I
Agriculture II
Agriculture III & IV
Algebra 2
Chemistry
Woodworking
Drafting 1

Professional Fields:

Ag Processing Plant Manager
Agronomist
Farm Laborer
Manager
Fertilizer Sales
Agricultural Chemist
Animal Nutritionist
Grain Elevator
Ag Machinery Dealer Mechanic
Field Person/ Salespersons
Custom Machine Operator
Farmer/ Rancher
Manager, Parts Service Person

MENTOR MENTEE

Mentor-Mentee

0.50 Credit, Required

Content:

All students are assigned a Mentor for the duration of their high school career. The Mentor/Mentee Class (M/M) meets once a month for 30 minutes. In the M/M class the student works with their Mentor to schedule their classes, monitor their academic progress, and to ensure that Graduation Requirements are being met. The product of the class is the M/M Portfolio that includes a Personalized Education Plan, a record of all Grade Reports and Transcripts, and an assemblage of the student's best pieces of work during their high school career. The class provides opportunities to research and participate in post-high school experiences through Career Reviews and Career Related Learning Experiences (Job Shadows). The M/M class also allows time to develop and complete the State Required Programs of Career Related Learning Standards (C.R.L.S.) and Extended Applications (E.A. or Senior Project). At the end of their Senior Year, students will have earned 0.5 credit in Career Education by the completion of all of the class requirements

Prerequisite:

None

LANGUAGE ARTS

Students will learn to use speaking, listening, writing, reading, and literature skills to understand and appreciate human experiences and to express themselves effectively and to function efficiently in society. Verbal communication requirement may be met by Speech.

Ninth and tenth grade students are permitted to take upper level courses in English if they meet the following requirements:

1. Recommendation of previous teacher in subject area.
2. Interview in appropriate area and teacher approval.
3. G.P.A. of 3.50 in the subject area.

English 9

1 Year, 1.0 Credit

Content: During the first semester students will gain vocabulary skills, learn informal speaking skills, and study one major novel. Students will participate in weekly vocabulary exercises related to their current unit of study. Students will learn public speaking skills and will present one impromptu speech. Students will learn basic reading skills while studying *Lord of the Flies* written by William Golding.

During the second semester students will read and study Shakespeare, American authors, explore narrative writing, and will begin to prepare for the OAKS test. Students will have an opportunity to read and act out scenes from *Romeo and Juliet*, written by William Shakespeare. Students will also read *To Kill a Mockingbird* by American author Harper Lee. Students will develop their writing skills by learning about narrative stories and by writing their own. Students will also receive training to prepare them for the State test that they will take their sophomore year. This training will give them the tools to be able to successfully pass their State Writing and Reading tests.

Prerequisite: None

English 10

1 Year, 1.0 Credit

Content: First Semester, students will write informative essays which will focus on the five paragraph essay. Students will study various short stories from different parts of the world as well as study different authors from different parts of the world. After studying short stories, students will write their own narratives to be evaluated for CIM. Students will explore a different culture by reading a novel from Nigeria.

Second semester, students will study advanced grammar skills such as some punctuation, syntax, as well as building vocabulary. Students will synthesize the use of researching different sources and write an informative research paper using proper documentation and formatting, as well as give a speech to their peers on their research. Students will also learn basic elements of poetry through poetry exploration and an opportunity to create their own poetry. Students will study medieval literature and make a speech about different jobs and occupations during the Medieval Era. Students will read a novel in class and focus on their reading, writing, and speaking skills in preparation for English 11.

Prerequisite: Sophomore standing

Honors English 10

1 Year, 1.0 Credit

Content: First Semester, students will write informative essays which will focus on the five paragraph essay. Students will study various short stories from different parts of the world as well as study different authors from different parts of the world. After studying short stories, students will write their own narratives to be evaluated for State Standards. Students will explore a different culture by reading a novel from Nigeria. Students will be expected to read one novel outside of class and give an oral and written presentation.

Second semester, students will study advanced grammar skills such as some punctuation, syntax, as well as building vocabulary. Students will synthesize the use of researching different sources and write an informative research paper using proper documentation and formatting, as well as give a speech to their peers on their research. Students will also learn basic elements of poetry through poetry exploration and an opportunity to create their own poetry. Students will study medieval literature and make a speech about different jobs and occupations during the Medieval Era. Students will read a novel in class and focus on their reading, writing, and speaking skills in preparation for English 11. Students will be expected to read one novel outside of class and give an oral and written presentation.

Prerequisite: Must receive a “C” or higher in English 9, placement test, instructor approval

English 11

1 Year, 1.0 Credit

Content: During the first semester students will gain vocabulary skills, learn formal speaking skills, and study two major American novels. Students will participate in weekly vocabulary exercises related to their current unit of study. Students will learn public speaking skills and will present one formal montage speech. Students will increase their reading skills while studying *The Great Gatsby* written by F. Scott Fitzgerald, and *The Red Badge of Courage* written by Stephen Crane.

