



KLAMATH UNION

HIGH SCHOOL

Class of 2025

Freshmen

Course Catalog

COURSE CATALOG

KLAMATH UNION HIGH SCHOOL

Klamath Falls City Schools

1300 Monclaire Street

Klamath Falls, Oregon 97601

(541) 883-4710

Principal.....Tony Swan
Vice PrincipalJacqueline Brandow
Athletic DirectorScott Mason
Dean of Students.....Sandy Yazzie
School Counselor.....Rebecca Pierce
SuperintendentKeith Brown

***Dedicated to Helping All Students Become their Best Selves and Do Their Best
Work with 100% Graduation Being the Expectation!***

FAX#: (541) 885-4276

**HIGH SCHOOL CODE (CEEB#):
380560**

***Courses are subject to change or cancel depending on forecasting and funding.**

Revised: March, 2021

FRESHMAN COURSES

ENGLISH LANGUAGE ARTS

ENGLISH 9

Grade:9

Credit:1.0

The aim of this course is to increase students' competency in the essential skills of reading, writing, listening, and speaking. Students will be introduced to reading comprehension strategies and extensive reading practice. Students will be introduced to effective writing techniques within the three main genres of writing: expository, argumentative, and narrative. Students will complete writing exercises of short-to medium-length essays. Students will prepare for state reading and writing assessments.

ADVANCED ENGLISH 9

Grade: 9

Credit: 1.0

Prerequisite: Teacher recommendation

This class is designed for college-bound freshmen who demonstrate readiness for acceleration and enrichment within English Language Arts domain. Students will be introduced to grade-level and higher readings, as well as writing techniques geared towards traditional college writing standards. Students will be expected to participate in academically rigorous activities, preparing students for the critical thinking skills demanded by higher education institutions.

MATHEMATICS

GEOMETRY

Grade:9-12

Credit: 1.0

Prerequisite: None

Geometry is the 1st course taken in high school. It aims to formalize and extend the geometry that students have learned in previous years. It does this by establishing an understanding of similarity based on dilations and proportional reasoning and establishing triangle congruence criteria using rigid motions. It also helps students develop the concepts of formal proof, explore

the properties of two-and three-dimensional objects, and work within the rectangular coordinate system to verify geometric relationships. Students also compute and interpret probabilities for compound events. Upon the completion of Geometry, students will either take Algebra I or Algebra II.

SCIENCE

INTEGRATED SCIENCE

Grade: 9

Credit:1.0

Prerequisite: None

Students will gain an understanding of topics relating to matter, energy, and the earth. Subjects will include: The Periodic Table, chemical compounds and reactions, forces and motion, energy and machines, waves, plate tectonics, minerals, rocks, weather and space. Students can expect to spend approximately 1/3 of the semester on chemistry, 1/3 of the semester on physics, and 1/3 of the semester on earth and space science. At the completion of the course, students will have a better understanding of the world around them and be prepared for more advanced courses in the physical sciences (i.e. Chemistry and Physics)

BIOLOGY

Grade: 10 (9th with qualifying 8th grade test score, class grades and teacher recommendation)

Credit:1.0

Prerequisite: None

This course is designed as an entry-level life-science course. Units include scientific method and experimentation, ecology, cell structure and function, DNA, genetics, evolution, classification, basic plant structure and physiology, and animal structure and physiology. This coursework will include readings, lectures, dissections, student presentations, group work, computer research, field trips and labs.

PHYSICAL AND HEALTH EDUCATION

PHYSICAL EDUCATION (PE)

Grade: 9-12

Credit:0.5

Prerequisite: None

The purpose of the high school physical education program is to promote student development in the areas of physical growth, neuromuscular development, emotional control and social awareness. The physical education program attempts to help students understand the value of

maintaining physical fitness through planned activities. The student will develop an understanding of lifetime recreational activities. Fee: \$18.00 (uniform)

ATHLETIC CONDITIONING

Grade: 9-12

Credit: 0.5

Prerequisite: Must be recommended by a coach, and/ or be approved by instructor

Athletic conditioning is designed for student athletes. The course is broken down into two parts;

(a) weight training and conditioning;

(b) sports specificity (coaches may volunteer with skill instruction)

Fee: \$18 (uniform)

HEALTH 1

Grade: 9-10

Credit: 0.5

Prerequisite: None

In Health 1 common health issues will be discussed with a focus on human behavior and choices. Including personal health, healthy relationships, nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid. and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

WORLD LANGUAGES

Two credits of the same world language are required for entrance into most 4 year colleges and universities. Many private colleges and universities require 3-4 years of the same language. This is not a graduation requirement.

