

JUNCTION CITY HIGH SCHOOL



2018 - 2019 CURRICULUM GUIDE



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FORWARD

This Curriculum Guide is an owner's manual for Junction City High School students and parents. It is important for students to use this guide to complete their forecasting forms accurately and carefully for next year's classes. This process will be important as we make staffing decisions and build our master schedule of courses offered. Next year, schedule changes will be rare and **ONLY** for academic reasons/situations. Students should choose and prioritize alternatives carefully, as there is a strong possibility they may be scheduled into one or more of these choices.

Use the Curriculum Guide with the transcript and work sheet provided during TEAM class to choose courses that build a bridge between current achievement and the credits required to gain admission into competitive degree and certification programs.

Even if future education and career paths remain unclear, select challenging coursework to build a competitive transcript upon graduation.

Course selection and achievement relate directly to the number and quality of options that will be available after graduation.



ATHLETIC ELIGIBILITY

Students representing Junction City High School in athletics, clubs, and activities must meet all Oregon School Activity Association (OSAA) and JCHS eligibility rules and requirements. In addition, athletic teams, clubs, and organizations may establish rules of conduct and dress that are stricter than those for students in general. Violations of the Student Conduct Code may also result in additional consequences from the team, club, or organization.

In order to meet OSAA/JCHS eligibility requirements, students must earn passing grades (credit) in at least four classes in the trimester before the sport season begins and maintain passing grades while their sport/activity is in season. Students are also required to make yearly progress toward graduation. Students must meet these minimum credit requirements at the **beginning** of each year: 10th – 4.5 credits, 11th - 11.0 credits, 12th - 18.5 credits.



JUNCTION CITY HIGH SCHOOL GRADUATION REQUIREMENTS

Graduation is based on a credit requirements established by the State of Oregon and the Junction City School Board. In addition, students must demonstrate proficiency in essential skills, as well as proficiency on Oregon’s standardized assessments in reading, writing, math, and science or by other School Board-approved measures.

2019	2020	2021	
4	4	4	Language Arts
3	3	3	Social Studies (1-Social Studies Global Survey, 1-US History, .5-Economics, .5-Citizenship)
3	3	3	Mathematics (Algebra 1 content and above required)
3	3	3	Science (2 credits of lab-based, inquiry required)
1.5	1.5	1.5	Physical Education (9 th PE & Wellness PE & class of choice)
1	1	1	Health (.5- Sophomore Wellness, .5- Senior Health)
.5	.5	.5	TEAM Advisory* (.125 to be earned third trimester each of the four years)
.5	.5	.5	Personal Finance (Senior year)
3	3	3	Second Language, Applied Arts**, or Fine Arts
6.5	6.5	6.5	Electives
26	26	26	TOTAL CREDITS

Credits: A total of 26 credits must be earned to graduate with a standard Junction City High School diploma.

The Classes of 2019, 2020, 2021 and 2022 must pass State assessments in reading, writing, and math or meet an alternate standard of proficiency. The State of Oregon calls these “Essential Skills”.

Students must be eligible to receive a diploma in order to participate in the graduation ceremonies. Students must pay all of their fines and fees owed before receiving a diploma. A student may graduate when all graduation requirements have been met.

***TEAM Advisory** is a four year, teacher-student mentorship program which promotes student college and career readiness. TEAM teachers will assist students in forecasting courses, and aligning their class schedules with their Personal Education Profile. Students will meet with their TEAM teachers weekly to fulfill the “Career Related Learning Standards” required for graduation. We also see TEAM teachers as mentors for their students as they navigate through their years at JCHS.

****Applied Arts** relates to the design and fabrication of functional aspects and the acquisition of practical skills. Classes covering this area are found in business education, family and consumer science, and career technical education.

Fine Arts are mostly aesthetic in nature. Classes included are: music, visual arts, digital media and drama (when offered).

PLANNING FOR COLLEGE

The Oregon University System limits admissions to four-year universities to those students who show promise of eventual college success. Please check the JCHS website, www.jchigh.org and click on the “College and Career Center” link for all updated post-secondary information. **We recommend students contact the admissions offices for updates.**

Admission to any of the state’s seven public colleges/universities (U of O, OSU, PSU, SOU, WOU, EOU and OIT) is based on the following but is subject to change:

1. U of O: 3.40 GPA & 15 academic units
2. OSU, EOU: 3.00 cumulative GPA
3. SOU, WOU: 2.75 GPA, PSU, OIT: 2.75 GPA
4. High School Subject Requirements: see following page.
5. Admission Test Requirement: SAT or ACT
6. Graduates of standard high schools, who have not earned the aforementioned GPA, may also be granted admission on the basis of the following:
 - a. meeting a predicted college GPA based on a formula combining high school GPA and SAT or ACT scores; only available at some schools.
 - b. satisfactorily completed prescribed summer work at an accredited institution; only available at OIT.

Admission to private schools in Oregon should be checked individually. Books, catalogs and general college information are available to be checked out in the College and Career Center. Those students planning to go out of state can generally expect higher requirements as out of state students. You should check early in the year on admission dates.

Students interested in going to college should contact counselors about admissions requirements, tuition and other costs, housing and any other problem areas. It is best, in some cases essential, that planning for college begin early if a particular college with selective admission is being considered. A carefully selected program may be necessary and achievement should be high in all subject areas.

Students are encouraged to send for their own catalog and information if they are truly interested in a particular school.

SCHOLARSHIPS - Most scholarships--local, state and national--are competitive, and some scholarships that are not based on financial need, but strictly on achievement. Students wishing to apply should take the ACT/SAT early in the school year--one of the first two dates. If you will be competing for scholarships or trying to gain admission at a selective school, take your ACT/SAT test in the spring of your junior year (May) and again in the fall of your senior year.

It is important to remember that a scholarship is only a small portion of total financial aid available and the scholarship portion is very competitive. You must build a strong four-year record to be competitive for scholarships. A factor to consider is that a number of organizations and companies award scholarships to students whose parents are employees or members; check with your counselor. Also, students with highly developed skills in art, music, etc., need to check the specific department at colleges and universities. Another good idea is to run through the Career Information System (CIS) financial aid search in the school's library and then bring the resulting scholarships to the College and Career Center. There are numerous resources available on the internet. See the District Website for updates on opportunities available through the JCHS College and Career Center. (See following pages)

COURSE REQUIREMENTS DEFINED - OREGON STATE SYSTEM OF HIGHER EDUCATION

<u>SUBJECT</u>	<u>CREDITS</u>	
English	4	Shall include the study of the English language, literature, speaking and listening, and writing, with emphasis on and frequent practice in writing expository prose all four years.
Mathematics	3	Shall include first year algebra and two additional years of college preparatory mathematics such as geometry (deductive or descriptive), advanced topics in algebra, trigonometry, analytical geometry, finite mathematics, advanced applications, calculus, probability & statistics, or courses that integrate topics from two or more of these areas. (One unit is highly recommended in the senior year. Algebra and geometry taken before the ninth grade will be accepted.) Students must have completed, at a minimum, a course at the Algebra 2 level (or equivalent) or higher to meet the math requirement.
Science	3	Shall include a year each in two fields of college preparatory science, such as biology, chemistry, physics, or earth and physical science (one recommended as a lab science).
Social Studies	3	Shall include one year of U.S. History, one year of global studies (world history, geography, etc.), and one year of social studies elective (government strongly recommended)
Foreign Language	2	Two years of the same high school level second language, or a grade of C or better in the third year of a high school level language, or two terms of a college level second language with a grade of C or better, or satisfactory performance on an approved assessment of second language knowledge and/or proficiency. Demonstrated proficiency in American Sign Language (ASL) is acceptable in meeting the second language requirement.
<u>TOTAL CREDITS:</u>	15	(Some 4 yr. Colleges require a total of 16 academic units with a C or better grades. Check with the admissions department of the university you are considering.)

FINANCIAL AID - Pick up a financial aid form and send it in by the end of January. In Oregon, anyone applying for state aid must also apply for the Federal Basic Education Opportunity Grant, now called the PELL Grant. Materials are available in the counseling office.

ADMISSIONS TEST REQUIREMENT - official scores of the Scholastic Assessment Test (SAT I) or the American College Test (ACT) are required for a four year university. If you fall below the minimum GPA requirement for admission, your test scores may be used as a way to meet the GPA requirement. For most students, test scores are used primarily for guidance and placement purposes.

COMMUNITY COLLEGE ADMISSIONS

Community colleges in Oregon do not require entrance exams, other than those administered by particular vocational departments and programs such as dental hygiene, nursing, etc. They will, however, require you to test for class placement (Math and Language Arts).

OTHER GRADUATION PROGRAMS

Junction City High School offers programs which serve as extensions of existing programs and are designed to meet unique student interests and needs.

Honors Diploma – Graduating seniors earning a 3.5 GPA or higher after 11 trimesters will be recognized as graduating with honors.

Early Graduation permits a student to graduate early from JCHS, provided that he/she meets specific requirements. These include discussing the possibility of early graduation with a counselor, parent and pathway teacher.

Delayed Graduation permits a student to complete all the requirements for graduation in more than 12 years.

Oregon Diploma Requirements (May be determined in senior year – See Counseling Center.)

PROCEDURES FOR ADDING / DROPPING CLASSES

Students who wish to add or drop a class may request to do so during Week One of each trimester.

Week One:

- Students discuss with their TEAM teacher any need to make changes to their schedule. Students complete the request for schedule change form and submit it to the counseling office.
- Counselor will schedule meeting with student as needed.

*Class changes are subject to class size, students' planned program, graduation requirements, and availability of appropriate alternative class. Changes in students' elective class choices will be limited.

Schedule Changes after Week One:

- Changes will be approved only for the following reasons:
 - Mislabeled in required course
 - Recommendation from teacher
 - Parent request/conference with administrator.
- Must complete schedule change form.

If a student chooses to drop, or stop attending a class after the end of Week Two, the class will be recorded on the transcript with a grade of F. The F will remain on the transcript until changed by the teacher using a grade change form. The grade can be changed to NP or NG.

GRADE POINT AVERAGE

GPA's are determined as follows for grades 9-12.

Grade	Points Based on Trimester Grades
A	4
B	3
C	2
D	1
F	0

The points are added and the number of classes taken is divided into them.

1. A grade of P (Pass) is not computed.
2. Class rank is based on GPA and is a criteria used in scholarship selection and in some cases for college admission

COLLEGE NOW PROGRAM (CN)

College Now classes are classes that are approved by Lane Community College (LCC). The classes are taught by college-approved high school teachers using college course outlines and college textbooks. Students earn college credits at the same time they are satisfying high school graduation requirements. The program provides an early orientation to college and the classes offered cover the same content specific to LCC courses. Students must earn **certain** grades in these classes to earn both the college as well as high school credit. For those students who choose to enroll in CN classes, LCC requires the final grade be recorded which will appear on the LCC transcript. It is important to follow the Drop Class calendar if you decide not to pursue the CN credit.

Upon graduation from high school, the graduate will need both a Junction City High School transcript and a Lane Community College transcript to be sent to the college of their choosing. Lane Community College transcripts can be ordered online at: <http://www.lanecollege.edu/es/transcripts.html>.

CAREER and TECHNICAL AREAS

Drafting/CAD/Architecture/Woodworking/Metals

Business:

- Accounting I
- Computer Applications
- Computer Fundamental
- Personal Finance

Family and Consumer Sciences

- Culinary Arts 1
- Culinary Arts 2

ACADEMIC TRANSFER CLASSES

Medical Terminology

Health Occupations

Intro to College Biology (AP Test Option)

Anatomy and Physiology

Math 95 Intermediate Algebra

AP US History

AP US Government & Politics

LA 4B/Writing 121

AP Computer Principles/CS 160

College Prep Chemistry

JCHS CLASSES OFFERED for COLLEGE CREDIT

CN Accounting I

CN Anatomy and
Physiology

CN Architecture I

CN Architecture 2

CN CAD I

CN CAD 2

CN Computer Applications

CN Intro to Drafting and
Design

CN Comp. Fundamentals

CN Medical Terminology

CN Health Occupations

Personal Finance -

(CN Based on instructor)

CN Culinary Arts 1, 2

CN Metals I, 2, 3, 4

CN Woodworking B

CN Math 95 Intermediate
Algebra

WEB RESOURCES FOR THE COLLEGE BOUND STUDENT

Selecting Post-High School

Program/School:

- www.collegeboard.com –conduct search on any 2 or 4 year college in US & more
- www.collegequest.com –college search & on-line applications
- www.collegeview.com –college search w/links to homepages, scholarship info
- www.ed.gov/thinkcollege –Site w/links to other college-related websites
- www.nces.ed.gov/ipeds/cool/Search.asp – National Center for Educational Statistics
- www.petersons.com –college search, financial aid, on-line apps. test prep
- www.review.com –The Princeton Review lists “Best 331 College” provides test info
- www.wiredscholar.com –Sallie Mae Company’s page w/links to loans & testing info

Admissions Testing Resources:

- www.collegeboard.org –SAT/PSAT practice tests, test dates. Info
- www.number2.com -practice tests
- www.testprep.com –SAT prep

Financial Aid & Scholarships:

General Information:

- www.collegeboard.org –all aspects of costs & financial aid, estimate family contribution
- www.collegesmart.com –help making financial aid calculation/estimate
- www.ed.gov/studentaid –everything you need to know about financial aid w/links
- www.fafsa.ed.gov/index.htm –complete & file FAFSA on line
- www.osac.state.or.us –State financial aid agency for Oregon administering state, local & private scholarships.