During the second semester students will read and study two dramatic works, one major American novel, explore research writing, and focus on poetry. Students will have an opportunity to read and act out scenes from *Julius Caesar*, written by William Shakespeare, and *Oedipus Rex* written by Sophocles. Students will also read *The Scarlet Letter* by American author Nathaniel Hawthorne. Students will develop their research skills by learning about research papers and by writing their own. Students will also explore and analyze various poetic works.

Prerequisite: Junior standing

Junior College Prep

1 Year, 1.0 Credit

Content: During the first semester students will gain vocabulary skills, study one major American novel, and read two significant dramatic works. Students will participate in weekly vocabulary exercises related to their current unit of study. Students will increase their reading and critical analysis skills while studying *The Things They Carried*, written by Tim O'Brien. Students will have the opportunity to read and act out scenes from *Oedipus Rex* and *Antigone* by Sophocles.

During the second semester students will read and study one dramatic works, one major British novel, explore research writing, and focus on poetry. Students will have an opportunity to read and act out scenes from *Julius Caesar*, written by William Shakespeare. Students will also read *A Brave New World* by British author Aldous Huxley. Students will develop their research skills by learning about research papers and by writing their own. Students will also explore and analyze various poetic works.

Prerequisite: Must receive a C or higher in Honors English 10, placement test, teacher approval.

English 12

1 Year, 1.0 Credit

Content: Narrative voice and characterization will be the main focuses of English 12. A wide range of literature will be utilized, ranging from Shakespearean plays to British and American novels from the 20th and 21st centuries. The materials will also cover a variety of genres, including both fantasy and realistic fiction. Vocabulary building will continue, and students will continue developing their writing and critical thinking skills. The senior project paper and State Standard writing samples will also be included.

Prerequisite: Senior standing

WR 121 & ENG 104

1 Year, 1.0 Credit

Content: Covers processes and fundamentals of writing expository essays, including structure, organization and development, diction and style, revision and editing, mechanics and standard usage required for college-level writing.

Prerequisite: Teacher approval, Junior or Senior standing and placement test.

Read 180

1 Year, 1.0 Credit

- Content: Read 180 is an intensive reading intervention program that helps educators confront the problem of adolescent illiteracy and special needs reading on multiple fronts, using technology, print, and professional development. Read 180 is proven to meet the needs of struggling readers whose reading achievement is below proficient level. The program directly addresses individual needs through differentiated instruction, adaptive and instructional software, high-interest literature, and direct instruction in reading, writing, and vocabulary skills.
- Prerequisite: Based on standardized testing the student is found to be in need of an extra reading class.

Speech and Communication

1 Semester, 0.50 Credit

- Content: This course is designed to develop the student's confidence and to develop the student's skills of persuasion, explanation, and improvisation. This will be achieved through such means as disciplined argument, revision, self-assessment, and analysis of historically significant and contemporary speaking. Students will develop appropriate techniques that allow them to communicate their ideas effectively through verbal, visual and multimedia forms. The coursework will help the student to communicate effectively in high school and beyond. This class satisfies graduation requirements and state content standards.

Basic Skills

1 Semester, 0.50 Credit

- Content: Emphasis on skill building and tutorial assistance for other classes.
- Prerequisite: Qualify for Special Education and on an Individualized Education Program (I.E.P.)

WORLD LANGUAGE

Most four-year colleges require two years of a World Language.

Spanish 1

1 Year, 1.0 Credit

Content: Topics include clothing, food, family, sports, animals, location, leisure activities, school, seasons and weather. Activities include mixers, sentence scrambles, writing practice, team games, worksheets, poster projects, and Spanish movies.

Students mastering Benchmark 2 requirements will demonstrate some understanding of phrases, everyday expressions, and simple statements. They will know the symbols of the alphabet and begin to apply reading, writing and speaking skills to express simple ideas in short, memorized lists, phrases and simple sentences. Benchmark 2 students continue to rely on contextual and visual cues.

Prerequisite: None

Spanish 2

1 Year, 1.0 Credit

Content: Topics include vacation, daily routine, clothes and shopping, art, courtesy, preparing food, ordering food, making movies, and relationships. Activities include reading magazine ads, mixers, writing practice, team games, writing advertisements, and speeches with PowerPoint presentations, group skits, and Spanish movies.

Benchmark 3 students will demonstrate understanding of main ideas on familiar topics, identify some important ideas embedded in familiar contexts and recognize differences between formal and informal language. They will demonstrate understanding of short predictable texts on benchmark topics. Writing and speaking skills now include the presentation of basic material, short written messages and the expression of simple ideas using memorized phrases and sentences.