KLAMATH LANGUAGE 1

Grade: 9-12

Credit: 1.0

Prerequisite: None

Klamath Language 1 is an introductory class requiring no previous knowledge of the language. All students are welcome to take this class which fulfills the language requirements for college admissions. We will be working towards the ability to speak and understand spoken Klamath. As much as possible, the class will include aspects of Klamath Culture as well as Klamath Language.

SPANISH 1

Grade: 9-12

Credit: 1.0

Prerequisite: None

Spanish 1 is designed to teach the basic skills of listening, speaking, reading and writing in Spanish. By the end of the course the student should be able to comprehend, express, and exchange ideas at a basic level. They will be capable of some limited expressions in the language, but have no real functional ability to communicate what they know. Present tense verbs are the grammatical focus, and aspects of Spanish culture are studied.

SPANISH BY PROFICIENCY (NATIVE SPEAKERS)

Grade: 9-12

Credit: 1.0 by testing with Spanish teacher and demonstrating proficiency in the language

Prerequisite:

Spanish by Proficiency is an option for students who wish to challenge Spanish 1, 2 or 3. The student demonstrates proficiency by taking a test designed according to the different levels of Spanish. Must pass test with 80%

FINE AND VISUAL ART AND MUSIC

INTRODUCTION TO ART

Grade: 9-12

Credit: 1.0

Prerequisite: None

This course is designed to give the beginning or non-artist a chance to experience several different artistic media and techniques. Assignments vary from daily drawing exercises to three and four week projects. Students will experience short lessons in all artistic media used at KUHS and have the opportunity to participate in art shows. This course is required for enrollment in any of the higher level art courses. Fee: \$10.00 per year.

BEL CANTO (BC) CHOIR

Grade: 9-12

Credit: 1.0

Prerequisite: Must audition with instructor

Bel Canto Choir is a full-year course, open by audition, to students with an interest in vocal music. This intermediate choir is designed to teach students the basics of good choral singing, musicianship, and what it takes to make an excellent choir. All students will learn how to sign better, work in a group, read and interpret written musical notation, identify musical terms, and become the best musicians they can.

BAND (MARCHING, SYMPHONIC, CONCERT)

Grade: 9-12

Credit: 1.0

Prerequisite: Instructor approval for students with previous instrumental experience

The focus is on marching during the fall season and concert preparation for the remainder of the year. Students are selected by auditions for Symphonic or Concert Band after the marching season. This course is designed to provide the students with the opportunity to perform band literature while developing skills in musical discrimination, creativity, interpretation, style, and compositional techniques.

V. JAZZ BAND/J.V. JAZZ BAND (EB)

Grade: 9-12

Credit: 0.25 per semester

Prerequisite: By audition and a member of band

A year-long early bird course open by audition or instructor approval. Designed to provide the student with an opportunity to perform in the jazz idiom while developing skills in improvisation, musical discrimination, interpretation, style, and compositional techniques.

CONCERT ORCHESTRA

Grade: 9-12

Credit: 1.0

Prerequisite: Previous instrumental experience and instructor approval

Students in concert orchestra will prepare and present string orchestra repertoire of intermediate difficulty and will present at least one public performance each quarter. The course provides opportunities for continued advancement of bowed string instrument technique. In addition, students will refine understanding and skill in orchestral rehearsal, music theory, and music history. Students will learn to (1) read musical notation accurately and quickly; (2) to apply expressive elements consistently; (3) to listen critically; (4) to perform successfully in public. Various guest artists and conductor/clinicians are frequent contributors to the educational offering in the orchestra class. The orchestra also participates in the annual Southern Oregon

Music Educators Association Orchestra Festival and other adjudicated events that provide professional criticism of the orchestra's performance.

THEATER ARTS

INTRODUCTION TO THEATER

Grade: 9-12

Credit: 1.0

Prerequisite: None

This is a full year class. Full participation is required. This course is designed as an introductory course in theater. Focus skills are based on beginning acting techniques, care of theatre items such as props, costumes, and make-up. Theatre incorporates real life skills such as safety, collaboration with team members, problem solving, confidence, and the use of creativity for various activities. Theater games, pantomime, vocal training, scene analysis/performance, and monologue analysis/performance will be some of the many different topics

CAREER TECHNICAL EDUCATION(CTE)

COMPUTER APPLICATIONS

Grade: 9-12

Credit: 0.5

Prerequisite: None

This course is designed to prepare students with 15 basic computer skills necessary for school and business success. Not just another computer class. But also a class to enhance your chances for success in high school and beyond.