Links to State verified scholarship sites & searches.

Scholarship Searches/Resources:

- Match student to national, state, local sources for financial aid
- www.collegeboard.org –various options for searches
- www.collegenet.com/mach25 –search database

- www.finaid.org –National Association of Student Aid Administrators links to info
- www.fastweb.com – scholarship profile matches students to awards & emails notices of new awards –20-30 min process
- www.MACH25.com –scholarship sort
- www.scholarships.com –search database with over 6000,000 scholarships & financial aid info.
- www.winscholarships.com –Ben Kaplan's site w/info & links to sites that offer searchers

Specific Student Searches:

- www.fie.com/molis/scholar.htm –search geared for minority students
- <http://www.hillel.org/index> -Foundation for Jewish Campus Life
- www.hsf.net/ -Hispanic Scholarship Fund
- www.kidsource.com/kidsource/content3/college.planning.LD.html –college planning for students with learning disabilities
- http://www.lanecc.edu/foundation/scholarship_popp.htm–scholarships for LCC students listed by department, name, contact, amount & criteria
- www.naia.org/ -National Association of Intercollegiate Athletics
- www.ncaa.org/ -National Collegiate Athletic Association
- www.ncaa.org
- New College Student-Athletes – NCAA Resource Center
- <http://www.nmt.edu/>
- Hispanic Education Foundation

NCAA ELIGIBILITY INFORMATION – Contact the Career Center for the latest updates.

If you want to play NCAA Division I or II sports, you need to be certified by the NCAA Eligibility Center.

And that means you need to be more than a good enough athlete. You need to be a good enough student, too.

NCAA Division I requires 16 core courses. But beginning August 1, 2016, 10 of those courses will need to be completed prior to your seventh semester. For most of you, that's the start of your senior year.

Also, beginning August 1, 2016, Division I student-athletes will be required to graduate with a minimum 2.3 GPA in those core courses.

If you don't meet the academic requirements when you graduate, it's still possible to receive athletics aid. And you may still be able to practice. But you'll be stuck riding the bench. And who wants that? For the full list of initial eligibility requirements, visit 2point3.org and make sure you'll have the grades to play.

ELIGIBILITY CHECKLIST

- At the beginning of your sophomore year, register at eligibilitycenter.org.
- At the end of your junior year, ask your high school counselor to send your transcript to the NCAA Eligibility Center.
- Take the ACT or SAT and use the code "9999" to have your official scores sent directly to the NCAA Eligibility Center.
- Check with your high school counselor to make sure you are on track to graduate on time with your class and have the required amount of core courses.
- Beginning April 1 of your senior year, request final amateurism certification.
- Ask your high school counselor to submit your final transcript with proof of graduation.



For more information, visit 2point3.org.

NAIA Eligibility - Contact the Career Center for the latest updates.

The NAIA Eligibility Center will determine your eligibility based on your academic record and additional information you provide. Here's how it works:

High School Students

If you will graduate from high school this spring and enroll in college this coming fall, the requirements are simple. High school graduation, plus **two out of three** of these requirements

**1. ACHIEVE A MINIMUM
OF 18 ON THE ACT
OR 860 ON THE SAT.**

**2. ACHIEVE A MINIMUM
OVERALL HIGH SCHOOL
GPA OF 2.0 ON A 4.0
SCALE.**

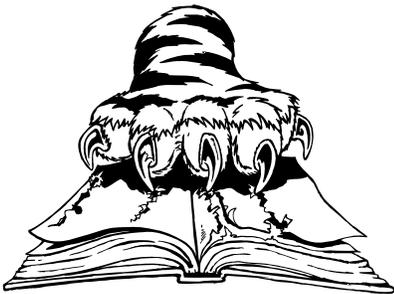
**3 GRADUATE IN THE TOP
HALF OF YOUR HIGH
SCHOOL CLASS.**

Early Decisions for High School Seniors

Students who have completed their junior year of high school with an overall 3.00 GPA on a 4.00 scale, plus the minimum test scores required (18 ACT or 860 SAT), may receive an eligibility decision early in the senior year. To receive an early decision, register with the NAIA Eligibility Center, have your high school send official transcripts to the Eligibility Center and contact ACT or SAT to have their test scores sent directly (the NAIA code is 9876 with ACT and SAT).



JUNCTION CITY
HIGH SCHOOL
TIGERS



2018-2019

JCHS Course Numbers 2018-19

ART

051540 Art 1
051550 Drawing / Painting
051591 Sculpture / Pottery
051700 Studio Art

BUSINESS

100041 CN Computer Applications 1
120060 CN Comp. Fundamentals
120510 Introduction to Business
120520 Business Management
121040/121041 CN Accounting 1 A/B
121042/121043 Accounting 2 A/B
121630 Sports and Entertain. Marketing
121490 Personal Finance(possible CN)

DIGITAL ARTS

110540 Photo I
110560 Digital Media I
110561 Digital Media II
110562 Digital Media III

CULINARY ARTS

160540 Beginning Foods
160541 Healthy Foods
160560 Baking and Pastry
160561 CN Culinary Arts 1
160563 CN Culinary Arts 2
160562 International Foods
160980 Workplace Culinary Arts

HEALTH and PHYSICAL EDUCATION

080010 Freshman PE
080011 Soph. Wellness PE
080020 Court Sports
080090/080091/080092 Wt Training A/B/C
080160 Lifetime Fitness
080040 Recreational Games
080510 Soph. Wellness Health
080570 Senior Health
141540 CN Medical Terminology
141530 CN Health Office Procedures & Careers
080190 Sports Officiating

INDIVIDUALIZED LEARNING

010080 English Language Development
020490/020491/020492 Math Lab A/B/C
222510/222511/222512 Foundations for
Life A/B/C
22252A / 22252B / 22252C
Communication - Study Skills A/B/C
020493 Foundational Math
010091 LA Lab
029960 Supplemental Math

LANGUAGE ARTS

010010 / 010011 / 010012 LA 1 A/B/C
010013 / 010014 Honors 9 B/C
010020 / 010021 LA 2 A/B
010022 / 010023 Honors 10 A/B
010030 / 010031 LA 3 A/B
010032 / 010033 Honors 11 A/B
010042 / 010043 LA 4 A/B
010060 / 010061 AP Eng. Lit. A/B
010090 Lang. Arts Concepts
011020 Senior Lit. Comp

Language Arts Electives

011040 Creative Writing
111011/111012/111013 News Prod. A/B/C
111014/111015/111016 Yearbook Pub. A/B/C
050540 Beginning Acting
050550 Drama
111010 Intro to Journalism
191511/191512/191513 Edu.100 Intro to Teaching
A/B/C

MATHEMATICS

020511/020512 Pre-Algebra A/B
02053A/02053B/02053C Elements of
Algebra
020520 /020521 Algebra 1 A/B
020580 Algebraic Functions (1C)
020720/ 020721 Geometry A/B
020750 Geometric Relationships (C)
020560 /020561 Algebra 2 A/B
021101 Pre-Calculus
021240 / 021241 AP Calculus A/B
022010 / 022011 AP Statistics A/B
029991 Essential Skills Math Development
020690 CN Math 95 Intermediate Algebra
100190 /100191 AP Computer Science Principles A/B

DO NOT PUT ON FORECASTING FORMS

MISCELLANEOUS ELECTIVES

191510 Cadet Teacher
220510 Office Assistant
220512 Counseling Assistant
220513 Attendance Office Assistant
220530 Media Center Assistant
221518 Work Experience (.5)
221519 Work Experience (1.0)
220540 Peer Tutor

MUSIC

051010/051011/051012 Concert Band A/B/C
051023/051024/051025 Symphonic Band A/B/C
051100 /051101 /051102 Concert Choir A/B/C
051180/051181/050812 Music Appreciation A/B/C

CAREER AND TECHNICAL

132020 CN Metals 1
132070 CN Metals 2
130550 CN Metals 3
130551 CN Metals 4
130552 Adv. Metal Projects
170060 CN Woodworking A
170061 CN Woodworking B
130540 Woodworking C
130541 Adv. Woodworking Projects
211021 CN Intro Drafting & Design
211070 CN CAD 1
211071 CN CAD 2
210150 Adv. Drafting and Design
211034 CN Arch. 1: Residential Design
211035 CN Arch. 2: Commercial Design
102020 3D Design and Computer Animation

CN Courses - have been articulated
with colleges for college credit (refer
to curriculum handbook)

SCIENCE

030510 / 030511 / 030514 Biology A/B/C
030990 Gen. Biology - Life Science
030520/030521/030522 Intro College
Biology A/B/C
031013 Gen Chemistry
031021 / 031022 / 031023 College Prep
Chemistry A/B/C
031512 / 031513 Applied Physics A / B
031520 / 031521 College Prep Physics A/B
030530/ 030531 CN Anatomy & Phys. A/ B
030050 Gen Science – **Mar Sci A NOT 18-19**
030051 Gen Science – **Mar Sci B NOT 18-19**
030610 Ornithology **NOT 18-19**
030020 Gen. Sci. – Geology A
030021 Gen. Sci. – Geology B

SCIENCE ELECTIVES

030040 Astronomy
210140 Exploring Engineering & Design
032050 History of Science
032140 Forensic Science

AGRICULTURAL SCIENCE

185040 Agr. Sci./Natural Resources
181010 Agr. Sci./Animal Science
180520 Agr. Sci./Horticulture
185020 Forestry

SOCIAL STUDIES

040010 / 040610 Social Studies Global
Survey A/B
041030 / 041031 U.S. History A / B
041040 / 041041 AP U.S. History A / B
041510 Citizenship
042010 Economics & Global Perspectives
041570/041571 AP US Govt & Politics A/B

SOCIAL STUDIES ELECTIVES

041050 Pacific Northwest History
040640 Contemporary World Issues
041020 Early US History
040015 Advanced Geography
040620 World Cultures
041095 History in Film

WORLD LANGUAGE

240520/240521 Spanish 1 A/B
240530/240531 Spanish 2 A/B
240540/240541 Spanish 3 A/B
240550/240551 Spanish 4 A/B

A=1st Trimester

B=2nd Trimester

C=3rd Trimester

Full credit classes have A and B sections -
students must take both.

Classes with A / B / C need to be taken in
sequence. Please read curriculum guide
to determine if you need all three.

ART

ART 1 - May not be repeated for credit

051540

(9-10-11-12)

Prerequisite: None

This is a prerequisite to all other art courses if students have not had art at the high school level. Through a variety of two-dimensional and three-dimensional class projects, students will gain experience in basic principles and skills needed for the more specialized classes. We will explore color theory, design principles, drawing techniques and the creative process. We will also explore areas covered in the more advanced classes so that students will be prepared to make good choices on succeeding art classes. Some art history, as well as careers in art, will be covered.

DRAWING / PAINTING

051550

(9-10-11-12)

Prerequisite: Art 1

In this class we will use watercolor, tempera, acrylic and an assortment of drawing materials to improve basic drawing and painting skills, and to develop greater awareness of possibilities for art work. There will be traditional skills assignments and work with visual images and newer media.

SCULPTURE / POTTERY

051591

(9-10-11-12)

Prerequisite: ART 1

This class will involve working in ceramics. We will cover ceramic hand-building techniques, throwing on the wheel and additive and subtractive sculpture. Students will learn special decorating techniques including glazing, painting and staining.

STUDIO ART

051700

(10-11-12)

Prerequisite: Art 1 and Instructor's consent

This is an art class for the student who wishes to work in their own medium: drawing, painting, printmaking, and pottery. This course will enable the student to explore in depth the techniques and methods in their desired medium in a studio atmosphere. Art history will be integrated into the curriculum with writing requirements. This class has a textbook with required reading assignments.

BUSINESS EDUCATION

Management: CN Computer Fundamentals, Introduction to Business, CN Computer Applications 1, Business Management, CN Personal Finance

Marketing: Sports Marketing/Management

Accounting: CN Accounting 1 A/ B

College Now (CN) Lane Community College Credit Available

College Now articulated classes vary each year. If a student meets the grade requirement for the articulated class they may save money on college tuition and fees. See page 6 for more information on College Now (CN).

CN COMPUTER FUNDAMENTALS - *4 college credits available if student earns a 'B' grade or better.

120060

(9-10-11-12)

Prerequisite: None

Computer Fundamentals teaches students how to use the keyboard using the touch system. This class is a must for the student who plans to use computers for personal and school, pursue post high school education, or go into the work force. Good techniques will be stressed. In addition, students will learn the basics of Windows 7 operating system, 2016 Microsoft Word, Excel, and Access software programs.

CN COMPUTER APPLICATIONS 1 - *4 college credits available if student earns a 'B' grade or better.

100041

(10-11-12)

Prerequisite: Computer Fundamentals or Instructor Consent.

Computer Application is a course designed for the student who has successfully completed Computer Fundamentals. This course will assist the student to gain skills and learn Windows 7 and 2016 Microsoft Word, and Excel. We use business applications to learn a variety of topics. Students must work well on an independent, self-directed basis and have basic computer skills if Computer Fundamentals has not been completed.