Prerequisite: Spanish 1

Spanish 3

1 Year, 1.0 Credit, (SPN 101-102, 8 credits at LBCC)

Content:

Course Goals

- Demonstrate understanding of ideas and supporting details from longer and more complex conversations, presentations and narratives on topics from everyday life and social issues.
- Demonstrate understanding of ideas and supporting details from longer and more-complex written texts on topics from everyday life and social issues.
- Initiate, sustain and close an extended conversation using a series of related questions and responses on a wider variety of topics.
- Present organized material in a sustained, connected manner using more complex original language and a variety of time frames.
- Demonstrate understanding of the art, literature, history, and culture of several Spanish-speaking countries

Prerequisite:

Spanish 2

Spanish 4

1 Year, 1.0 Credit, (SPN103, 4 credits at LBCC)

Content:

Course Goals

- Demonstrate understanding of ideas and supporting details from longer and more complex conversations, presentations and narratives on topics from everyday life and social issues.
- Demonstrate understanding of ideas and supporting details from longer and more-complex written texts on topics from everyday life and social issues.
- Initiate, sustain and close an extended conversation using a series of related questions and responses on a wider variety of topics.
- Present organized material in a sustained, connected manner using more complex original language and a variety of time frames.
- Demonstrate understanding of the art, literature, history, and culture of several Spanish-speaking

Prerequisite:

Spanish 3

SOCIAL STUDIES

Ninth grade students may register for Global Studies and tenth and eleventh grade students may register into upper level courses if they meet the following requirements:

1. Recommendation of previous teacher and counselor.
2. Interview with appropriate area teacher and teacher approval.
3. G.P.A. of 3.25 in the subject area.
4. Availability

U.S. History: 1 Year, 1.0 Credit

Content: United States History is a college-prep course that traces the history of the United States from Pre-Columbian times until modern day. This course will deal mainly with the history of the United States from the time of the Civil War until the present day with emphasis on the following topics:

The Civil War and Reconstruction Period/ The Expansion of American Industry/ The Westward Movement of the 19th Century/ Politics, Immigration, and Urban Life in the Late 19th and Early 20th Centuries/Cultural and Social Transformations of the Late 19th and Early 20th Centuries/ Imperialism/The Progressive Movement/The World War I Era/The Roaring 20's/ The Great Depression and New Deal/World War II/The Cold War and American Society/The Kennedy and Johnson Years/The Nixon Years/The Post Watergate Period.

Prerequisite: Freshman standing

Global Studies 1 Year, 1.0 Credit

Content: Global Studies is a course designed to familiarize students with basic geographical concepts and introduce students to a variety of world cultures. This class covers the Five Themes of Geography, basic geographical concepts, and applies these concepts while investigating the major cultures found in the Americas, Europe, Africa, Asia, and the Pacific Region.

Prerequisite: Sophomore standing

Government 1 Semester, 0.50 Credit

Content: Government is a course designed to familiarize students with the basic workings of American National Government. Topics covered include the origins, structure, and functions of government. In addition, each of the three branches of U.S. government (Executive, Legislative, and Judicial) will be looked at in detail. State and local government will also be addressed throughout the course.

Prerequisite: Junior standing

Psychology

1 Semester, 0.50 Credit

Content: A practical class in psychology which deals with major traditional fields and contemporary problems of psychology; learning perception, and motivation as they pertain to behavior and interaction with society. There will also be emphasis placed on self-understanding, personal development with emphasis upon attitudes, values, motivations, and emotional problems related to the high school experience.

Prerequisite: None

Economics

Semester, 0.50 Credit

Content: The student will study applied economics, and micro and macroeconomic topics. In applied economics the student will explore and learn decision making in consumerism, debt, purchasing necessities, rent or lease, and savings. Microeconomics will provide insight into supply and demand, business organizations, competition, marketing, and the American labor force. Macroeconomics will investigate the economy performance, money and banking, money supply, national debt, and employment and inflation. The teacher will use local and national news to examine short-term and long-term economic developments in the Northwest, National, and Global economy and use textbook learning to determine how these developments may affect us on a personal/family basis.

Prerequisite: Junior standing

MATHEMATICS

Math Support

1 Semester, 0.5 Credit

Content: The goal of this course is designed to assist students in making a successful transition into Algebra I. Students receive extra instruction that shall focus on the concurrent topics being covered in Pre-Algebra. This course shall be taken at the same time as Pre-Algebra.

Prerequisite: Placement Test Score Results and Teacher Recommendation

Algebra 1

1 year, 1.0 Credit

Content: Algebra 1 is a full year math course and will fulfill a graduation math requirement. The curriculum shall be based on the Oregon State Standards for Algebra I. The subject matter covered include fundamental algebraic laws and operations involving algebraic expressions, signed numbers, equations, statistics and probability, functions, problem solving techniques, and other topics as time permits.

Prerequisite: None

Geometry

1 year, 1.0 Credit

Content: Geometry is a full year math course and will fulfill a graduation math requirement. The curriculum is based on the Oregon State Standards for Geometry. Through a variety of activities, students will be introduced to geometric shapes, inquiry and problem solving. Student admittance to Geometry will be based on placement test scores, previous class performance, and teacher recommendation.

Prerequisite/
Placement: Students must have received a "C" or better in Algebra I or Teacher Recommendation.

