WILLAMETTE
HIGH SCHOOL

2025-2026

Curriculum Guide

Dear WHS Students and Families:

Let me be the first to welcome you to Willamette High School, also known as Wolverine Nation! Willamette High School is Lane County's most comprehensive high school and it is an exciting place to be. We provide students with a wide range of course offerings specially designed to meet their interests and needs.

This *Willamette High School Curriculum Guide* is your resource to understanding the educational offerings and programs at Willamette High School. Inside this guide you will find information about individual classes, graduation requirements, career pathways, and college credit earning opportunities. As you explore classes, be sure to pay attention to the graduation requirements and recommended courses at each grade level. This guide walks you through which classes you need to take and what electives are available for you to pursue your individual interests.

As a student at Willamette High School, you will have many opportunities to become involved in our community. I encourage you to find your niche—your place in our community—to grow, contribute, and to learn more about yourself and others in the process. Find a club, career pathway, sport, or activity where you can explore your creativity while building your skill set and gaining valuable experience. Our mission at Willamette is*:*

To cultivate a vibrant and inclusive learning community. We empower individuals of all backgrounds to become confident, compassionate, and creative members of society.

To achieve our mission, we have a community of caring and dedicated teachers, counselors, support staff, and administrators who are committed to supporting your success. We are excited to support you through your high school educational journey into college and careers. Go Wolverines!

All the best,
Alyssa Dodds
Principal, Willamette High School

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Using the Curriculum Guide

The purpose of the curriculum guide is to provide students and parents/guardians with an overview and description of the required and elective course offerings at Willamette High School. The actual courses available in the master schedule each semester are dependent on adequate student sign-up, facilities, teacher preparation, and other factors associated with organizing the education program; therefore, every course may not be available every year.

Please use this guide to help you make course choices that reflect your future goals and ambitions. Counselors, teachers, and other staff members are available to help students determine the appropriate courses that match their interests and post-high school plans. Students are encouraged to be informed and make deliberate decisions and choices about their high school education. Although the exact course you are looking for may not be available, all courses provide the opportunity to explore new interests and build skills for college and career readiness.

Forecasting Guidelines

Student forecasting allows students to develop a sequence of required and elective courses that best meet their post-high school plans and goals. Students should select classes for the entire school year. Students should also select appropriate alternative classes when forecasting, in case a preferred class is not offered due to insufficient enrollment or the class is full due to excess requests.

Parents/guardians and students should carefully review the curriculum guide. Together they should read the descriptions, prerequisites, and grade level requirements. Courses should be selected to best meet the student's needs for both short and long term goals. Students and parents should also consider previous grades and study habits when selecting classes.

When making selections, students need to be sure the classes they are selecting are classes they are committed to taking and completing. Most often changes cannot be made once classes are full. Placement in some courses will be determined by teacher recommendation, previous grades, and other prerequisite criteria.

Four Year Plan Overview

Grade 9-Semester 1	**Grade 9-Semester 2**	**Grade 10-Semester 1**	**Grade 10-Semester 2**
Language Arts	Language Arts	Language Arts	Language Arts
Math	Math	Math	Math
American Studies	American Studies	World Studies	World Studies
Physical Science	Physical Science	Biology	Biology
Physical Education	Skills for Healthy Living	Physical Education	Wellness
Fine/Applied Arts	Fine/Applied Arts	Fine/Applied Arts	Fine/Applied Arts
Fine/Applied Arts	Fine/Applied Arts	Elective	Elective
Wolverine 101	Elective	Wolverine 201	Elective
Grade 11-Semester 1	**Grade 11-Semester 2**	**Grade 12-Semester 1**	**Grade 12-Semester 2**
Language Arts	Language Arts	Language Arts	Language Arts
Math	Math	Math or elective	Math or elective
Environmental Sci	Environmental Sci	Science or elective	Science or elective
Career Pathway	Career Pathway	U.S. Gov. and Politics	Personal Finance
Pathway Elective	Pathway Elective	Pathway or Elective	Pathway or Elective
Fine/Applied Arts	Fine/Applied Arts	Social Studies Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective or Off Campus	Elective or Off Campus

Traditional Graduation Requirements

Content	Required Credit
Language Arts	4.0 credit
Math	3.0 credit (Math 1 and above)
Science	3.0 credit (2.0 credit must be lab science)
Social Studies	3.0 credit (0.5 credit must be U.S. Government and Politics)
Personal Finance	0.5 credit
Health	1.0 credit
Physical Education	1.0 credit
Fine Arts or Applied Arts (includes world language)	3.0 credit
Electives	5.5 credit
Total	**24 credits**

Additional Requirements

Wolverine 201	Beginning with the Class of 2027, students will meet the Higher Education and Career Path Skills diploma requirement through Wolverine 201.
Personalized Learning to prepare for post-high school goals	● Education Plan & Profile: Students develop an education plan with WHS staff to meet graduation requirements connected to post-high school goals. ● Career Related Learning Experiences (CRLE): students participate in experiences that connect classroom learning with adult life experiences in the community and/or school relevant to their education plan. ● Extended Application: students apply academic standards, essential skills and technical knowledge, and skills appropriate to their personal interests and post-high school goals for college and career.