INTRODUCTION TO BUSINESS

120510

(9-10-11-12)

Prerequisite: None

Entry level course designed to introduce basic business concepts. The goal is to give students an idea of how the American business works financially, to understand business operations and to understand how a student would make decisions as a consumer, wage earner and possible entrepreneur. Recommended for all students, especially those interested in business careers. This is a base level course for the Business Education department.

BUSINESS EDUCATION

BUSINESS MANAGEMENT AND SPORTS AND ENTERTAINMENT MARKETING / MANAGEMENT ARE OFFERED DURING THE SAME CLASS PERIOD ONE TRIMESTER ONLY. SIGN UP FOR THE ONE YOU PREFER.

BUSINESS MANAGEMENT

120520

(11-12) Sophomores with Instructors Consent

Prerequisite: Intro to Business

This course is designed to explore what a business does in the big picture and how and why employees use career related learning skills that are required for their career. The student will look at careers they have an interest in by visiting different types of businesses, and job shadowing someone who represents a student interest. Predictions and activities will enhance the learning of each student. Connections made by students with real life occupations and involvement with designing your own project are included and required. The student in this class must be a self-starter, must work well independently and complete TWO required job shadow experiences.

SPORTS AND ENTERTAINMENT MARKETING / MANAGEMENT

121630

(11-12) Sophomores with Instructors Consent

Prerequisite: Intro to Business

This class is designed to introduce to students the business of Sports and Entertainment Marketing and Management in our society. Sports Marketing is using sports to market products. Entertainment Marketing is influencing how consumers choose to use their leisure time and money. Students will do a wide variety of activities to understand and demonstrate their learning about the marketing and management of products and services directly to consumers. The student in this class must be a self-starter and ambitious enough to complete work without constant supervision. A project will be required.

CN PERSONAL FINANCE - *4 college credits available if student earns a 'B' grade or better.

121490

(12) – Seniors only

Prerequisite: None

This is a one trimester course required for graduation from JCHS. The major purpose of this course is to improve economic citizenship through the study of personal, business and economic environments in which we live and work. The course goal is to develop individuals who are: 1) competent in managing their personal business affairs; 2) skillful in selecting and using the goods and services that are available; and, 3) aware of the world of work and concerned about career opportunities, career preparation and job success. A project is required.

***College credit available if the student earns a grade of “B” or better by taking the class from Mr. Schneider only.**

BUSINESS EDUCATION

CN ACCOUNTING 1A/B - *4 college credits available if student earns a grade of 'B' grade or better in both trimesters.

121040 / 121041

(10-11-12)

A Trimester Prerequisite: Intro to Business, Business Management, or Sports Marketing

B Trimester Prerequisite: Accounting 1A

Accounting 1 will teach the students how a business keeps financial records. Students will learn the complete accounting cycle, using a general ledger, trial balance, income statement and balance sheet. They will also learn to use cash receipts, cash payments, purchases and sales journals and subsidiary ledgers. They will study a unit on payroll. Simulated practice course for individuals interested in business

vocations and for those who want to own their own business. Simulations done by hand and on computer are part of this course. You must have good class and homework study skills.

ACCOUNTING 2A/B

121042 / 121043

(11-12)

A Trimester Prerequisite: Accounting 1A and Accounting 1B

B Trimester Prerequisite: Accounting 2A

This advanced class builds on the principles of Accounting 1 A and B, and includes management level decision making based on interpretation of financial data. This is an independent study course at the college prep level. Students must be able to work well independently. There is a required minimum amount of accounting expected by the end of each grading period. Simulations done by hand and on computer are part of this course.

DIGITAL ARTS

PHOTO I

110540

(9-10-11-12)

Prerequisite: None

Class Fee: \$20

This is a beginning level fine arts digital photography course. No prior experience is required. Students will learn a variety of composition techniques, basic operation of a Canon Rebel digital camera, and photo editing using a variety of free on-line software programs. Students may use their own SD card or check one out from the instructor. All work is done in class and there is no homework assigned. However, if a student is absent they must make arrangements to make-up the work outside of class. Students should plan to take walking field trips throughout the term. Students and a parent must sign a liability form taking full responsibility for the camera and other equipment while it is in the student's possession. Students may take this course a maximum of two times for credit.

DIGITAL MEDIA 1

110560

(9-10-11-12)

Prerequisite: significant computer experience and interest

Class Fee: \$20

Students wishing to take this fine arts class should be more responsible and self-motivated than the average student. This class requires a strong interest in using a computer to create projects. Students need to be self-starters and problem solvers. Students need not have prior experience creating video, however significant prior computer experience is required. Beginning students will use on-line resources to complete three required projects: sketch, commercial, and a short film. If time in the term allows students may be able to choose a fourth project. Students may want to purchase their own SD card (64MB, 10 class). Students may use their own equipment. Students and a parent must sign a liability form taking full responsibility for the camera and other equipment while it is in the student's possession. Students may take this course two times for credit.

DIGITAL MEDIA 2

110561

(9-10-11-12)

Prerequisite: B or better in Digital Media 1

Class Fee: \$20

Students wishing to take this fine arts class should be more responsible and self-motivated than the average student. Students need to be self-starters and problem solvers. Individualized and independent learning in digital media topics agreed upon by student and instructor at the beginning of the term. Students are responsible for creating their own customized plan for the term, ongoing communication with the instructor, and following through on their plan. Students may work independently or in a group. Students working in a group must have a specific role(s) they are fulfilling on a project and will be held accountable for the product of that role. Students are required to purchase their own SD card (64MB, 10 class). With instructor approval, it may be possible to take this course in a class period not on the master schedule. Students may use their own equipment. Students and a parent must sign a liability form taking full responsibility for the camera and other equipment while it is in the student's possession. Students may take this course multiple times for credit.

DIGITAL ARTS

DIGITAL MEDIA 3

110562

(11-12)

Prerequisite: B or better in Digital Media 2 & Instructor's consent

Class Fee: \$20

Students wishing to take this fine arts class should be more responsible and self-motivated than the average student. Individualized and independent learning in digital media topics agreed upon by student and instructor at the beginning of the term. Students are responsible for creating their own customized plan for the term, ongoing communication with the instructor, and following through on their plan. Students may work independently or in a group. Students working in a group must have a specific role(s) they are fulfilling on a project and will be held accountable for the product of that role. Students are required to purchase their own SD card (64MB, 10 class). With instructor approval, it may be possible to take this course in a class period not on the master schedule. Students may use their own equipment and with parent permission may work off campus. Students and a parent must sign a liability form taking full responsibility for the camera and other equipment while it is in the student's possession. Students may take this course multiple times for credit.

JCHS PRODUCTIONS (Not Offered in 2018-19)

102490

(11-12)

Prerequisite: significant computer experience, 2 teacher recommendations, and Instructor's consent

This is an advanced fine arts course for only the most mature, and most responsible students. Students must have experience shooting video, using social media, using a digital camera, and various other technologies. Student will work with instructor and independently on a wide variety of projects for JCHS including shooting video for events, taking pictures, researching information, brain storming ideas to promote JCHS, and other duties to be determined. Students will also assist in audio/visual equipment set-up for assemblies, events, and meetings. Occasional evening hours may be necessary. Attendance, GPA, behavior, attitude, and work habits are significant factors in determining acceptance. Students must be able to operate with the highest level of integrity while working independently. Some work may be done off campus therefore parents must sign an off campus permission slip. Students and a parent must sign a liability form taking full responsibility for the camera and other equipment while it is in the student's possession. This course will not be on the master schedule, but can be added to a student's schedule potentially any period. Students may take this course multiple times for credit.

CULINARY ARTS

College Now (CN) Lane Community Credit Available

College Now articulated classes vary each year. If a student meets the grade requirement for the articulated class they may save money on college tuition and fees.

See page 6 for more information on College Now (CN).

BEGINNING FOODS

160540

(9-10-11-12)

Prerequisite: None

This "how to" course will provide students with the classroom and cooking lab experiences to know and understand the basics of food principles and nutrition. Units of study will include proper kitchen safety and sanitation, proper measurement skills, identifying kitchen tools and equipment, cooking terminology, basic and advanced cooking principles, food-borne illnesses and their causes, and nutrition knowledge. The course will be taught using a variety of methods such as handouts, demonstrations, study guides, lecture, and food cooking labs. This class is the prerequisite for the advanced foods classes. (Lab Fee \$20).

HEALTHY FOODS

160541

(9-10-11-12)

Prerequisite: passing grade in Beginning Foods

Healthy Foods is designed for the student who wants to improve his/her eating habits or for students who are interested in working in the nutrition field. There is a focus on making and eating a variety of whole foods that give you the nutrients you need to maintain your health, feel good, and have energy. These nutrients include protein, carbohydrates, fat, water, vitamins, and minerals. Students will practice basic safety, sanitation and food preparation skills while learning in depth about the six essential nutrients and food properties. (Lab Fee \$20).

CN BAKING and PASTRY

160560

(9-10-11-12)

Prerequisite: None

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This class is for students who are seriously interested in exploring advanced baking techniques through lab practice – cookies, muffins, scones, breads, cakes and other baked items will be prepared. Creativity and presentation will be stressed, with the majority of products prepared being offered for sale. This is a College Now course with 3 college credits available for completing with a grade of 'B' or better.

(Lab Fee \$20).

CULINARY ARTS

CN CULINARY ARTS 1 - CATERING AND RESTAURANT MANAGEMENT

160561

(9-10-11-12)

Prerequisite: Successful completion of Beginning Foods and Instructor's consent.

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This class is intended for the serious Culinary Arts student. We will focus on food production, management, and service. Topics include menu planning, large scale food production, and career opportunities. If you love to cook for yourself and others, this class is for you! This is a College Now course with 3 college credits available for completing with a grade of 'B' or better. (Lab Fee \$20).

CN CULINARY ARTS 2 - INTRODUCTION TO HOSPITALITY AND TOURISM

160563

(10-11-12)

Prerequisite: Successful completion of Beginning Foods and Instructor's consent.

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This is an introductory course designed to provide you with a broad overview of the hospitality industry and the various segments that comprise the industry. This course will focus primarily on travel and tourism, the food and beverage segment, meetings and special events, and the lodging industry. (Lab Fee \$20).

INTERNATIONAL FOODS

160562

(9-10-11-12)

Prerequisite: Successful completion of Beginning Foods

Students will explore the different regions of the United States, preparing dishes that depict those regions. A review of kitchen safety, sanitation, cooking terms, techniques, and equipment will be included. Students will also identify, analyze, and investigate the common and unique elements of different cultures from around the world. This will encompass food, government, customs, and traditions within a country of their choice. Working as a team, the students will research, develop, and present their findings to the class. In addition, they will help plan and prepare a variety of international meals that will be served throughout the trimester. (Lab Fee \$20).

CN WORKPLACE CULINARY ARTS

160980

(11-12)

Prerequisite: Current Culinary Arts-related employment

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

Cooperative Education is work-based learning where you, the student, learn culinary/hospitality skills in a work setting, typically under the guidance of a working professional with support from me, the Culinary Arts teacher. Learning sites are off campus with private industry. Your work-site supervisor will orient, supervise, instruct and evaluate your performance. I will meet on-site with your supervisor several times during the term to discuss your performance and to do a final evaluation. While at your work site, you and I will meet individually and you will show me what you have been learning as part of my assessment of your learning. You will also evaluate your own progress at the end of the experience, which will contribute to your grade.

HEALTH AND PHYSICAL EDUCATION



FRESHMAN PHYSICAL EDUCATION - Required

080030

(9)

Prerequisite: None

This course is designed to introduce and review sports and activities in the areas of team sports, court sports, field sports, individual and dual sports, and dance/movement. Students will also benefit from daily, ongoing fitness training and activities to improve individual levels of fitness. This is a class where state standards can be met.

WELLNESS PE - Required

080011

(10)

Prerequisite: **Freshman PE**

This course is designed to encourage lifetime activities and fitness. Students will participate in a variety of activities that are aerobically and lifetime centered as well as in wellness walk/jog on Mondays, Wednesdays, and Fridays. Students will also be responsible for creating and teaching a game to class.

RECREATIONAL GAMES

080040

Prerequisite: **Successful completion of Freshman PE and Wellness PE**

This course is an elective physical education class that provides further instruction and experience in various recreational physical activities. Students will deepen knowledge of opportunities that allow them to be physically active throughout the lifetime. Units of instruction will include traditional and non-traditional sports such as basketball and badminton; social activities such as disc golf and lawn games; and individual pursuits. Individual units will include activity-specific information and appropriate testing for evaluation.

COURT SPORTS

080020

(11-12)

Prerequisite: **Frosh PE (Priority given to Juniors and Seniors)**

This course is designed to take an in depth look at the skills, roles and strategies of designated court sports activities. This is a challenging course intended for highly skilled participants in grades 11 and 12. This class may not be taken in consecutive trimesters.

WEIGHT TRAINING A/B/C

080090 / 080091 / 080092

(9-10-11-12)

Prerequisite: **Frosh PE**

This is an elective course for tenth, eleventh and twelfth grade students, and ninth grade students who have previously passed Freshman PE. **Freshmen wanting to take Weight Training must get instructor approval.** The students enrolled will design and follow a daily lifting program that includes warm-up running and some plyometric activities. Strength tests will be given three times each trimester as a means to determine strength improvements. There are written requirements in this class; keeping a daily log of activities completed and writing a report related to weight training.