Algebra II

1 year, 1.0 Credit

Content:

Algebra II is a full year math course and will fulfill a graduation math requirement. The curriculum shall be based on the Oregon State Standards for Algebra II. This course is designed to expand on the concepts covered in Algebra I, such as first degree equations and inequalities, polynomials and radical equations, statistics and probability, functions, rational expressions and equations, systems of equations, matrices, and discrete mathematics. If time permits an introduction of trigonometric identities will be presented. This course will prepare the student for entrance into College Algebra.

Prerequisite/
Placement:

Students must have received a “C” or better in Algebra I and Geometry or teacher recommendation.

College Algebra and Trigonometry

1 year, 1.0 Credit

Content:

College Algebra and Trigonometry is a full year math course and will fulfill a graduation math requirement. The curriculum shall be based on the Oregon State Standards for Advanced Algebra and Trigonometry. The purpose of this course is to prepare students to study higher level mathematics such as Calculus. Topics will include relations and linear, quadratic, exponential, polynomial, rational, and logarithmic functions. It also includes theory of equations, matrices and determinants, and introduces sequences and series. Additionally, the topics of trigonometric functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, right triangle trigonometry, complex numbers, polar coordinates parametric equations, vectors, 3-D geometry, and conic sections will be covered. This course will be presented as a college level course and is designed to enable the student to learn to think logically.

Students successfully completing this course and college level assessments with at least 70% may receive credit for MTH 111 and MTH 112 at LBCC.

Prerequisite/
Placement:

Students must have received a “C” or better in Algebra II or Teacher Recommendation.

Calculus

1 year, 1.0 Credit

Content:

Calculus is a full year math course and will fulfill a graduation math requirement. A very strong background in trigonometry and advanced algebra is necessary to be successful in Calculus. Differential and Integral Calculus will be covered which includes topics such as functions and models, limits and derivatives, differentiation and integration, extreme, optimization problems, integral area under a curve, Riemann Sums, numerical integration, techniques of Integration, improper integrals, and application of integration to finding volumes, fluid pressure, arc length, and surface area. This course will be presented as a college level course and is designed to enable the student to learn to think logically.

Students successfully completing this course and college level assessments with at least 70% and complete a presentation may receive credit for MTH 251 and MTH 252 at LBCC.

Prerequisite/
Placement:

Students must have received a "C" or better in College Algebra and have Teacher Recommendation.

SCIENCE

Scio High School presently requires 3 years of Science Credit for graduation. To meet this requirement you must have one year of a physical science, one year of a life science, and one year of an additional science. The physical science classes that are offered are Physical Science, Chemistry, and Physics. The life science classes that are offered are Biology, and Advanced Biology.

All students are encouraged to take 4 years of science classes for a well rounded study of the discipline.

To meet the science requirement for Scio High School's Honors Diploma, a student must complete 4 years of science, one of which must be Chemistry.

Most colleges and universities require a minimum of two years of Science Classes for admission. Specifically, one year each of two *different* sciences (*Biology, Chemistry, Physics, etc. are examples of different sciences*). This admission requirement will be satisfied by the completion of the Accelerated Sequence. Those students following the Traditional Sequence can meet this admission requirement by supplementing their sequence with a physical science such as Chemistry.

Earth Science 1 year, 1.0 Credit

Content: Earth Science is the study of the non-living parts of the earth. This course includes such diverse topics as Geology, Meteorology, Astronomy, and Oceanography. As in the all science courses, you will develop critical thinking skills and become fluent in the scientific method.

Prerequisite: Junior Standing, Physical and Life Science Requirements met.

1 year, 1.0 Credit

Physical Science

Content: Physical Science is a survey course that covers the subjects of chemistry, physics, and earth science. This course stresses study skills, laboratory skills, safety practices, metric system, science processes and career opportunities in the field of science. This class also introduces Scientific Inquiry Laboratory experiences.

Prerequisite: None

Biology 1 year, 1.0 Credit

Content: Biology is a Life Science class that furthers the students' understandings of scientific inquiry, particularly as it relates to the areas of ecology, zoology, and botany.

Prerequisite: Physical Science or 10th Grade Placement

Chemistry

1 year, 1.0 Credit

Content: This course will focus upon the major concepts in Chemistry. The science of matter will be explored through lecture, demonstrations, readings and laboratory work.

Prerequisite: Biology and Algebra 1

Physics

1 year, 1.0 Credit

Content: Physics involves the scientific approach to the study of energy. Emphasis will be placed on the understanding of fundamentals and the mathematical formulation of principles. Concepts will be studied through lecture, demonstrations, textbook readings and laboratory investigations.

Prerequisite: Chemistry and Geometry

Advanced Biology

1 year, 1.0 Credit

Content: Advanced Biology takes a more in-depth look at the general principles of biology. Emphasis will be made on inquiry, hypothesis formation, and laboratory processes.

Prerequisite: Biology and Junior Standing, Chemistry is Recommended

HEALTH AND PERFORMANCE RELATED FITNESS

1 Semester 0.50 Credit

Content: Physical fitness related skills, development of motor skills. This class is designed to increase performance through increased strength and overall conditioning. Overall health will be the central focus of the course. The class will satisfy PE credits needed for graduation. Athletes are encouraged to take this as an elective class.