Students who do not meet the above requirements will not earn a traditional diploma. Please contact your high school counselor or IEP case manager if you have questions or if you are not on track to earn a traditional diploma. Some students will be eligible for other diplomas or completion certificate options; eligibility criteria are set by state law. Students who are eligible, and their parents, will be informed by school staff as part of the student's individual planning process.

Honors Diploma Requirements

- 28 credits of required courses
- Minimum GPA of 3.5 by the end of 7th semester (second semester of senior year)
- At least 2 advanced courses (one year each)*
- Minimum C- in core classes (including World Language)
- May not take core classes on a Pass/No Pass basis
- 150 hours of community service due by May 1st of senior year. Service logs are available in the Counseling Office.
- Honors Diploma Contract due before Nov. 1 of senior year

Honors Diploma Credit Requirements:

Language Arts: 4.0 credit	Math: 4.0 credit
Science: 4.0 credit	Social Studies: 4.0 credit (includes 0.5 U.S. Government and Politics)
Health: 1.0 credit	Personal Finance: 0.5 credit
Physical Education: 1.0 credit	World Language: 3.0 credit (3.0 credit of the same language or 2.0 credit in each of two languages)
Electives: 6.5 credit	
Total	**28 Credits**

Additional Requirements

Community Service: 150 hours (Due to counselor by May 1st of senior year)	Hours may be completed between 9th-12th grade and must be non-credit earning, unpaid, and directly benefit the community (school, local, or global).

***Advanced Course Options:**

Advanced Math 3	IB German 2
AP Human Geography	IB History 1 - Americas
AP Statistics	IB History 2 - 20th Century World
College Trigonometry and Calculus	IB Music 1
Physics	IB Music 2
IB Analysis and Approaches	IB Psychology 1
IB Applications and Interpretation	IB Psychology 2
IB Chemistry 1	IB Spanish 1
IB Chemistry 2	IB Spanish 2
IB English 1	IB Sports, Exercise, and Health Science 1
IB English 2	IB Sports, Exercise, and Health Science 2
IB German 1	IB Theory of Knowledge 1 & 2

International Baccalaureate Diploma Program

What is the International Baccalaureate Diploma Program?

- An internationally recognized program of challenging college-prep courses
- Available for 11th - 12th grades
- Courses promote critical thinking, analysis, writing, and oral discussion
- Teachers are required to be trained in their IB subject area
- Emphasis is placed on internationalism in all courses
- Assessment is done by both the teacher and the IB organization
- College credit may be available for passing particular exams

What is the difference between an IB Diploma and a traditional WHS diploma?

- IB Diploma requires satisfactory completion of IB coursework in 6 disciplines and Theory of Knowledge
- IB Diploma requires a personal and Community Service Component (CAS) to be completed over two years
- IB Diploma candidates must satisfactorily complete an Extended Essay on a topic of their choosing
- IB Diploma recipients earn college credit at most universities and many universities offer admissions incentives
  specifically designed (such as guaranteed acceptance and priority housing) for IB Diploma students

Is it possible to take IB courses without attempting the full IB Diploma?

YES! We encourage all students to take IB classes. It is possible to take just those IB courses in which students have an interest. In addition, successful completion of the IB examinations in those courses may earn college credit.

Are there certain courses that 9th and 10th graders should take to prepare for IB?

Since the IB courses are taught at an advanced level, it is important to take as demanding a schedule as you can in the 9th and 10th grades for preparation. **Recommendations are to begin a world language in 9th grade and to take any advanced courses that are at your appropriate academic level.**

What IB courses are offered at Willamette?