LIFETIME FITNESS

080160

(10-12)

Prerequisite: **Freshman PE & Sophomore Wellness PE or by teacher approval.**

This elective course is designed to further develop students' understanding of various lifetime physical activities. This is a non-competitive class focused on individual improvement and overall wellness. Students will develop skills and knowledge to access physical activity opportunities in everyday life with the goal of fostering an enjoyment of a physically active lifestyle. Students will ultimately design and implement personalized fitness plans. Units will include, but are not limited to: running/walking, strength training, yoga, Pilates, and recreational games.

ELECTIVE PE – (Not offered in 2018-19)

080040

(11-12)

Prerequisite: **Frosh/Soph PE**

This course is designed to review BASIC skills at a pace that insures thorough understanding of concepts and strategies in team, dual, court, and field sports. Students will also have the opportunity to enhance personal levels of physical fitness through ongoing fitness training activities.

SPORTS OFFICIATING

080190

(10-12)

Prerequisite: **Frosh PE**

This course will expose the student to the world of a sports official. Various sports such as basketball, volleyball, baseball, and soccer will be examined. This course will test not only your knowledge and physical skills but also how you respond and handle people in a great teaching environment that can at times become volatile. Students will be prepared to work as a youth sports official and have the opportunity to work toward official certification.

Health Careers Pathway

Courses required for the basic healthcare certificate:

- CN Keyboarding (3 LCC credit hours)
- CN Computer Fundamentals* (3 LCC credit hours)
- CN Health Office Procedures and Careers** (2 LCC credit hours)
- CN Medical Terminology** (3 LCC credit hours)
- CN Anatomy and Physiology (3 LCC credit hours ea.)
(both A and B sections)***
- CN Math 95 Intermediate Algebra**** (5 LCC credit hours)
- **Currently Writing 121 is offered at JCHS through LA 4B. Students will need to enroll and complete class to transcript with Western Oregon University. Required tuition will be paid by the student.**

Most of the classes listed above, which are offered at Junction City, may earn dual credit through LCC. Each class has different minimum grade requirements for LCC credit.

In order to attain your Basic Healthcare Certificate you must pass the above listed classes and complete 40 hours of internship at a medical facility.

*Prerequisites for Computer Fundamentals: Junior and Senior status. ** Sophomores with instructor consent.

**Prerequisites for Health Office Procedures & Careers and Medical Terminology: Junior or Senior status and having passed Wellness Health.

***Prerequisite for Anatomy and Physiology: A passing grade in Biology A & B,

****Prerequisites for Math 95: Completion of Algebra 1 (all sections) and completion of Geometry (all sections) with a C or better in all sections and Algebra 2A.

SOPHOMORE WELLNESS HEALTH

080510

(10)

Prerequisite: Sophomore Status

This required course meets all state standards in health and will satisfy one half of JCHS' health requirement. The course is designed to help the student examine and learn strategies for lifetime wellness in the following content areas: Wellness, Personality, Stress Management, Sexuality, Immune System and Chronic Diseases, Nutrition and Alcohol, Tobacco and Other Drugs.

SENIOR HEALTH

080570

(12)

Prerequisite: Senior Status

This is a one trimester required course for seniors that completes JCHS' health requirement. This course will address post high school family life, marriage, parenthood, family health, social life changes, aging and related topics.

CN MEDICAL TERMINOLOGY

*3 college credits available if student earns a 'C' grade or better.

141540

(11-12)

Prerequisite: Completion of Wellness Health and Junior status

This class is designed for those students who will be engaging in a medical/nursing career. Students will study and learn to use word roots to better understand the human body and the field of medicine. This is a College Now class and credit will be available through Lane Community College as well as JCHS. Medical Terminology is a prerequisite to any nursing/medical program.

CN Health Office Procedures and Careers

*3 college credits available if student earns a 'C' grade or better.

141530

(11-12)

Prerequisite: Completion of Wellness Health and Junior status

This class is designed to introduce students to health careers, issues that arise from working in health careers and the legal and ethical requirements necessary to work in the health industry. Any student completing the course with a C grade or better will be able to earn LCC credit, and will be fulfilling a major prerequisite for many of the Health Care programs at LCC.

INDIVIDUALIZED LEARNING OPPORTUNITIES

ENGLISH LANGUAGE DEVELOPMENT

010080

(9-10-11-12)

Prerequisite: Staff Recommendation.

English Language Development is offered for students whose first language is something other than English. Students will practice listening and speaking skills with a small group of peers. The class may include lessons on vocabulary, grammar and American culture, according to individual needs. Students will take a test at the beginning of the school year to determine their English language level in a classroom setting. Class must be repeated for credit until qualifying test scores meet standards.

THESE COURSES SHOULD NOT BE SELECTED WHEN FORECASTING A STUDENT SCHEDULE WITHOUT PRIOR CONSENT:

MATH LAB A/B/C

020490 / 020491 / 020492

(9-10-11-12)

Prerequisite: IEP may be repeated for additional credit (elective).

This course covers basic algebra concepts at an introductory level and at a slow pace for students who are not quite ready for the Elements of Algebra class. Students may be moved from Elements to Math Lab if needed. Students who cannot perform basic computations will use a calculator. This class **does not** earn math credit.

FOUNDATIONS FOR LIFE A/B/C

222510 / 222511 / 222512

(9-10-11-12)

Prerequisite: IEP

This is a specially designed class to foster the survival skills of students in the world outside the school.

There is a four-year rotating curriculum to cover—communication skills, job skills, citizenship and community issues, bus riding, time management, shopping skills, cooking/nutrition and budgeting issues. It earns an elective credit. Class may be repeated.

COMMUNICATION AND STUDY SKILLS

22252A / 22252B / 22252C

(9-10-11-12)

Prerequisite: IEP

This class is designed to help support students in their core classes by providing support with reading, writing, and study skills. Students are required to track homework assignments, work independently, and participate in daily language arts practice activities.

SUPPLEMENTAL MATH (By Teacher Consent Only)

029960

(9-10-11-12)

Prerequisite: Individualized Education Plan (IEP) or 504
May be repeated for credit.

This course is designed to provide additional support for students in general education math classes.

FOUNDATIONAL MATH (By Teacher Consent Only)

020493

(9-10-11-12)

Prerequisite: Individualized Education Plan (IEP)
May be repeated for credit.

This course is for students who need basic life math skills, such as using money and telling time. Elective credit only; open only to students by teacher permission.

LANGUAGE ARTS LAB (By Teacher Consent Only)

010091

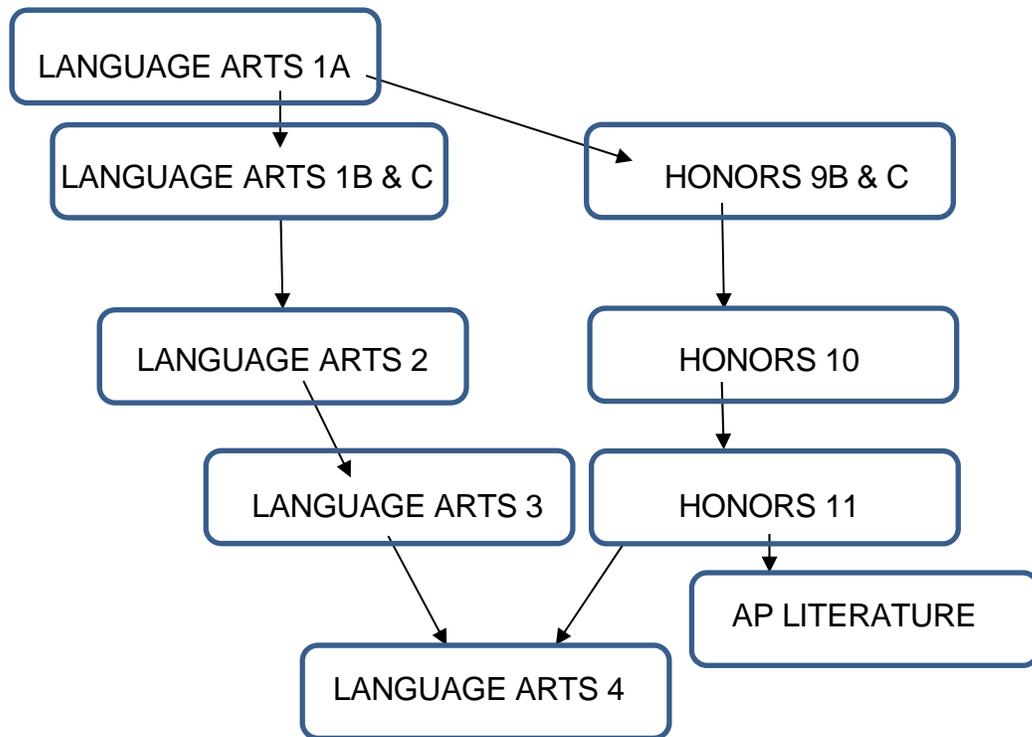
(9-10-11-12)

Prerequisite: Individualized Education Plan (IEP) or 504 plan
May be repeated for credit.

This course is designed to provide additional support for students in general education language arts classes.

LANGUAGE ARTS

FLOW CHART



LANGUAGE ARTS

- A. All Junction City High School graduates must have passed eight (8) trimesters of required language arts and pass required state assessments in both reading and writing to meet graduation requirements.

Language Arts 1A, 1B & 1C

Language Arts 2A & 2B

Language Arts 3A & 2B

Language Arts 4A & 2B

- B. All Oregon State System of Higher Education colleges now require entering freshmen to have passed four years of English in high school. Recommended course for the college bound student:

Language Arts 1A, B & C **or** Language Arts 1A, Honors 9B & C

Language Arts 2A & 2B **or** Honors 10A & B

Language Arts 3A & 3B **or** Honors 11A & B

Language Arts 4A & 4B **or** Advanced Placement English (literature)

LANGUAGE ARTS 1 A/B/C

010010 / 010011 / 010012

(9)

Prerequisite: None

Language Arts 1 courses provide instruction to develop language skills and strategies in reading, writing and speaking. Students work to master reading comprehension and become critical readers of both fiction and nonfiction, ranging from periodic and online articles and essays, to short stories, drama, novels and poetry. Students also develop their writing skills through imaginative, narrative, expository and argumentative essays written for a variety of audiences and purposes, and are introduced to academic writing (MLA) and research. In addition, students prepare and present a variety of speeches, both formal and informal.

HONORS 9 B/C

010013 / 010014

(9)

Prerequisite: LA 1A instructor's consent

This course introduces students to elements of literature, essay writing, and public speaking. The second trimester of the course emphasizes more complex reading, writing, and speaking activities. Content and pacing of the course is geared to students who have strong study skills in addition to advanced skills in reading and writing.

LANGUAGE ARTS 2 A/B

010020 / 010021

(10-11)

Prerequisite: LA 1 or instructor's consent.

This course surveys several genres of world literature including poetry, fiction, nonfiction, short stories and drama in a historical/cultural context. Students develop and demonstrate reading and writing skills at the state standard level, with an emphasis on narrative, expository and argumentative strategies.

HONORS 10 A/B

010022 / 010023

(10)

A Trimester Prerequisite: B in Honors 9 or instructor's consent

B Trimester Prerequisite: Honors 10A or instructor's consent

This course is designed for the advanced English student who wishes to explore a more challenging college-prep course of study. Readings include classics of American, European and world literature and non-fiction with a strong historical/cultural emphasis. Students should be prepared for extensive reading, project learning and in-depth literary analysis. Essay writing is frequent and emphasizes text-based exposition and argument.

LANGUAGE ARTS 3A/B

010030 / 010031

(11-12)

Prerequisite: LA 2

This course examines American Literature from colonial to current time-periods. Students will continue to develop their skills in thinking, reading and writing critically. A variety of literary genres will be studied, covering both classic and contemporary fiction and non-fiction. Students will also complete a research project and prepare for essential skill testing in writing and reading.

HONORS 11 A/B

010032 / 010033

(11-12)

A Trimester prerequisite: Instructor's consent

B Trimester prerequisite: Honors 11A or instructor's consent

This course is designed for advanced college-bound students. Emphasis in this course will be on literary analysis and extensive academic (MLA) writing. Pre-AP vocabulary and materials are also emphasized. Students will also complete a major research project.

LANGUAGE ARTS 4 A/B

010042 / 010043

(12)

Prerequisite: LA 3 or instructor's consent

This course exposes students to prose written in a variety of periods, disciplines, and contexts. Emphasis in the first trimester enables students to refine skills of analyzing and evaluating literature by study of language and writing compositions, which include literary analysis, exposition, argument and narrative. In LA 4A, students will complete a senior project including a formal research essay. Second trimester incorporates a trimester-long research project which reinforces MLA research practices, authorial purpose, intended audience, and the subject at hand. Students learn to develop stylistic flexibility as they write compositions covering a variety of subjects and various purposes. Students have the opportunity to earn College Credit for Writing 121 in this course.

A.P. ENGLISH LITERATURE A/B

010060 / 010061

(12)

A Trimester Prerequisite: B in Honors 11, or Instructor's consent.