Prerequisite: None

HEALTH

Health I

1 Semester, 0.5 Credit

Content: This class will deal with a variety of health related issues, i.e., personal health, body systems, and common diseases.

Prerequisite: None

Health II

1 Semester, 0.5 Credit

Content: This class will deal with mental & emotional health, managing stress, peer relationships, life cycle and the reproductive system.

FINE ARTS

The Fine Arts provide students with opportunities to make intuitive judgments while developing aesthetic problem solving skills. Although studies in Science and the three R's provide the student with the means for survival in the real world, studies in the fine arts make their survival worthwhile.

Film as Literature 1 Semester, 0.50 Credit

- Content: Students will view, discuss, analyze, and evaluate a variety of films that have made a lasting impression on American and global society. Students will explore how society, history, art, and other factors are depicted in or were shaped by these films. Writing assignments and interactive projects will develop the students' critical thinking processes as well as their abilities to effectively express themselves. This class will provide students with multiple opportunities to meet numerous CCSS as well as the standards of all three writing work-sample types: informative, expository, and persuasive. In addition, their activities will frequently connect with and support the materials covered in other classes, specifically referring to the language arts and social studies courses.
- Prerequisite: none

Drama I 1 Semester, 0.50 Credit

- Content: The student will become familiar with the history and fundamentals of the dramatic arts. Assessment will be based chiefly (but not solely) on attendance, participation, and development of skills. The student will be expected to participate in the pre-production, production, and presentation of at least one dramatic work, which may be performed live or completed as a media project (for example, a movie). This commitment will likely involve rehearsals and production work outside of regular school hours.
- Prerequisite: None

Drama II 1 Semester, 0.50 Credit

- Content: Assessment will be based chiefly (but not solely) on attendance, participation, and development of skills. The student's familiarity with the history and fundamentals of the dramatic arts will be further developed and utilized. The student may be expected to act in a supervisory or managerial capacity throughout the pre-production, production, and presentation of at least one dramatic work, which may be performed live or completed as a media project (for example, a movie). This commitment will likely involve rehearsals and production work outside of regular school hour.
- Prerequisite: Drama I

MUSIC

Wind Ensemble

1 year, 1.0 Credit

Wind Ensemble is primarily a literature and performing based ensemble with emphasis on developing strong musicianship through proficiency on woodwind, brass and percussion instruments. Participants in this ensemble need a high level of dedication to individual and group rehearsal practice. This ensemble will participate in many performances throughout the year including, pep band, parades, contests, festivals, concerts, and other opportunities as they become available. Grading based primarily on performance and classroom participation along with a graduated progression of instrument proficiency and general music concepts demonstrated through playing tests and written work.

Required material: instrument

Recommended Materials: Personal instrument

Prerequisite: Audition or previous enrollment

ART AND PHOTOGRAPHY

Beginning 2-D Art

1 Semester, .50 Credit, Elective

Content: This is an initial art class exploring **two-dimensional** mediums: drawing, painting, printmaking, etc. Students will be introduced to the elements and principles of design, plus art history.

Prerequisite: none

Beginning 3-D Art

1 Semester, .50 Credit, Elective

Content: This is an initial art class exploring **three-dimensional** mediums- clay, wire, paper, etc. Students will be introduced to the elements and principles of design in sculpture, plus art history.

Prerequisite: none

Drawing and Painting

1 Semester, .50 Credit, Elective

Content: A more extensive exploration of drawing and painting. Students will work on developing their drawing and painting skills; presenting and critiquing their work; and creating a portfolio. Students may be required to provide some supplies.

Prerequisite: Beginning 2-D Art

Sculpture

1 Semester, .50 Credit, Elective

Content: A more extensive exploration of three-dimensional artwork. Students will work on developing their skills; presenting and critiquing their work; and creating a portfolio. Students may be required to provide some supplies.

Prerequisite: Beginning 3-D Art

Digital Photography I

1 Semester, 0.50 credit

Content: An exploration of the history of photography and an introduction to such fundamentals of the photographic art as lighting, composition, and image-processing. Image-manipulation computer programs will serve as “virtual darkrooms” to assist students with the processing and enhancement of photographs.

Digital Photography II

1 Semester, 0.50 credit

Content: A continued exploration of the history and fundamentals of photography with an added focus on significant photographers, movements, and trends. Image-manipulation computer programs will again serve as “virtual darkrooms”.

Prerequisite: Photography I

APPLIED ARTS**Computer Literacy**

1 Semester, 0.5 Credit

Content: The main focus of this course is office applications, including word-processing, spreadsheet, presentation, and web-design software. The student will learn to proficiently and efficiently use these applications in a variety of settings, which will benefit the student now (by enhancing the coursework for the student's other classes) and later (by helping the student to create such potentially usable items as business letters and resumes). Other lessons will concentrate on data crime and online security. Through this class, the student will become familiar with the relationship between computers and society and will learn to ethically and safely serve as the third component of that relationship.