Group 1: Language A	IB English 1, IB English 2
Group 2: Language B	IB German 1, IB German 2, IB Spanish 1, IB Spanish 2
Group 3: Individual and Societies	IB History 1 - Americas IB History 2 - 20th Century World History IB Psychology 1, IB Psychology 2
Group 4: Experimental Sciences	IB Chemistry 1, IB Chemistry 2 IB Sports, Exercise, and Health Science 1 IB Sports, Exercise, and Health Science 2
Group 5: Mathematics	Advanced Math 3, IB Analysis and Approaches, IB Applications and Interpretation
Group 6: Arts	IB Music 1, IB Music 2
Other	IB Theory of Knowledge 1, IB Theory of Knowledge 2

Recommended IB/AP Sequence of Courses

Department	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10 or English 10A	IB English 1	IB English 2
Second Language	Spanish 1 or German 1	Spanish 2 or German 2	IB Spanish 1 or IB German 1	IB Spanish 2 or IB German 2
Social Studies	American Studies	AP Human Geography or World Studies	IB History 1 or IB Psychology 1	IB History 2, IB Psychology 2
Science	Physical Science	Biology	IB SEHS 1 or IB Chemistry 1	IB Chemistry 2 or IB SEHS 2
Mathematics	Math 1	Math 2	Advanced Math 3	IB Analysis and Approaches, IB Applications and Interpretation, College Trig & Calculus, or AP Statistics
Arts/Elective	N/A	N/A	IB Psychology 1, IB History 1, or IB Music 1	IB History 2, IB Psychology 2, or IB Music 2
Theory of Knowledge	N/A	N/A	IB Theory of Knowledge 1 (2nd semester of 11th grade)	IB Theory of Knowledge 2 (1st semester of 12th grade)

IB Transcript and Grade Point Average

Upon completion of an IB course, the students' transcript will receive the "IB" designation. This is a highly regarded, internationally recognized mark of achievement. Students will receive a weighted grade for all AP and IB classes.

Core Class Offerings by Subject

The following classes will apply toward the college prep requirements for entrance into the universities in the Oregon Public University System. Both the number of courses taken and grades received can significantly enhance acceptance to public and private four-year colleges and universities. Pass/No Pass is generally NOT accepted for admission requirements in these areas, and a **minimum C- grade is often required**.

English	**Mathematics**	**Science**	**Social Studies**	**World Languages**
English 9	Math 1	Physical Science	American Studies	Spanish 1
English 10	Math 2	General Biology	World Studies	Spanish 2
English 10A	Advanced Math 3	Environmental Science	AP Human Geography	Spanish 2 Heritage
IB English 1	IB Analysis and Approaches	Botany	U.S. Government and Politics	IB Spanish 1
IB English 2	IB Applications and Interpretation	Zoology	Current Events	IB Spanish 2
Creative Writing	Financial Algebra	Physics	Ethnic Studies	German 1
College & Career Writing	Theme Park and Design Math	IB Sports, Exercise, & Health Science 1	Law and Ethics	German 2
Mythology & Religion	Social Justice Math	IB Sports, Exercise & Health Science 2	Mock Trial	IB German 1
Outdoor Literature	Pi Math	IB Chemistry 1	Sociology	IB German 2
Science Fiction	Algebra 2	IB Chemistry 2	Speech and Debate	
Women's Literature	College Trigonometry and Calculus	Chemistry for Health Careers	Black Studies	
	AP Statistics		General Psychology	
			IB History 1	
			IB History 2	
			IB Psychology 1	
			IB Psychology 2	
			IB Theory of Knowledge 1	
			IB Theory of Knowledge 2	

Four-Year College Entrance Requirements:

Oregon's Public Universities mandate college preparatory courses, alongside a minimum high school GPA, for admission. All students are strongly advised to plan a high school program that will meet these course requirements, as listed below. **All college preparatory work must be completed with a C- grade or better**. Students should also check college and university admissions official websites for other specific admissions requirements. Students must satisfactorily complete at least fifteen credits in the following core academic areas to meet minimum entrance requirements:

Language Arts: 4 credits	Literature, speaking and listening, and writing expository prose during all four years.
Mathematics: 3 credits	Advanced math courses are highly recommended during 11th and 12th grade. Students are recommended to take Advanced Math 3 or Algebra 2.
Science: 3 credits	One year each in two fields of college prep science such as Biology, Chemistry, Physics, or Physical Science. Two years recommended as a lab science.
Social Studies: 3 credits	One year each of American Studies, World Studies, one semester of a Social Studies elective, and U.S. Government and Politics.
World Language: 2 credits	Second year proficiency in a world language.

NOTE: Night School, Summer School and online credit recovery classes may not be accepted by 4-year colleges and universities to meet college entrance requirements and/or NCAA eligibility.