B Trimester Prerequisite: AP English Lit. A

This course is an accelerated college preparatory course in which students study literature and write critical essays. Emphasis is placed on critical reading and analytical writing. [A national exam in May can provide college credits if score is high enough.] Students need to do extensive reading outside of class and complete summer reading activities

LANGUAGE ARTS CONCEPTS

010090

(10-11)

Prerequisite: Sophomore/Junior with Instructor and Administrative Approval

This class may be required for students who are not making progress in Essential Skills and/or Common Core skills (Smarter Balance Assessment) in the areas of reading and/or writing to attain proficiency, approaching mastery and mastery of focus standards. This class is designed to build upon previous reading and writing skills by reinforcing logic and critical thinking as well as developing composition techniques and strategies for various purposes and audiences.

SENIOR LITERATURE/COMPOSITION

011020

(12)

Prerequisite: Senior with Instructor and Administrative Approval

This class may be required for students who are entering their senior year and have not met the Essentials Skills (Smarter Balanced Assessment) in the areas of reading and/or writing. This senior class is designed to build upon previous reading and writing skills by reinforcing logic and critical thinking skills as well as developing more advanced composition techniques for different purposes and audiences.

LANGUAGE ARTS ELECTIVES

CREATIVE WRITING

011040

(9-10-11-12)

Prerequisite: none

Creative Writing is a one-term elective class for those who enjoy writing. Class work involves daily journal writing from prompts and classroom exercises to increase the student's skill in personal expression, poetry, short story writing, dialogue, drama, etc. A self-designed independent term project and presentation is required of all students.

This course may be taken twice for elective credit only.

NEWS PRODUCTION A/B/C

111011 / 111012 / 111013

(9-10-11-12)

Prerequisite: Advisor consent. May be repeated for credit.

Students participate in every aspect of newsmagazine production, from interviewing, reporting, writing and photography to designing the actual page layouts.

The quality of student work and space availability will always determine publication. Every student is expected to meet ALL deadlines, cooperate with student editors, accept all assignments as well as participate in workshops, field trips and activities. Additional time outside of class will be needed to complete most assignments. Leadership opportunities can be earned by students in the form of editorial positions. Computer skills are desirable; potential photographers should already have taken Photo I. Registration for at least two trimesters is preferred for all staff.

YEARBOOK PUBLICATION A/B/C

111014 / 111015 / 111016

(9-10-11-12)

Prerequisite: Instructor's consent (may be repeated for credit)

The instructor's consent is necessary for enrollment in this course. Students are responsible for capturing the highlights and writing the history of the school year through state-of-the-art desktop publishing programs and techniques. They may also take on responsibilities involving photography, graphic arts, advertising and sales, or organization. Students should be good communicators and appreciate all aspects of the school experience. The ability to meet deadlines is crucial and computer skills are desirable. The *Felis Tigris* yearbook is an award winning yearbook and students have the opportunity to win state and national recognition for their work on this publication. Instructor recommends taken as three consecutive trimesters, with a minimum of two trimesters enrolled, exceptions on an individual basis.

DRAMA

050550

(9-10-11-12)

Prerequisite: None

Drama lets students explore their dramatic side. It isn't specifically for people who want to perform on-stage, but instead allows all kinds of people take risks, try new things and become more comfortable with being in front of people. The class will work on student's self-esteem, communication, problem solving and teamwork skills, all while exploring drama and the art of acting. Students will also explore other basic areas of theater including set design, lighting, costuming and play-writing. Written work as well as a final production will be part of this class. All students enrolled will be expected to participate in the final production, although their role does not have to be on stage.

BEGINNING ACTING

050540

(9-10-11-12)

Prerequisite: None

Beginning acting focuses on developing the actor within each student. Students will move through units focused on: group cohesion and trust, body exploration, memorization, character development and more. Each unit will work to expand the actor within the student. All students are required to try acting. An evening performance is not typically part of this class.

INTRO TO JOURNALISM

111010

(9-10-11-12)

Prerequisite: None

Introduction to Journalism provides students with an introduction into all areas of journalism. Students will study journalism itself, journalistic writing (in multiple forms), journalistic design and journalistic photography. Students will be expected to participate in all units of the class.

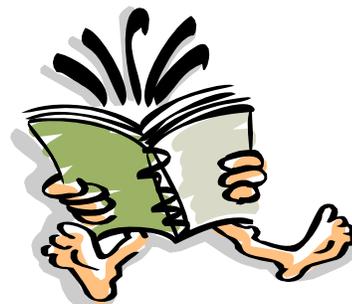
INTRODUCTION TO TEACHING (ED 100) A/B/C

191511/191512/191513

(10-11-12)

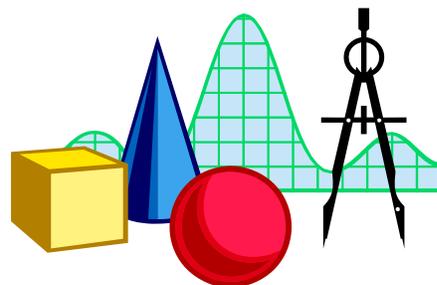
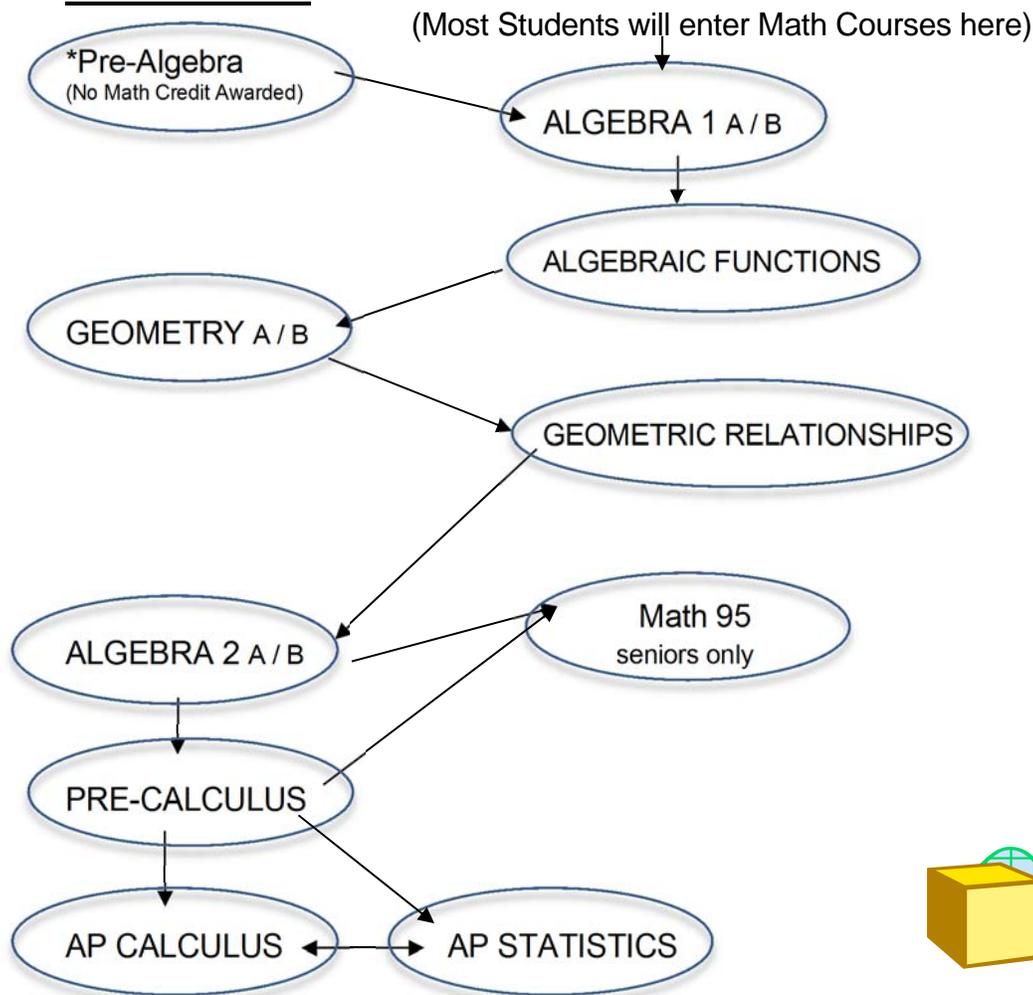
No Prerequisite Required. *This is a full-year (3 Term) course.

This course provides an overview of the Education field for those considering a career in teaching. Students will explore the classroom community, human development as a basis for the acquisition of knowledge, culturally responsive teaching practices, and engage in a research project studying a current issue in education. Course also includes an in-class observation. No prerequisite required and college credit is available upon successful completion of this course.



MATHEMATICS

FLOW CHART



Students must earn 3.0 credits of math at the Algebra 1 level and higher. Students must also pass the Oregon math assessment or produce an alternate demonstration of proficiency to earn a diploma.

If a student is interested in attending a four-year college or university, completion of Algebra 2 is required. It would be best for students interested in science or engineering to progress through the mathematics curriculum far enough to have experienced Pre-Calculus.

Within the Mathematics program, placement of a student in the proper class is a very important decision. Students moving from middle school into high school have a recommendation and test scores from their 8th grade math teacher.

The Math Department at JCHS believes that teacher recommendations, student's grades and any student or parent input is important in the decision for placement. Grades of C or higher are required for students to continue to take college prep classes.

MATHEMATICS

***PRE-ALGEBRA A/B**

020511 / 020512

(9)

Prerequisite: Instructor recommendation / Assessment Placement

This 2-trimester course assumes that the student has a weak background in basic operations of arithmetic involving whole numbers, decimals, and fractions. Topics to be covered include mastering math facts through games, plotting points, order of operations, variables, and solving linear equations.

*(This course earns elective credit, not math credit.)

ELEMENTS OF ALGEBRA A/B/C

02053A / 02053B / 02053C

Prerequisite: Individualized Education Plan (IEP) and instructor consent

This class teaches Algebra 1 level material at a slower pace, with individualized instruction and supplementary materials. Students will develop the ability to use equations for the numerical problems found in arithmetic. They will recognize the power of operations with symbols and translate problems into symbolic form. Algebra emphasizes why operations are done in arithmetic rather than only how they are done. The course prepares the student to enter Algebra 1A.

ALGEBRA 1 A/B

020520 / 020521

(9-10-11-12)

Prerequisite: None

Algebra 1 A/B/Algebraic Functions is the sequencing of Algebra 1 curriculum in order to fully meet the demands of the Common Core State Standards. Algebra 1A will focus on number operations and relationships, graphing of linear equations, and solutions of linear equations. Algebra 1B will address systems of equations, exponential properties and models, and descriptive statistics. [Scientific calculator required]

ALGEBRAIC FUNCTIONS – (must be scheduled in sequence with A/B)

020580

(9-10-11-12)

Prerequisite: Passing grade in Algebra 1A and 1B

Algebraic Functions will target operations with quadratics, polynomials, and will include an extensive unit on functions. Problem solving and applications will be emphasized throughout. [Scientific calculator required]

GEOMETRY A/B

020720 / 020721

(9-10-11-12)

Prerequisite: None

Geometry A/B/Geometric Relations is the sequencing of the Geometry curriculum in order to fully meet the demands of the Common Core State Standards. Geometry A will focus on congruence, proof, and constructions and will address much of the reasoning and angle/side relationships that are commonplace in first term Geometry courses. Geometry B will address properties of quadrilaterals, similarity, proofs, and an introduction to trigonometry concepts. Additional attention will be paid to trigonometric relationships in triangles that are not right. [Scientific calculator required].

GEOMETRIC RELATIONSHIPS – (*must be scheduled in sequence with A/B*)

020750

(9-10-11-12)

Prerequisite: Passing grade in Geometry A and B

Geometric Relationships will explore circles, 3-D solids, introduce the concept of conic sections, and delve into probability theory. Problem solving and applications will be emphasized throughout. [Scientific calculator required]

ALGEBRA 2 A/B

020560 / 020561

(10-11-12)

A Trimester

Prerequisite: Geometry with C or better

B Trimester

Prerequisite: Alg. 2A with C or better

Some review and refinement of skills with linear functions, systems of equations and inequalities, quadratics, and polynomials will be covered. Topics covered in A will be continued in B along with studies on radicals, rational expressions, exponential and logarithmic functions, and trigonometric functions. [Scientific calculator required]

PRE-CALCULUS

021101

(10-11-12)

Prerequisite: Algebra 2 with C or better

Pre-Calculus is designed to enrich student mathematical knowledge through study of advanced concepts. Areas of focus are vectors, parametric and polar functions, conics, sequence(s) and series, statistics, and an overview of functions and their application. Credit must be earned in order to be considered for either AP Calculus or AP Statistics.

AP CALCULUS A/B

021240 / 021241

(11-12)

A Trimester

Prerequisite: Solid foundation Pre-Calculus must be self-motivated, committed to doing advanced work.

B Trimester

Prerequisite: Instructors consent.

Instruction for this course is designed to provide a rewarding, stimulating and challenging program of studies for the student of high mathematical ability and interest. A traditional course in calculus is presented including limits, continuity, differentiation, integration and applications. The logic and intuitive reasoning of calculus is emphasized. (Graphing calculator required).