Prerequisite: None

Yearbook

1 year, 1.0 Credit

Content: This class has the honor and responsibility of preserving the school's memories. This class is structured like and functions as a business, as we are a student publication with paying customers. Students are expected to attend advertising sales retreats during September as well as call businesses during class time to sell advertisements to businesses. Students are expected to create layouts, take photos, write captions and copies, and stay after school and sometimes on weekends to meet important deadlines. Students will be expected to handle money, work with students, staff, and community, and attend extra-curricular events and activities outside of class time. Students are expected to maintain good academic standing, positive character, good attendance, and dedication to the class.

Prerequisite: Junior standing, 3.0 GPA standing or higher, instructor approval, and good attendance record.

AGRICULTURE SCIENCE AND TECHNOLOGY PROGRAM

The Agriculture Science and Technology Program is a four-year cluster program that can be entered into any time during the student's high school career. It offers learning by doing and emphasizes personal growth and development.

A Varsity letter can be earned through participation in Agriculture Science and Technology Program activities.

Students can accumulate points through their course work in Agriculture Science and Technology courses. Once enough points are accumulated students will meet our speech requirement, (that counts as 0.50 credit of Speech) but will not earn any additional credits.

Students upon graduation may earn up to 17 transferable Linn Benton Community College credits from the Agriculture Science and Technology Program.

Agriculture I

1 year, 1.0 Credit

Content: Introduction to Agriculture, Animal Science, Crop Science, Ag Mechanics, Farm Management, Horticulture, Leadership, Ag Careers, Projects.

Prerequisite: None

Agriculture II

1 year, 1.0 Credit

Content: Emphasis: Crop and Animal Science, Horticulture, Soil Conservation, Farm Management, Leadership.

Prerequisite: Sophomore standing

Agriculture III

1 year, 1.0 Credit

Content: Agriculture Business Management, Horticulture, Animal Health, Ag Mechanics, Student Projects, Electric Motors.

Prerequisite: Junior standing

Agriculture IV

1 year, 1.0 Credit

Content: Irrigation Systems, Production Records, Ag Business Management, Pesticide/Applicator License, Building Construction.

Prerequisite: Junior standing

WOODSHOP

Beginning Woodshop

1 Semester, 0.50 Credit

Content: Students learn the basics of woodworking. They go through units on measuring and tool I.D. After completing safety tests, they will make a casserole stand using hand tools and then learn how to use power tools by making a wood float, broom holder, cheese board and key holder. Students will then be able to complete projects of their choice.

Prerequisite: None

Intermediate Woodshop

1 Semester, 0.50 Credit

Content: Students go through units on wood I.D. and wood finishing, plan drawing and reading, and material cost. Students will demonstrate the use of power tools by making some required projects. Students then may make projects of their choice.

Prerequisite: Beginning Woodshop

Advanced Woodshop

1 Semester, 0.50 Credit

Content: Students will demonstrate the use of hand tools by making a toolbox. After completing safety tests, students demonstrate the use of power tools by making a shelf. Students may then complete a project of their choice.

Prerequisite: Intermediate Woodshop. Instructor approval.

FORESTRY/NATURAL RESOURCES

The forestry/natural resources program is a two-year course designed for students who wish to pursue a career in this field. The first year lays a foundation in each of the areas of study. The second year is project oriented so that student's apply knowledge and skill to the various areas of study.

A varsity letter can be earned through the Forestry/Natural Resources Program by participation and competing in skills contests.

Students can join the SHS Forestry Club and develop leadership skills and participate in club activities. A statewide club offers many fun and educational activities each year. The biggest event is our State Forestry Skills contest held in May each year.

In April, the Keep Oregon Green Fire Training School is held and we can take ten students. This is a three-day school and is taught by professional fire fighters. The training makes the students very employable on fire suppression crews during the summer months.

Students may receive College Now credits through community colleges that offer forestry programs around the state. That means that upon completion of our program, the student can attend one of these community colleges and receive credit for several of the courses they offer because the student has already completed the equivalent of several of their courses, during the high school program. A student may be able to graduate sooner and save some money on tuition. High school training will be a definite advantage if the student should decide to attend a four year college in the forestry/natural resource field. We are using state of the art technical equipment in our program and the student should become proficient in its use by the end of the program.

Forestry 1 1 year, 1.0 Credit

Content: Introduces Tree ID, Tool ID, CPR/1st Aid, Cable Splicing, Map Reading, Compass Use, Timber Cruising, Log Scaling, & Wildlife Management.

Prerequisite: Special equipment: work boots, gloves, safety glasses

Forestry 2 1 year, 1.0 Credit

Content: This class is designed for students who want to expand their knowledge of the technical skills required in the modern forest industry. This class is a mix of physical work along with a strong focus on technical skills such as compass, pacing, map reading, GPS, forest mensuration, aquatic systems, wildlife, management and current forest issues.

Prerequisite: Forestry/Natural Resources 1
Special Equipment: work clothes, boots, gloves, eye and ear protection.