The 15 skills include:

Two minute video, Newsletter, Website, Business Memo, Outline, Select photos in Photoshop, Flyers, Apps for phones and tablets, Business Report, Spread-sheet, Brochure, PowerPoint presentation, Business letter, Table, and Graph.

INTRODUCTION TO BUSINESS

Grade: 9-12

Credit: 0.5

Prerequisite: None

In this course, students will learn the key skills in making money. This elective will teach students how to promote, sell, and manage nearly any business. Students will learn how to solve basic business problems and experience what managing a business is all about. Students will also spend time exploring possible careers pathways.

ROBOTICS

Grade: 9-12

Credit: 0.5

Prerequisite: None

Students in this class will be using Lego or Tetrix robot kits. Students will be practicing problem solving in teams. Initially we will follow very specific project progressions from Lego and Tetrix evolving into more challenging work. This includes programming /autonomous robots and will have some room for flexibility.

INTRODUCTION TO CHILD DEVELOPMENT

Grade: 9-12

Credit: 0.5 Credit

Prerequisite: None

This course is the first in the series of child Development courses offered at KUHS. This course will introduce students to the world of working with young children. The focus of the class is on the development of the child from infancy to the age of . Basic understanding of the physical, emotional, intellectual and social development of young children will be explored in order to prepare the student to work in educational fields. Topics include lesson planning, play, discipline, guidance, storytelling, and music will also be studied. This course will also focus on the needs of the child with regards to the environment. Students will be able to design and evaluate developmentally appropriate environments that foster learning in a young child's classroom. Students will earn 3 hours of college credit at the completion of this course.

INTRODUCTION TO HOSPITALITY IN CULINARY ARTS

Grade: 9-12

Credit: 0.5

Prerequisite: None

Are you interested in being able to cook for yourself or possibly getting your first job in the restaurant industry? This course is for you! Introduction to Hospitality in Culinary explores basic food safety, sanitation, and preparation skills. Through reading and understanding recipes students will gain culinary skills, confidence in the kitchen, and a better understanding of the food and restaurant industry. This course is the foundation of all Hospitality and Culinary Classes. Come join the fun and learn how to cook your favorite desserts and meals from scratch!

OTHER ELECTIVES

ASB-STUDENT LEADERSHIP (EB)

Grade: 9-12

Credit: .25 per semester

Prerequisite: Teacher approval

This course is for elected Associated Student Body Officers and class officers. Student Government will provide the opportunity for officers to learn the procedures of how to run an effective student government. It will also provide time for the members of the class to carry out student council activities. Student Leadership credit will only be awarded on a Pass/Fail basis. This class meets before the first period; students are responsible for their own transportation to Early Bird classes.

ENGLISH LANGUAGE DEVELOPMENT (ELD)

Grade:9-12

Credit:0.5

Prerequisite: Must be ELD qualified

The English Language Development course provides intensive language instruction to prepare students for success in mainstream courses and promote language proficiency. Designated ELD is a one period protected time during the regular school day when teachers use the OR ELD standards as the focal standards in ways that build into and support content instruction. The course supports EL's in developing discourse practices, grammatical structures, and vocabulary necessary for successful participation in academic tasks in all content areas. There is a strong emphasis on oral language development, reading, writing and listening as students learn to use English in new ways and develop their awareness of how English works in both spoken and written language.

AVID ELECTIVE

Grade: 9-12

Credit: 1.0

Prerequisite: By Recommendation and Interview only

AVID, which stands for Advancement Via Individual Determination, is a college-readiness program designed to help students develop the skills they need to be successful in college. Students will learn AVID basics: WICR (writing, inquiry, collaboration & reading), time management, tutorials, critical thinking, teamwork, Socratic seminars, academic goal-setting, organization and motivation all skills they will utilize at the college level.

HEALTH SCIENCES AND OCCUPATIONS

INTRODUCTION TO HEALTH OCCUPATIONS

Grade: 9-11

Credit:0.5

Prerequisite: A very strong interest in health and science is a requirement for the class

Introduction to Health Occupations is an introduction to various health careers and professions. The course gives students a basic understanding of the U.S. healthcare system, current issues in healthcare, and an overview of the various professions available within the healthcare system. There is also a focus on learning the basics of Medical Terminology, and Human Anatomy and Physiology. This course should help you focus your career goal and understand the system in which you may work.