Following the class, a student may take the Advanced Placement (AP) Calculus A/B exam. Successful completion of this exam could result in college/university credits. There is a required AP Exam fee \$\$ for each student taking the AP exam.

AP STATISTICS A/B

022010 / 022011

(10-11-12)

Prerequisite: Pre-Calculus or Department Approval

This course will cover interpretation of one-variable and 2-variable data, types of distributions, experiments and sampling techniques, probability, and inferential statistics techniques. Emphasis will be placed on the collection and analyzing of data in real-world settings. Numerous projects will be required to demonstrate knowledge. Graphing calculators will be used to explore concepts.

Following the class, a student may take the Advanced Placement (AP) exam in statistics. Successful completion of this exam could result in college/university credits. There is a required AP Exam fee for each student taking the AP exam.

ESSENTIAL SKILLS – MATH PROFICIENCY

029991

Grades: (12)

Prerequisite: Not meeting math Essential Skill through Smarter Balanced /State testing.

The overarching goal of the course is to provide students instruction and opportunities to demonstrate proficiency on Essential Skills (ES) by work samples on official state performance tasks. Student will need to complete 2 "passing" samples to meet the state graduation requirement. The work samples will be in the three areas of: Algebra, Geometry, and Probability & Statistics.

CN Math 95 INTERMEDIATE ALGEBRA

020690

Grades: (12)

Prerequisite: Seniors Only, Algebra 1 and Geometry complete series AND Algebra 2A with a minimum of a C

Math 95 is an LCC 5-credit class for which 5 credits of instruction are delivered in the traditional classroom setting. Chapters 1-6 of the text review material on linear equations, graphs, systems of equations, polynomials and factoring covered in Algebra 1. These review chapters will be covered fairly quickly. Chapter 7 is an in-depth look at rational expressions, chapter 8 contains an introduction to functions, chapter 9 covers inequalities, and chapter 10 covers radicals and radical expressions. Chapters 7 and 10 are the most difficult chapters for some students and will be covered in more depth than the introductory chapters. We will also cover material on quadratic equations and their graphs (chapter 11), and exponents and an introduction to logarithms (chapter 12). There is a charge for computer access of the online assignments.

AP COMPUTER SCIENCE PRINCIPLES/ CS 160 A & B

100190/ 100191

(9-10-11-12) – Elective Credit

Prerequisite:

A) Using the BJC (Beauty & Joy of Computing) curriculum and Snap! Interface, students create programs that are increasingly complex, learn some of the most powerful ideas of computer science, consider social implications of computing, and prepare for the AP CSP exam, completing parts of the exam in class.

B) Articulated with CS 160 at Lane (4 CS credits), students explore the discipline and profession of computer sciences. The course provides an overview of computer hardware architecture, the study of algorithms, software design and development, data representations and organization, ethics, and the history of computing and its influences on society.

MISCELLANEOUS

The following courses must be scheduled by the counselor in charge of the program. A teacher may request a given student by contacting the counselor in charge. (No student will be scheduled into the program and then found a spot.) Assistant courses will be graded on a **Pass/No Pass** basis. *ATTENDANCE IS EXTREMELY IMPORTANT!* Applications must be completed and approved.

CADET TEACHER

191510

(10-11-12)

Prerequisite: Must provide own transportation; Consent of 1. Counselor, 2. Site building teacher, 3. Site building administrator

This is a credit course for any student interested in working with younger children. The cadet works in the district at any lower grade level under the direction of the cadet supervisor in the respective building and directly with a cooperating teacher within a room or with a teacher of a special program. Applications must be completed and approved.

OFFICE ASSISTANT

220510

(10-11-12)

Prerequisite: Keyboarding recommended, consent of office staff.

This is a credit class (P/NP) which provides experience for certain students to become acquainted with general office procedures by assisting in the school office. Training is given in receptionist and telephone etiquette, filing, proper use of the equipment such as copy machines, intercom system, and a possibility of some computer experience. The primary purpose is to develop the essential traits and abilities needed for successful job holding. Confidentiality is expected while working in an office. Violation of this policy will result in the student being dropped from the class with **No Credit** awarded. Students will sign a contract. Applications must be completed and approved.

COUNSELING ASSISTANT

220512

(10-11-12)

Prerequisite: Consent of Counseling Dept.

This is a credit class (P/NP) which provides experience for students to become acquainted with general office procedures while assisting the registrar and counselors. Regular attendance is required and students must be on time. The counseling assistant is responsible for delivering messages, answering the telephone, assisting with the collation of materials to be distributed throughout the school and transporting mail between the various school offices. Students are **NOT** to read, alter or share any correspondence. Confidentiality is expected while working in an office. Violation of this policy will result in the student being dropped from the class with **No Credit** awarded. Applications must be completed and approved.

ATTENDANCE OFFICE ASSISTANT

220513

(10-11-12)

Prerequisite: Consent of Attendance Sec. and Asst. Principal

The attendance office assistant helps the attendance secretary in the attendance office. The attendance assistant is responsible for various clerical duties which may include: posting, answering phone, filing, inputting data on computer, delivering mail and messages, etc. A good attitude and good "people skills" are essential. Confidentiality is expected while working in an office. Violation of this policy will result in the student being dropped from the class with **No Credit** awarded. Applications must be completed and approved.



MEDIA CENTER ASSISTANT

220530

(9-10-11-12)

Prerequisite: Consent of Media Specialist/Instructor

Media Center Assistants work in the high school Media Center/Library assisting with daily operations and projects. Typical duties include making deliveries, assistant in manare-shelving books, pulling books, moving books, helping students locate books, creating artistic bulletin boards, helping set up audio/visual equipment for a variety of events/activities, cleaning, and other duties as assigned. Attendance, behavior, attitude, and work habits are factors in determining acceptance as a Media Center Assistant, but the final decision is at the discretion of the Media Specialist. Students may take this course more than one time for credit. If students do not exhibit positive attitude and work habits they may need to find another course.

PEER TUTOR

220540

(9-10-11-12)

Prerequisite: Instructor's Consent and recommendation from two staff members.

Peer Tutor is designed for students who excel in certain subjects areas to assist peers in the classroom setting. The peer tutor will also provide the classroom teacher with support. Students interested in pursuing a career in the field of education should consider this course.

WORK EXP.

221518

(9-10-11-12)

Prerequisite: Instructor's consent.

Students who are working may receive both pay and school credit of their work. A student must verify 65 hours worked during the trimester to earn a P and (.5) credit.

WORK EXPERIENCE

221519

(9-10-11-12)

Prerequisite: Instructor's consent.

Students who are working may receive both pay and school credit of their work. A student must verify 130 hours worked during the trimester to earn a P and (1.0) credit.

LEADERSHIP A/B/C (Not Offered as a class in 2018-19)

221010 First trimester

221011 Second trimester

221012 Third trimester

(9-10-11-12)

Recommended for elected Student Body officers, Class officers, and/or other interested students.
Instructor Consent (*Requires a signature when forecasting*)

This Leadership course is designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), this course may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

MUSIC

CONCERT BAND A/B/C

051010/051011/051012

(9-10-11-12)

Prerequisite: At least 1-year experience in middle school band or Instructor's Approval

This ensemble is for freshmen and sophomore wind and percussion students. Concert Band is the entry-level instrumental class at JCHS. Students will learn techniques and skills necessary for advancement to Symphonic Band. Previous middle school band experience or equivalent musical preparation is preferred. Concerts, festivals, and in class participation is required. This class may be repeated for credit a maximum of 6 times.

SYMPHONIC BAND A/B/C

051023 / 051024 / 051025

(10-11-12)

Prerequisite: Experience in concert band or by Instructor Approval

This ensemble is for wind and percussion musicians with experience in instrumental music at the high school level. Symphonic Band focuses on advanced theory concepts, history of music, and advanced playing techniques. Using a wide range of wind ensemble literature, each student is expected to advance their musical skills both as an individual and as part of an ensemble. This class requires superior self-discipline and a high level of instrumental ability. At-home practice is mandatory. This class is designed for students wishing to explore excellence in music. Concerts, festivals, football/basketball pep is required. If a student was not a member of Concert Band, they may audition for Instructor approval. This class should be scheduled all three trimesters. This class may be repeated for credit a maximum of 6 times.

CONCERT CHOIR A/B/C

051100 / 051101 / 051102

(9-10-11-12)

Prerequisite: None

This course is designed to provide beginning/intermediate level students a deeper understanding of musical skills, rehearsal procedure, and general musicianship through the rehearsal and performance of intermediate and advanced choral literature. Individual talent is developed by private and/or class instruction, which is an integral part of the choral program. Participation at all scheduled formal concerts is a requirement of this class. Performances at festivals and other events are also required. This class should be scheduled all three trimesters.

MUSIC APPRECIATION A/B/C

051180/051181/051182

Prerequisite: none

(9-10-11-12)

Prerequisite: None

This course recognizes the need to educate students to be intellectual consumers of music. Emphasis is placed on the development of aural skills and the role of music in society. Students will develop a heightened sense of appreciation of Western art music from the Middle Ages to the present, non-Western music and American music, and the most recent from independent and commercial sources. A prior musical background is helpful, but not necessary for enrollment. This class should be scheduled for two trimesters.

Career and Technical Education

NOTE: College Now (CN) credit available for some Career Technical Education classes.

CN METALS 1 - *College Now credits available.

132020

(9-10-11-12)

Prerequisite: None

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This course is designed for the student who would like to learn the basics of welding and metalworking. The areas covered are: gas welding and cutting, arc welding, mig welding, plasma arc, and basic metalworking. This is a beginning metals course designed to teach the basics, and is not a project class.

CN METALS 2 - *College Now credits available.

132070

(10-11-12)

Prerequisite: B grade in METALS 1 or Instructor's consent.

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This course is designed for students who have had METALS 1 and wish to further explore welding and metalworking processes and applications. This course will allow students to work on projects.

CN METALS 3 - *College Now credits available.

130550

(10-11-12)

Prerequisite: METALS 1 & 2 with a B or above grade and Instructor's consent.

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

These courses are based on advanced welding and metalworking techniques including MIG, TIG, Milling, Lathe and CNC work. Courses will include required welds, projects as well as written tests.

CN METALS 4 - *College Now credits available.

130551

(11-12)

Prerequisite: By Instructor Consent Only

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This course furthers advanced welding and machining instruction, including MIG, TIG, Milling, Lathe and CNC work. Courses will include required fabrication and machining projects.

Career and Technical Education

ADVANCED METALWORKING PROJECTS

130552

(11-12)

Prerequisite: By Instructor Consent Only

Individualized instruction and independent learning in metalworking topics agreed on by instructor and student.

CN WOODWORKING A - *College Now credits available.

170060

(9-10-11-12)

Prerequisite: none

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This introductory course is designed for students who need a hands-on experience to learn. Safe operations in working with the machines and hand tools will help you to become familiar with materials and processes. This course will develop the basics in plan reading and product development. Two required projects will make up the length of the trimester.

CN WOODWORKING B - *College Now credits available.

170061

(9-10-11-12)

Prerequisite: Section A with a grade of "B" or better..

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

Emphasis will be in the development of quality-designed products and safe operations to manufacture a finished product. Students will choose the projects they will build during the trimester from a category of given products. Students who leave this course after receiving instruction from both sections should be educated consumers, and have a good basis for advanced training in wood-related occupations.

WOODWORKING C

130540

(11-12)

Prerequisite: Woodworking A and B with a grade of B or better

This course furthers advanced furniture and cabinetmaking instruction, including advanced joinery, project planning and production, and CNC work.

ADVANCED WOODWORKING PROJECTS

130541

(11-12)

Prerequisite: By Instructor Consent Only

Individualized instruction and independent learning in woodworking topics agreed on by instructor and student.

Career and Technical Education

TOOLROOM MANAGER

133020

(10-11-12)

Prerequisite: Instructor Consent Only

This course allows students to learn how to track and care for tools. Students taking this course will be in charge of tracking tools, taking inventory, and performing basic cleaning and maintenance of tools.

CN INTRO TO DRAFTING and DESIGN *College Now credits available.

211021

(9-10-11-12)

Prerequisite: none

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

This course is designed for any student with an interest in exploring drawing techniques and processes used in technical drawing careers. Content includes basic design principles, working drawings, pictorials, and geometric constructions. Students will draw a series of problems designed to teach them how to make working drawings. This course of instruction follows the competencies as outlined from College course outline. College Now credit is available through LCC.

CN CAD 1 - COMPUTER AIDED DRAFTING and DESIGN 1 *College Now credits available.

211070

(10-11-12)

Prerequisite: INTRO TO DRAFTING and DESIGN or Instructor's consent.

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

A recommended course for all students who plan to enter a technical profession. All students will be introduced to the application of Computer Aided Drafting (CAD). Building upon the basic drafting skills, students will be taken through the competencies outlined by college course outline. Starting, Editing and getting around orthographic views, isometrics, and dimensioning will be the content for this Trimester course. College Now credit is available through LCC.

CN CAD 2 - COMPUTER AIDED DRAFTING and DESIGN 2 *College Now credits available.

211071

(10-11-12)

Trimester

Prerequisite: CAD 1

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

Fundamentals needed to create and edit part and assembly models. Topics include: Creating Sketched Features, Adding Placed Features to Parts, Assembly Modeling Fundamentals, Advanced Design Tools and Creating Parts Lists. This is articulated with Lane Community College.