Forestry 3/4 1 year, 2.0 Credits

Content: This is a two period block. Students learn to use and maintain chainsaws, to fall and buck trees, tour logging operations and mills, do money-making projects, and become more proficient in the skills learned in Forest Products 1 & 2. Students investigate the biological aspects of growing trees, management practices, harvesting techniques, and a good deal of time developing safety consciousness. This is an excellent class for those who like the out-of-doors and working with their hands.

Prerequisite: Forestry/Natural Resources 2
Special Equipment: work clothes, boots, gloves, eye and ear protection.

METALS – MECHANICS

Small Engines

1 Semester, 0.50 Credit

Content: Students will assemble, disassemble, and troubleshoot two and four cycle engines. Explore carburetion, electrical systems, mechanical systems, compression. (9 weeks in classroom/9 weeks in shop)

Prerequisite: None

Beginning Welding

1 Semester, 0.50 Credit

Content: Students will learn and demonstrate flat position arc welds with E6011 2 E 6013 rod and flat position welds with filler and brazing rods. Students will also learn how to cut with a torch, identify metals by spark test and demonstrate annealing and tempering by making a cold chisel.

Prerequisite: Ability to work with numbers

Intermediate Welding

1 Semester, 0.50 Credit

Content: Students will learn and demonstrate out-of-position arc and gas welds and how to weld non-ferrous metals. Students will make a drill bit sharpener and demonstrate sharpening drill bits

Prerequisite: Beginning Welding

Advanced Welding

1 Semester, 0.50 Credit

Content: Students will demonstrate advanced welding positions and welds. Students will make required projects using power machinery. Students will have approximately nine weeks to work on projects of their choice.

Prerequisite: Intermediate Welding

FAMILY AND CONSUMER STUDIES

Family and Consumer Studies provides young people with knowledge and skills needed in contemporary family life: management of time and money/ nutrition for health and economy self-esteem and family relationships housing and living environments/ clothing selection and care personal and consumer decision making.

Foods I

1 Semester, 0.50 Credit

Content: Basic working methods, equipment, safety, basic nutrition, serving, table manners, food preparation including cakes and cookies, breads, grain products, milk products, eggs, salads, and beverages.

Prerequisite: None

Foods 2

1 Semester, 0.50 Credit

Content: This course is an extension of Foods I. Students will apply knowledge of food preparation, recipes; menu planning; full meal preparation and service.

Prerequisite: Foods I

International Foods

1 Semester, 0.50 Credit

Content: Students will be introduced to the social customs involving food, geographic and historical conditions, and to the pleasure of preparing and eating new kinds of foods from foreign cultures.

Prerequisite: Foods I

Advanced Foods

1 Semester, 0.50 Credit

Content: For students who wish to study the culinary arts on a higher level. Apply basic knowledge and gourmet cooking to food preparation.

Prerequisite: Foods I and Foods II (or second level Foods class)

Clothing I

1 Semester, 0.50 Credit

Content: Grooming, wardrobe planning, selection of fabric, pattern, and equipment, use and care of sewing machine, construction of project.

Students will be required to purchase patterns and fabric for completing required construction projects

Prerequisite: None

Clothing 2

1 Semester, 0.50 Credit

Content: Study of clothing design, textile recognition and advanced garment construction. Students will be required to purchase patterns and fabric for completing required construction projects.

Prerequisite: Clothing I

Advanced Sewing

1 Semester, 0.50 Credit

Content: For students who wish to increase their sewing ability to an advanced level. Students will construct several garments to increase their sewing skills. Students will be required to purchase patterns and fabric for completing required construction projects.

Prerequisite: Clothing II

Child Development

1 Semester, 0.50 Credit

Content: This course focuses on the stages of children's development from 0-8 years of age. Theories from child development researchers and related careers will also be explored.

Prerequisite: None

ADDITIONAL STUDENT OPPORTUNITIES

Leadership

1 Semester, 0.5 Credit,

- Content: Leadership class is a fun and interactive course that focuses on developing student leaders as well as creating service opportunities for students. ASB Officers, prospective class officers, or any students who would like to be involved in the planning of student activities should enroll.
- Prerequisite: Sophomore, junior, or senior standing. Students may only be enrolled with instructor approval. Students will also be required to enter into a class contract, which must be honored in order to continue in the class.

Cadet Teaching

1 Semester, 0.5 Credit

- Content: Allow interested students to observe and assist supervising teacher in elementary or middle schools. Coordinating teacher evaluates one period release time. College credit may be available for cadet teaching.
- Prerequisite: Junior/Senior standing. Consent of coordinating teacher.

Teacher Aide

1 Semester, 0.50 Credit, Pass/No Pass

- Content: Students assist high school teachers. (Limited to one period per semester.)
A maximum of two elective credits may be earned for being an aide.
- Prerequisite: Junior/Senior standing. Teacher permission

Counseling Aide

1 Semester, 0.50 Credit, Pass/No Pass

- Content: Variety of responsibilities and tasks in the Career and Guidance Center.
A maximum of two elective credits may be earned for being an aide.