MEDIA DESIGN

INTRO TO DIGITAL MEDIA

Grade: 9-12

Credit: 0.5

Prerequisite: None

This is a beginning level introduction to all the Digital Media courses offered at KU. Students will learn the basics of digital photography, composition, and manipulation of images while using Affinity Photo. An introduction to elements of design, spatial relationships, typography and imagery as they apply to practical visual solutions for self-promotion, logo design and other design areas. Plan, design, and create digital video projects incorporating graphic and audio elements. Students will be able to transfer and capture digital video and audio from various cameras and external devices.

College Credit Programs



**KU/KCC Digital Media
Design Certificate**

Students interested in Digital Media have the opportunity to graduate as seniors from Klamath Community College with a Certificate in Media Design, all while attending Klamath Union High School and at no cost. Students college dual credit in the fields of Graphic Design, Digital Photography and Video Production.

Advanced Media Design students also take part in real-world community partnership projects and learn how to make a career in the field of Digital Media. In addition to KCC, KU Digital Media is also affiliated with Southern Oregon University where college credit counts towards their Digital Cinematic Degree program.

Digital Media Program				
Digital Media	Year 1	Year 2	Year 3	Year 4
	<u>Intro to Digital Media (0.5) – no KCC Credit</u>	*Graphic Design (0.5)	*Video Production 1 (0.5)	*HS name: Advanced Media (0.5) College name: Community Project Based Learning
		*Digital Photography (0.5)	*Video Production 2	*HS name: Advanced Media (0.5) College Name: Multimedia Project Management

* = Each class is worth 4 college credits at KCC except, the Community Project Based Learning which is worth 3.



Certified Nursing Assistant Program


The Certified Nursing Assistant program (CNA) at Klamath Union has partnered with Klamath Community College to prepare interested students for a career as a nursing assistant. This program can allow students to earn their license to practice and work as a CNA right after they graduate from high school. Students have the opportunity for hands-on experience through using state of the art nursing equipment in each of their classes.

Requirements to participate in this program are the following:

- A very strong interest in health and science is a requirement for the class
- Preparation for interview process for Health Occupations 2 part of program
- Will need reliable transportation if accepted into last part of program as classes take place on KCC campus

Benefits of student participation:

- Be able to practice as a CNA right after high school graduation
- Have the education and resources to work in community health setting

KCC Certified Nursing Assistant Program				
	Year 1	Year 2	Year 3	Year 4
		Intro to Health Occupations (0.5) *Can be taken as a freshman	**Health Occupations 1 (1.0) *Can be taken as a Sophomore	
		Biology (1.0)		Anatomy & Physiology (1.0)
Prerequisite: Student will apply and be interviewed, 20 spots filled per County, Class is taught at KCC Prerequisite: If chosen, student must have reliable transportation for Health Occupations 2 Class				Health Occupations 2 – (1.0)

Future Opportunities for *Pelican Excellence*



Science and Math Academy

The goal of the KU Science & Math Academy is to challenge and prepare science-minded students for a career in science by providing hands-on, real-world internship experiences as well as rigorous courses focused on the student's interests.

We believe that exposure of interested students to real-world science and math experiences is of paramount importance. Science and Math Academy students will have the opportunity to gain dual credit in each pathway to help jump-start their college transition. Students who earn **nine dual credits** through Oregon Tech will qualify for up to \$9500 in scholarships. For more information please click [here](#).

Benefits to being a KU Science and Math Academy student include access to:

- Co-curricular internships between sophomore and senior year
- Ability to finish the senior project early
- Graduate with dual college credits from Oregon Tech and Klamath Community College
- Qualify for up to \$9500 in scholarships to Oregon Tech
- Preparation for acceptance to Oregon Tech

Klamath Union Science and Math Academy
Pathways and Course Sequences
(See table below)