Career and Technical Education

ADVANCED DRAFTING AND DESIGN PROJECTS

210150

(11-12)

Prerequisite: By Instructor Consent Only

Individualized instruction and independent learning in drafting and design topics agreed on by instructor and student. Computer Aided Drafting and Computer Aided Machining projects complement this course.

CN ARCHITECTURE 1 – (Residential) *College Now credits available.

211034

(10-11-12)

Prerequisite: Intro to Drafting and Design

Section B – Trimester

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will save money on college tuition and fees.

See page 5 for more information on College Now.

A “must” course for those students who have an interest in housing studies and the construction industry. The understanding of proper design in spatial relationship of various rooms, activities, and building materials is important to successful architectural and interior design.

This is the introductory course where students will begin the process of transforming an idea into a working drawing with floor plan arrangement, outside views, and three-dimensional pictorials.

This class is the conclusion of the total course in Architecture. Completion of a set of working drawings will be the focus. Understanding building codes, and designing within specification will be the guiding factor for course content, along with the competencies outlined by Lane Community College. Students have the freedom to develop their areas of interest within the design process. Students interested in the study of ‘Interior Design’ would be advised to enroll in this course. It is suggested that CAD 1 be taken prior to Architecture, but is not required.

CN ARCHITECTURE 2 (Commercial) *College Now credits available.

211035

(10-11-12)

Prerequisite: ARCHITECTURE 1

***College Now** articulated classes vary each year. If a student meets the grade requirement for the articulated class, they will money on college tuition and fees..

See page 5 for more information on College Now.

This course is for those students who desire further investigation into the world of Architecture. Each section is independent of each other, which will allow for students to enroll in each section when they are offered. Completion of Architecture 1A and B are the prerequisites set for these sections.

This section will be dedicated to the development of presentation materials. Models and their uses, schematics, renderings, and written specification for design solutions.

Career and Technical Education

3D DESIGN AND COMPUTER ANIMATION

102020

(10-11-12)

Prerequisite: ARCHITECTURE 1

This course allows students to learn 3D animation skills through the use of Autodesk Maya. Design and animation for film, gaming, interior design, architecture, medicine and business will be included.

SCIENCE COURSE RECOMMENDATIONS

3 Credits (6 trimesters) of science are required for graduation.

Freshmen:

- All Freshmen will take a full-year sequence of Biology (A, B, C). Students who pass all three segments of the sequence meet NGSS (Next Generation Science Standards) in life science and earth science (geology and climate/weather)
- Students may be recommended for an alternative plan/placement on teacher recommendation.

Sophomores:

- Most sophomores who pass the Biology sequence during freshman year will take Applied Physics (A & B).
- Those students who have failed one section of Biology during their freshman year can re-take the section concurrently with Applied Physics.
- Those students who have failed more than one section of Biology will need to re-take them before taking Applied Physics.
- Students who took no science as a freshman or who took General Science should plan to take the Biology sequence with teacher recommendation.
- Students who passed Biology with an “A” during their freshman year and will be enrolled in Algebra 2/Pre-Calculus during their sophomore year, may take College Prep Physics instead of Applied Physics.

Juniors/Seniors:

- Students will take Chemistry or Astronomy to complete 3 credits for graduation. College-bound students should plan to take College Prep Chemistry and Astronomy. Please check prerequisites before enrolling!
- Introduction to College Biology has Chemistry as a prerequisite, though exceptions can be made with teacher recommendation. College credit is available with Introduction to College Biology.
- CN Anatomy & Physiology is a college-credit course and has a prerequisite of a grade of “C” or better in Biology, completion of either physics course, and General Chemistry.
- Students who have not completed Biology and Physics due to failing courses should get a departmental recommendation for completing their science requirements.
- Students who are seeking to complete graduation requirements for science or students who are seeking enrichment in science are welcome to take the following science electives:

- Exploring Engineering & Design; History of Science; Forensic Science

CORE/REQUIRED SCIENCE

BIOLOGY A/B/C

030510 / 030511 /030514

A Trimester (030510)

Prerequisite: None

B Trimester (030511)

Prerequisite: None

C Trimester (030514)

Prerequisite: None

Biology is the study of life. This course introduces students to key concepts of biology and living systems. Life processes, biological molecules, cell structure and function, and reproduction are covered in the first trimester. Genetics and heredity, adaptation, natural selection, and geologic history are covered in the second trimester. Taxonomy, ecology, climate and weather, and body systems are covered in the third trimester. Successful completion of all three trimesters fulfills 1.5 credits of the science requirement for graduation.

APPLIED PHYSICS A/B

031510 / 031511

A Trimester (031510)

Prerequisite: passing Biology

B Trimester (031511)

Prerequisite: passing Applied Physics A

Physics is a class that focuses on a practical investigation of how and why things work. Physics A applies motion, forces, momentum, energy, and the theory of relativity to every-day situations. Physics B covers wave mechanics, including sound and light, and electricity and magnetism. The Applied Physics sequence fulfills a full credit of the science requirements for graduation.

GENERAL CHEMISTRY

031010

Prerequisite: passing Applied Physics or College Prep Physics

General Chemistry is an overview of fundamental chemistry concepts – atomic structure, the Periodic Table of the Elements, chemical reactions, thermodynamics, chemical equilibrium, and nuclear decay. General Chemistry fulfills a half credit of the science requirements for graduation.

ASTRONOMY

030040

Prerequisite: passing Applied Physics or College Prep Physics

Astronomy examines solar and extra-solar bodies in our universe. Students will incorporate basic chemistry and physics principles to understand the nature of our universe. They will discover how astronomers observe the universe and gather data when looking at stellar objects. Students in this class will be required to occasionally attend school after hours to participate in night sky observations through telescopes. Astronomy fulfills a half credit of the science requirements for graduation.

COLLEGE PREP SCIENCE

COLLEGE PREP CHEMISTRY A/B/C

031020 / 031021 / 031022

A Trimester (031020)

Prerequisite: grade of “C” or better in College Prep Physics, or grade of “A” in Applied Physics, or passing grade in General Chemistry

B Trimester (031021)

Prerequisite: passing grade in College Prep Chemistry A

C Trimester (031022)

Prerequisite: passing grade in College Prep Chemistry B

In College Prep Chemistry A, we investigate chemical formulas and chemical reactions; the mole concept and gas laws; and atomic structure, including electron structure and movement. Chemistry B covers chemical bonding and molecular structure; solutions, including acids and bases; stoichiometry; and thermodynamics. Chemistry C explores the nature of chemical equilibrium; acid-base chemistry; redox reactions; organic and biochemistry; and radioactivity. Successful completion of this course sequence earns 1.5 science or elective credits.

COLLEGE PREP PHYSICS A/B

031520 / 031521

A Trimester (031520)

Prerequisite: a grade of “A” or better in Biology; currently enrolled in Algebra 2/Pre-Calculus; teacher recommendation

B Trimester (031521)

Prerequisite: passing grade in College Prep Physics A

Physics is a college preparatory class that focuses on the theory and application of physics concepts. The application of math to problem solving, laboratory investigations and computer simulations will make up much of the work in this class. College Prep Physics A investigates motion, forces, momentum, energy, and the theory of relativity. College Prep Physics B covers wave mechanics, including sound and light, and electricity and magnetism. Completion of this physics course sequence fulfills 1.0 science or elective credit for graduation.

CN ANATOMY & PHYSIOLOGY A/B

030530 / 030531 (HO150 & HO152)

*** 6 college credits available for completion with a grade of “C” or better ***

A Trimester (030530)

Prerequisite: “C” or better in Biology; completion of either physics course; and either Chemistry course; or by instructor consent

B Trimester (030531)

Prerequisite: passing grade CN Anatomy & Physiology A

This is a college-credit course that introduces the student to human-based anatomy (structures) and physiology (functions). The human body’s organ systems will be addressed system-by-system, often using dissection as a medium for discovery. This course is designed for students who are considering a career in medical, dental, veterinary, or related fields as well as students who are interested in the sciences.

Successful completion of this course may earn up to 6 free college credits for Health Occupations 150 and 152 through Lane Community College’s *College Now* program. This course also fulfills 1.0 high school credits for science or electives.

INTRODUCTION TO COLLEGE BIOLOGY A/B/C

*** AP college credit available ***

030520 / 030521 / 030522

A Trimester (030520)

Prerequisite: B's in Biology, either Physics course **and** either Chemistry course; or by teacher consent

B Trimester (030521)

Prerequisite: passing grade in Introduction to College Biology A

C Trimester (030522)

Prerequisite: passing grade in Introduction to College Biology B

This is a college-credit class which offers an in-depth study of biology. The curriculum, pace, and workload of this course mirrors collegiate freshman-level biology courses. The class will cover biochemistry, cells and cell metabolism, genetics, heredity, evolution, and plant and animal phylogeny, physiology, ecology, and behavior.

A student may earn college or university credit and/or placement by satisfactory performance on the Advanced Placement exam. **AP college credit requires an AP Exam fee. ** This course also fulfills 1.5 high school credits for science or electives.

SCIENCE ELECTIVES

Science electives may fulfill 0.5 credits of a student's 3.0 credit graduation requirement in science. They can also serve to meet the student's general elective requirements for graduation. Science electives are a great way for students to continue pursuing their interest in science without the demand of the college preparatory classes.

EXPLORING ENGINEERING & DESIGN

210060

Prerequisite: completion of 2.5 science credits or instructor consent

Students will learn and apply design principles, acquire strong teamwork and communication proficiency, formulate problem statements, identify design criteria and constraints, propose and test possible solutions, incorporate modifications based on test data, and communicate recommended designs.

As the students design and build over a 12-week period, they will be constantly reiterating the concepts of engineering and its basic principles, utilizing math and science practices and concepts as they apply to industry.

HISTORY OF SCIENCE

032050

Prerequisite: completion of 2.5 science credits or instructor consent

History of Science explores the significant contributions of great scientists and great scientific explorations within a chronological framework. This class looks at the development and evolution of the fields of astronomy, physics, chemistry, and biology as social, religious, and political structures change over time. Special attention is given to scientific design and engineering, the critical examination of theories and hypotheses, and the conclusions from great experiments that led to the most important scientific principles of all time.

FORENSIC SCIENCE

032140

Prerequisite: completion of 2.5 science credits or instructor consent

The focus of this course will be the application of scientific methods and evidence to investigative problem solving. Topics include chain of evidence and crime scene analysis, properties of matter, drug analysis, toxicology, blood analysis, DNA, hair and fibers, chemical analysis, fire and explosions, fingerprinting, and document examination. This course will consist primarily of research and laboratory exercises designed to demonstrate actual scientific methods used in careers and everyday life.

GENERAL SCIENCE

The General Science classes are foundational beginning science classes that cover several content areas. These classes are designed for students who have difficulty with higher-level science courses and may only be taken with permission of the teacher. Each trimester fulfills 0.5 science credits toward graduation to a maximum of 2.0 credits (1.0 credit must be taken in the standard Biology sequence or Applied Physics).

GENERAL BIOLOGY – LIFE SCIENCE

030990

Prerequisite: teacher recommendation/instructor's consent

This class covers various aspects of life science from a primarily ecological view.

GENERAL SCIENCE – GEOLOGY A

030020

Prerequisite: teacher recommendation/instructor's consent

This course covers the structure of Earth, plate tectonics, earthquakes, volcanoes, and the rock cycle.

GENERAL SCIENCE – GEOLOGY B

030021

Prerequisite: teacher recommendation/instructor's consent

This course covers geologic time, fossils, dinosaurs, types of rocks, erosion, and rock identification and classification.

GENERAL SCIENCE – MARINE SCIENCE A (NOT OFFERED 2018-19)

030050

Prerequisite: teacher recommendation/instructor's consent

This course covers the physical, geological, and chemical aspects of the ocean. Students will develop an understanding of the non-living parts of the ocean and how these influence the world.

GENERAL SCIENCE – MARINE SCIENCE B (NOT OFFERED 2018-19)

030051

Prerequisite: teacher recommendation/instructor's consent

This course investigates the biotic (living) aspects of the ocean. Students will develop an understanding of effects of the ocean on organisms, food webs in the ocean, and dangers to ocean life from human activities.

ORNITHOLOGY (NOT OFFERED 2018-19)

030610

Prerequisite: teacher recommendation/instructor's consent

This course is about the study of birds. Students will develop an understanding of birds, the niches they occupy, their life cycles, and their relationships to other organisms.

AGRICULTURAL SCIENCE

Agricultural Science electives may be taken to fulfill the JCHS elective credit requirement. These courses are geared toward fulfilling student interest in pursuing career-related topics in science, including agriculture, forestry, and natural resources management. JCHS is attempting to reinstate its FFA program. Students who take these courses would be eligible for participation in FFA activities.

AGRICULTURAL SCIENCE/NATURAL RESOURCES

185040

Prerequisite: passing grade in Biology or instructor consent

This course is designed as an introduction to natural resources and natural resource management. In addition to learning about the different types of natural resources (e.g. soil, water, fish and wildlife, recreation, etc.), students will also conduct hands-on lab activities and create projects to further explore these resources. There will also be classroom visits from natural resource professionals and scientists who will share information on careers in natural resource management.