Library Aide

1 Semester, 0.50 Credit, Pass/No Pass

- Content: Assist in library, cataloging, filing, typing helpful. A letter grade is assigned.
A maximum of two elective credits may be earned for being an aide.
- Prerequisite: Junior/Senior standing. Permission of Librarian

Work Experience

1 Semester, 0.50 Credit

Content: Students who have enough credits may be granted work experience credit during school hours. Students must complete the required packets in addition to 65 hours of work. ½ Credit will be equal to 65 hours of work. There is a maximum of 2 elective credits per year.

Students who work outside of school hours may receive work experience credit. Point five, or 0.50 credits will be equal to 65 hours of work plus required packet. There is a maximum of 2 elective credits per year.

Prerequisite: Junior/Senior standing.

Work Release

1 Semester, 0.50 Credit

Content: Arranged through counselor and principal with parent permission.

Prerequisite: Senior Standing

CREDIT BY PROFICIENCY

Scio High School is currently working in conjunction with the Department of Education to develop credit options for students that can demonstrate proficiency for projects that they take on outside of the school day. Some options are: Work Experience, Outdoor School, Physical Education and FFA.

CREDIT BY EXAMINATION

Credit by examination is provided for students who wish to pursue an accelerated course of study. Credit by examination will not be accepted for classes that students have previously dropped or failed. Credit by examination will be offered for the following classes:

- | | |
|-----------------|---------------|
| a. Algebra | e. Government |
| b. Biology | f. Health |
| c. Computer Lit | g. Spanish 1 |
| d. Geometry | |

A student may attempt to receive credit by examination for a maximum of two one-semester courses per school year. A student may attempt to receive credit by examination for a particular course one time only. Each examination will address the stated objectives of the course being challenged. To receive credit by examination, a student must attain a score of 85 percent or higher. Students successfully completing the credit by examination will:

- Receive credit for the course
- Have the enrollment requirement waived
- Have the credit and the grade recorded on the transcript.

A student may not challenge a class until the term immediately preceding their "normal" enrollment in that class. A student must submit a completed application to the appropriate department one week prior to the date of examination, during the last week of the previous semester. The student, parent, and the principal must approve the application.

Examination schedule:

- a. The week before first semester begins
- b. The first week of the second semester

AT RISK STUDENTS

The Scio High School staff is committed to the importance of education as it affects the future of the community's children. To this end, the Scio High School staff has resolved that the primary commitment of our school is to provide instruction, which will enable students to:

1. Acquire effective thinking and communication skills.
2. Acquire a broad foundation of knowledge and its application.
3. Enjoy continuous educational growth in accordance with their ability.

The Scio High School staff believes that "All children have the ability to learn." This is the basic premise by which the district will provide an educational program designed to demonstrate measurable gains in student achievement. Therefore, students are expected to attend school regularly, cooperate with teachers and administrators, and apply themselves diligently to their course of study.

Regardless of their enrollment in a regular or alternative program, students shall be expected to pursue a prescribed course of study. Pursuing the prescribed course of study shall be interpreted as making a reasonable effort to do the following:

1. Be regular and punctual in attendance.
2. Complete assigned work on time.
3. Bring needed materials to class (books, pencils, etc.)
4. Be courteous and attentive to teachers and fellow students.
5. Perform a caliber of work consistent with ability.

STUDENTS MAY BE CONSIDERED FOR "AT RISK" SCREENING IF:

1. They receive three or more failing grades at the end of any grading period.
2. They are denied credit due to excessive absences/failure to make-up work.
3. They disregard school rules and regulations.
4. They fail to be diligent in their studies.
5. A written referral for investigation and consideration is submitted by an instructor.

AT RISK STUDENT PROCEDURE

The following procedures will be followed when a student becomes a candidate for "at risk" screening:

1. The principal will confer with the student, all of the student's teachers, the counselor, and the student's parent/guardian.
2. If the principal's investigation indicates that the school has made every effort to assist the student, and that the student's lack of success is due to a lack of diligence and a lack of responsibility for earning an education, the principal will inform the student and parents/guardian that the student will be considered at risk.
3. The student will be placed on probation pending a marked improvement in his/her grades and/or identified aspects of their school performance.
4. If, during the probationary period (four to six weeks), the student has not improved his/her grades and/or identified aspects of school performance, the parents/guardian will be invited to participate in a staffing meeting to discuss alternative ways to address the student's educational needs. These alternatives may include, but not be limited to, a half day schedule, tutoring, correspondence courses, independent study, G.E.D., Adult High School Diploma Program, etc.

APPEAL PROCEDURE:

1. The parent/guardian and/or student have the right to appeal the administration's decision to the superintendent. This shall be done in writing within 10 days of notification of the decision.
2. If, after receipt of the superintendent's reply, the issue is still unresolved, the student and/or parent/guardian may appeal the action to the school board.

GED OPTIONS PROGRAM

Scio High School offers a GED options program for those students that are at Risk of Graduation. For more information about how to get involved contact the High School Office.