<p><u>Technology:</u> 9-10th: Tetrax Robotics and Lego Robotics 11-12th: Two of the following: Computer Applications Physics Engineering/Tech courses at Oregon Tech.</p> <p>Note: Courses at Oregon Tech have prerequisites and need prior approval to qualify for pathway credit at KU.</p>	<p><u>Mathematics</u> 9th: Algebra 2 10th: Precalculus 11th Calculus 12th: One of the following: Statistics, Physics, MTH 252+ at Oregon Tech</p> <p>Note: Math courses taken at Oregon Tech have prerequisites</p>
<p><u>Medical Science:</u> 9th: Biology 10th: Chemistry 11-12th: Two of the following: Human Anatomy/Physiology Health Occupations 1 Health Occupations 2 Psychology</p> <p>Note: several classes in the 11th and 12th grade year have prerequisites</p>	<p><u>Environmental Science:</u> 9th: Biology 10th: Chemistry 11th or 12th: AP Environmental Science and one of the following: Zoology/Astronomy Oceanography/Marine Biology Physics</p> <p>Note: several classes in the 11th and 12th</p>
<p><u>General Science</u> 9th: Biology 10th: Chemistry 11-12th: Two of the following: Zoology/Astronomy, Oceanography/Marine Biology, Physics, AP Environmental Science Note: several classes in the 11th and 12th grade year have prerequisites</p>	



Liberal Arts Academy

The Oregon Tech Liberal Arts Program is a rigorous full year college prep program for accepted and qualified seniors to give them a head start into their post-secondary education. Students who are accepted into the Liberal Arts Academy Program will take college level classes at Oregon Tech during their senior year.

Benefits of Student Participation:

- Earn up to 20 college credits completed by the time students graduate
- Save thousands of dollars in college education
- Gain college preparation, advising and understanding of college environment

Requirements to participate in Liberal Arts Academy are the following:

- Student must have a GPA of 3.0 or higher
- Must have a B or better in core classes (English, Math, Science, Social Studies)
- Full Year Commitment
- Teacher & Counselor Recommendation

Fall Term Classes	<ul style="list-style-type: none">• WRI 121: English Composition (3 credits)• ECO 202: Principles of Economics, micro (3 credits)• ACAD 107: Intro to Research in College (1 credit)	English & Econ classes at OIT will fulfill KU graduation requirements.
Winter Term Classes	<ul style="list-style-type: none">• WRI 122: Argumentative Writing (3 credits)• ANTH 103: Intro to Cultural Anthropology (3 credits)	
Spring Term Classes	<ul style="list-style-type: none">• SPE 111: Public Speaking (3 credits)• Social Science, Humanities, or other approved elective (3-4 credits)	Speech class earns 0.5 elective credits needed for KU graduation requirements.



KCC Pathways

Klamath Community College Career pathways allows students to earn college credits and the possibility of a certificate in a specific subject by the time students graduate high school. To see a list of all the pathways available please visit [this KCC page](#) and click on "*Career Pathway Certificates*".

Benefits of Student participation:

- Opportunity for students to receive a KCC certificate

- More student interest focused
- Early opportunity to experience the college environment

Requirements:

- To talk more about KCC pathways and possible class opportunities please contact Ms. Andrade, College & Career Coordinator

Example of some pathways and classes:

Criminal Justice	<ul style="list-style-type: none"> • Intro to Criminal Justice & Human Services Careers • Intro to Emergency Response and Operations • Psychology & Human Relations
Early Childhood Development	<ul style="list-style-type: none"> • Child, Family, Community • Environment and Curriculum in Early Care and Education • Human Growth and Development
Accounting:	<ul style="list-style-type: none"> • Intro to Accounting • Payroll Accounting • Intro to Computing Skills

Jump into Business



The “Jump into Business” program is a branch of Oregon Tech Diploma to Degree program that motivates students to earn college credits while in high school to accelerate their way toward a college degree. Students that participate in the “Jump into Business” program, can choose from eight different business degree options at Oregon Tech. For more information click [here](#).

Requirements to participate in this program are the following:

- Must be a DECA participant
- Must have a GPA of 3.0 or higher

- Must be able to take dual credit classes

Benefits of Student Participation:

- Students can earn up to 45 college credits completed by the time students graduate
- Savings of thousands of dollars in college education
- Eligibility for Business scholarships
- Understanding of the college environment in addition to college preparation and advising

Jump into Business Program				
Jump into Business	Year 1	Year 2	Year 3	Year 4
Math & Science:			Honors Chemistry (1.0) Precalculus (1.0)*Can be taken as a Senior	Human Anatomy & Physiology (1.0) Precalculus (1.0) *Can be taken as a Junior
Business & College Classes:		Marketing (1.0) Business Tech	Entrepreneurship (1.0)	Liberal Arts Academy or WRI 121 @ OIT WRI 122 @ OIT SPE 111 @ OIT PSY 201 @ OIT ECO 202 @ OIT ECO 201 @ OIT Humanities Elective @ OIT
Business Class:			BUS 215 @ OIT	