AGRICULTURAL SCIENCE/ANIMAL SCIENCE

181010

Prerequisite: passing grade in Biology or instructor consent

This course is designed as an introduction to animal science. In addition to learning about the different types of domesticated species cultivated by humans, students will also conduct hands-on lab activities and create projects to further explore these resources. There will also be classroom visits from animal science professionals and scientists who will share information on careers in animal science. In addition we will go on many field trips to dairies, butchers, veterinary clinics, farms, etc. to learn more about how animal science is used in local industries.

AGRICULTURAL SCIENCE/HORTICULTURE

180520

Prerequisite: passing grade in Biology or instructor consent

Horticulture is a laboratory science class designed to apply concepts learned in biology to plant propagation and horticulture. Course curriculum will focus on plant anatomy, genetics, and life cycles; techniques for propagating plants from seeds, roots, and grafts; plant diversity and classification; and plant chemistry, including the benefits of plant products in nutrition and medicine.

FORESTRY

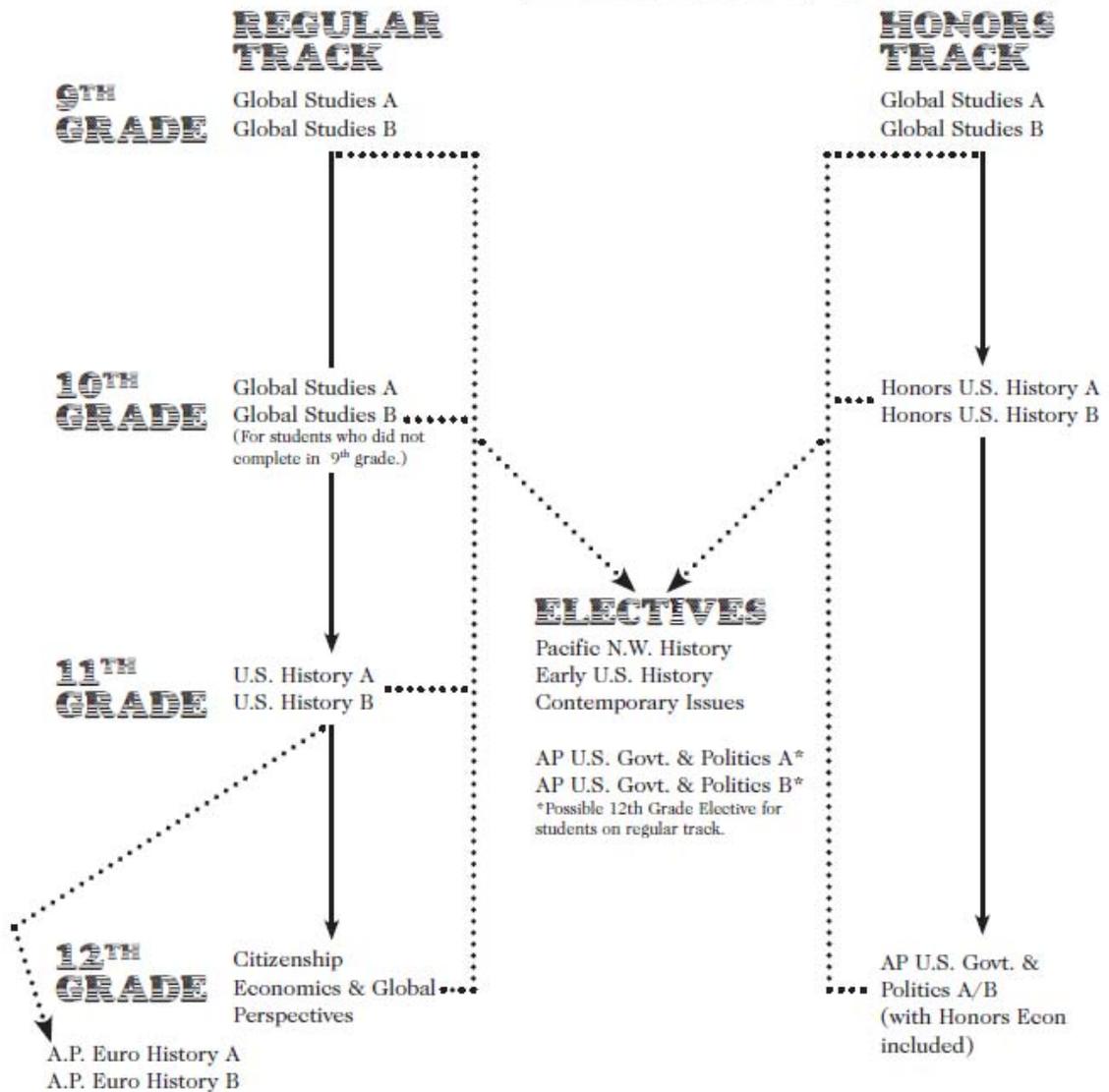
185020

Prerequisite: passing grade in Biology or instructor consent

This course examines the interrelationships of organisms and forested areas. Emphasis is placed on human influences, ecological structures, surveys of populations, and ecosystems. This course is designed to provide students with an understanding of modern forestry practices and the resulting impacts on the environment.

SOCIAL STUDIES FLOWCHART

SOCIAL STUDIES FLOW CHART



SOCIAL STUDIES

SOCIAL STUDIES GLOBAL SURVEY A/B

040010 / 040610

(9-10)

A Trimester

Prerequisite: None

B Trimester

Prerequisite: Social Studies Global Survey A

This class is intended to provide the student with a broad understanding of major areas of the social studies. It will include the study of modern world cultures, geography, and history (chronology of the class will include history of each region from approximately 1950 to the present, depending on the region and topics being presented) politics and government, civic rights and responsibilities, and economics. This class will utilize the major tools of social studies analysis to allow the student to become more proficient in the content and methods of the social studies. State and National Social Studies standards/ benchmark requirements will be addressed and students will have opportunities for mastery. **This course sequence should be taken within the first five trimesters of high school.**

U.S. HISTORY A/B

041030 / 041031

(11)

A Trimester

Prerequisite: None

B Trimester

Prerequisite: None

The class is a junior level course and the combination of two trimesters, will meet the one credit graduation requirement in U.S. History. (State and National Social Studies and History standards/ benchmark requirements will be addressed).

US HISTORY A * graduation requirement in US History

This course covers history thematically with a focus on events that occur primarily in the mid-20th century, but connections will be made to other time periods before and after to provide context and outcomes. Students will utilize written sources (primary and secondary) as well as audio and video sources to understand the complexities and multiple perspectives of our shared history.

US HISTORY B * graduation requirement in US History

This course covers history thematically with a focus on events that occur primarily in the late-20th century, but connections will be made to other time periods before and after to provide context and outcomes. Students will utilize written sources (primary and secondary) as well as audio and video sources to understand the complexities and multiple perspectives of our shared history.

AP U.S. HISTORY A/B

041040 / 041041

(11)

A Trimester

Prerequisite: Instructor's consent.

B Trimester

Prerequisite: AP US History A

This sequence of courses is intended to prepare the students to take the **AP US History Exam** in May to possibly earn college credit. The curriculum is designed around the test and is intensive, presented at a quick pace and taught like a college lecture class. The classes will cover from roughly the later 1700s through the present day. Content typically includes a historical overview of political, military, scientific, and social developments. State and National Social Studies standards/benchmark requirements will also be addressed and students will have ample opportunities to display mastery.

CITIZENSHIP

041510

(12)

Prerequisite: US History

This class will provide a historical and descriptive analysis of the national and state institutions that will enable students to better participate as informed members of a democratic society. It will help the student to meet the civics and social studies analysis state standards benchmarks.

ECONOMICS and GLOBAL PERSPECTIVES

042010

(12)

Prerequisite: US History

This class will provide an overview of micro and macro-economics. In addition it will look at contemporary global relationships between the U.S. and other nations. The focus will be on geography, history and culture of those regions as well as an understanding of the economic ramifications for the United States.

AP US. GOVERNMENT & POLITICS A/B ("B" Section Includes Economics Requirement)

041570 / 041571

(12)

A Trimester

Prerequisite: US History, Instructor's consent.

B Trimester: AP US Government A

This integrated course is for students who have extensive research experience, high reading comprehension and strong writing skills. The goal of the class is preparation for the AP Government test that is offered in the spring. This includes understanding government structure, the constitution and rights applications, along with current events and past political history. Student selection will be based on reading scores, past performance and consultation with the student, counselor and parent. This class will help to meet the civics and economics state standards.

SOCIAL STUDIES ELECTIVES



PACIFIC NORTHWEST HISTORY

041050

(10-11-12) Trimester

Prerequisite: None

This class will provide an overview of the history of our region from the local through state and national influences. We will take an in-depth look at the foundations for state formation, local politics and national policies regarding this distinct region. Oregon history will be the focus of the class with an emphasis on present social, political, and cultural adaptations, as well as develop an understanding of how contemporary perspectives affect historical interpretations. We will also look at the Geology, Geography and Volcanology of the region.

CONTEMPORARY WORLD ISSUES

040640

(11-12)

Prerequisite: Global Studies A/B. Sophomores with Instructor consent.

Students will examine global, national, regional, local events and issues shaping our world. The major goal of this class is to get students interested in what is happening in the world around them. Our focus will be diverse and influenced by the news events current in our world. Students will be expected to read, watch and listen to a variety of media sources. Students will constantly evaluate the reliability and validity of news sources. Students will be expected to participate in class discussions, respecting diverse views and formulating their own informed opinions.

This course will deal with mature subject matter. It is most suited for the upper level student, with younger students admitted who demonstrate maturity and sincere academic curiosity.

EARLY AMERICAN HISTORY

041010

(10-11- 12)

Prerequisite: Global Studies A/B

Students will survey American History preceding European contact, the European Colonization of the Americas and the resulting decline of indigenous cultures, colonial separation from Britain, the War for Independence, American Revolution and possibly ending with the War of 1812. This course can also be taken as **remedial** credit for U.S. History A or U.S. History B; it does NOT replace taking them. It can be taken as a sophomore and above as an **elective** credit.

ADVANCED GEOGRAPHY

040015

(10-11- 12)

Prerequisite: Global Studies A/B

This class is intended to provide students with an advanced understanding of the role geography plays in our world. The analysis of current and historical situations using geographical and other social studies means as well as interdisciplinary techniques. This class will introduce new concepts and expand student geographical tools and ideas from the global studies coursework.

World Cultures

040620

(10-11-12)

Prerequisite: Global Studies A/B

Students will examine the cultures around them, near and far. Students will look at the origins of cultures, how globalization is affecting cultures around the world and how culture affects history, politics and general way of life in multiple countries including the United States. The major goal of this class is to get students to better understand the people and world outside of Junction City.

HISTORY IN FILM

041095

(10-11-12)

Prerequisite: Global Studies A/B

This class studies US History (1900-Present) through the analysis of film. Specific events and people who had a major role in the time period will be highlighted. This class is an opportunity for further study of what is presented in the required US History A & B courses. This class will not satisfy US History A or B required or remedial credits. It is available to all students who consider themselves fans of history.

AP EUROPEAN HISTORY A/B/C (Not offered 2018-2019)

040560 / 040561 / 040562

(12)

Prerequisite: Instructor's Consent

This is a college level class that gives students an introduction to the lecture format and provides in-depth study of primary source documents to help examine past cultures. The goals of the AP European History course are: for students to gain knowledge of basic chronology and of major events and trends from approximately 1450 to the present and to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence, and an ability to analyze and express historical understanding in writing. The AP exam will be offered in May and through this the students will be able to receive college credit.

WORLD LANGUAGE

SPANISH 1 A/B

240520/240521

(9-10-11-12)

A Trimester

Prerequisite: None

B Trimester

Prerequisite: Spanish 1A or Instructor's consent.

This course is designed as an introduction to the Spanish language. Emphasis is placed on the basic principles of listening, speaking, reading and writing. The students will also become familiar with various aspects of Spanish culture and geography. First trimester will introduce basic vocabulary, grammar and speaking skills. Second trimester will build on the skills learned in Spanish 1A, with more complex vocabulary, grammar and speaking skills.

SPANISH 2 A/B

240530/240531

(10-11-12)

A Trimester

Prerequisite: Spanish 1 or Instructor's consent.

B Trimester

Prerequisite: Spanish 2A or Instructor's consent.

The first trimester of this course reviews and advances the first year program. Oral and written exercises are designed to aid the student to acquire a more fluent use of Spanish. More conversing in the language is expected. Second trimester will emphasize a more advanced level of Spanish, including a more intensive study of grammar, vocabulary and speaking. (PASS Standards will begin at this level).

SPANISH 3/4 A/B

240540/240541 (Spanish 3 course numbers)

240550/240551 (Spanish 4 course numbers)

(11-12)

A Trimester

Prerequisite: Spanish 2 or Instructor's consent.

B Trimester

Prerequisite: Spanish 2 or Instructor's consent.

These courses are intended for the students who desire to expand their reading, writing and conversational skills. Emphasis on the first trimester will be to review and increase these skills. Second trimester will continue to develop these skills. Activities will include reading a short novel, poetry and short stories; writing answers of varying length about literature; writing stories, and daily vocabulary and conversation building activities. The second trimester may be taken without taking the first trimester. (The curriculum will include PASS Standards)