Opportunities for Earning College Credit

Willamette students have several opportunities to earn college credits while attending WHS. Students are strongly encouraged to try at least one AP or IB course while they are enrolled at Willamette. The experience and practice that comes with enrolling in a more rigorous course can be equally beneficial to the student's long term success in college regardless of whether or not they pass the exams and earn specific college credit. The earned college credit is in addition to the high school credit awarded for the course.All students are encouraged to explore these opportunities. College credit can be earned by the following methods:

1. **AP Exams:**
   Students who pass the exam for any AP course will earn college credit and/or waiver of college freshmen courses. AP exams are held in May. The credit awarded varies based on the college and score earned on the exam. Consult the college admissions office website for details. Students who pass an AP class will receive a weighted grade in the class.

2. **IB Exams:**
   Students who complete any IB course that is designated as Higher Level (HL= two years long) and pass the required exams will have a college credit option. In some instances (including at all Oregon universities) college credit can also be earned for passing Standard Level (SL) exams. There is a cost for each exam which varies depending on how many exams are being taken. Exam fees are due in the fall and exams are in May. In addition, students who complete the full IB Diploma may earn college credits for many of their IB courses, and may earn up to a full year of college credits. Visit the IB website (www.ibo.org) for details as credit awarded may vary. Students who pass an IB class will receive a weighted grade in the class.

3. **College Now:**
   Students can earn credit through Lane Community College if they earn a B or better in a participating College Now class that is taught at Willamette High School. Most of these credits will transfer to other post-secondary institutions. College Now offerings have expanded into multiple departments at Willamette High School. Please view our list of College Now classes.

College Now Program

Lane Community College's College Now program is a FREE program that offers WHS students the opportunity to earn both high school and college credit for specific courses, saving WHS students hundreds of dollars in tuition and fees after graduation. These courses cover the same content as specific LCC courses and are recorded on an LCC transcript. Credit is available in courses that may transfer to a 4-year college or credit for professional technical courses. More information about the benefits of LCC's College Now Program can be found at: https://www.lanecc.edu/community/education-community/college-now. College Now offerings may vary year to year and students should confirm eligible classes with their school counselor.

Willamette High School Course	Lane Community College Equivalent Course
Accounting 1 & 2	BT 165: Introduction to the Accounting Cycle
Advanced Computer Technology 1	BT 120: MS Word for Business & BT 123: Excel for Business
Algebra 2	MTH 95: Intermediate Algebra
AP Human Geography	GEOG 142: Introduction to Human Geography
AP Statistics	STAT 243Z: Elementary Statistics I
College Trigonometry and Calculus	MTH 112Z: Precalculus 2: Trigonometry MTH 251: Calculus I (Differential Calculus)
Child Development Theory	ECE 120: Introduction to Early Childhood
Child Development Application	ECE 150: Creative Activities for Children
Computer Basics	CS 120: Concepts of Computing
Computer Fundamentals	CIS 101: Computer Fundamentals
Computer Science Explorations	CS 160: Orientation to Computer Science
Ethnic Studies	ES 101: Historical Racial & Ethnic Issues
Health Office Procedures	HP 110: Health Office Procedures
IB German 2	GER 101, 102, 103 (Klamath Community College)
IB Sports, Exercise, Health Science 1	HP 150: Human Body Systems 1
IB Sports, Exercise, Health Science 2	HP 152: Human Body Systems 2

College Now Program (Cont.)

Willamette High School Course	Lane Community College Equivalent Course
ITC/Preschool Experience 1	ECE 240: Supervised Student Teaching
Intro to Business 1 & 2	BA 101: Introduction to Business
Intro to Teaching - Theory & Application	ED 100: Introduction to Teaching
Medical Terminology	HP 100: Medical Terminology 1
Mobile App Development	CIS 125A: Software Tools: App Development
Python Programming	CS 161P: Computer Science 1
Senior Business Lab 1	GWE 180: Co-op Ed: General Work Experience
Sociology (Semester 1 or 2)	SOC 204: Introduction to Sociology
U.S. Government and Politics	PS 201: U.S. Government and Politics
Video Game Development	CIS 125G: Software Tools 1: Game Development
Web Design 2	CIS 195: Web Authoring 1

Collegiate Athletics Preparation

Willamette High School offers a comprehensive athletic and activity program. It is our belief that involvement in these activities complements a student's academic program and preparation for college. Students that are planning or hope to participate in athletics at the collegiate level should pay attention to the following requirements.

Willamette Athletics Eligibility Requirements

Willamette High School students must meet the following requirements to be eligible for athletics:

- The student must have passed at least five graded classes the previous semester to be eligible. Ninth (9th) grade students are excluded from this standard **(first semester only)**.
- The student must be passing at least seven out of their eight total classes by week six of the semester to remain eligible. By week four, the students must be passing at least six of eight classes.
- The student must be enrolled in and passing at least 5 credit classes each semester to graduate with 24 credits. Student-athletes will be required to be showing proficiency (be passing) in all classes at the 9-week grade check and each semester to maintain their eligibility. Students who fall below this expectation will be given one week to meet this standard and keep their eligibility.
- The student must be on track to graduate on time, earning at least 6 credits as a 9th grader, 12 credits by the end of 10th grade, and 18 credits by the end of 11th grade.
- The student must complete the Athletic Registration Packet on the Willamette Athletics website before being considered eligible to begin practice each season. All outstanding fees and debts must be cleared before beginning to practice.

There is an athletic participation fee to participate in athletics. Please visit our Willamette Athletics Webpage for more information: https://willamettehighschoolathletics.org/.

NCAA/NAIA Athletic Eligibility Requirements

There are specific requirements for participation in athletics at the college NCAA Division Level 1 or 2. To be certified by the NCAA Clearinghouse, you must:

Apply for certification after your junior year in high school if you are planning and hoping to participate in intercollegiate athletics as a freshman at a Division I or II institution. The Clearinghouse will issue a preliminary certification report after you have had all your materials submitted (official six-semester transcript, ACT or SAT scores, student release form, and fee). After you graduate**, if** your eligibility status is requested by a member institution, the Clearinghouse will review your final transcript and proof of graduation to make a final certification decision according to NCAA standards. Students can register online at www.ncaa.org.

Students who wish to participate in collegiate athletics at an NAIA institution also need to review requirements and take the necessary steps for eligibility.
More information can be found at https://www.playnaia.org/eligibility-center.

Career Pathway Endorsements

Career Pathway Endorsements

Your Path to Career Readiness!

A Career Pathway Endorsement (CPE) is a powerful way to explore your career interests while gaining valuable skills, real-world experience, and recognition for your hard work. By completing at least three pathway-specific credits during high school, you'll develop a focused plan for your future, connect with industry professionals, and even earn college credit or professional certifications related to your field.

Whether your goal is a 4-year college, a technical program, or entering the workforce, a CPE helps you gain a competitive edge. Plus, completing a CPE earns you a distinctive graduation cord to showcase your achievement!

How it works:

- **Explore your interests and options** with your counselor during forecasting.
- **Choose Your Pathway** early in high school based on your interests. You can take classes and complete multiple CPEs, starting your freshman year as a Wolverine.
- **Connect with the CPE Advisors** to learn about CPE coursework and careers.
- **Complete three (3) credits of Pathway courses, including at least 1.5 of Standard Level classes and 1.0 of Higher Level classes** (Pathways have required Standard Level and required Higher Level courses).
- **Gain authentic experience** by completing an **apprenticeship, Work-based Learning, or volunteer hours.**
- **Meet Senior Year Requirements (by May 1st):**
  - Submit your **transcript** (minimum **2.0 GPA**) to the CPE teacher/coordinator.
  - Provide documentation of **volunteer, Work-based Learning, or apprenticeship hours**.
- **Proudly display Pathway cords** at graduation and include achievements on applications!

The **Career Pathway Endorsement** is a unique opportunity to build skills, explore careers, and graduate with recognition for your dedication. **Start planning today and set yourself up for success!**

Career Pathway Options and Advisors:

Automotive Service Technology - Bill Hewes

Business Management- Jessica Arnold

Computer Science- Matthew Symonds

Digital Arts- Erik Bishoff

Education- Jamie Anderson

Health Sciences- Devon Vendetti

Hospitality and Tourism- PK Bunker

Human Behavior- Claire Mitchell

Manufacturing and Engineering Technology- Tom Lindskog

Multimedia Arts- Matthew Symonds

Performing Arts- Joe Freuen

WHS Career Pathways

Automotive Service Technology

In the **Automotive Service Technology Pathway**, students will acquire skills in vehicle maintenance, repair, and diagnostics to service and enhance various types of vehicles and machinery. Utilizing industry-standard tools and technologies, students will prepare for careers in automotive service, collision repair, and heavy equipment maintenance.

Automotive Service Technology Careers include: Automotive Technician, Diesel Mechanic, Collision Repair Technician, Service Advisor, Heavy Equipment Technician, Automotive Engineer, Motorsports Technician, Fleet Maintenance Manager, Parts Specialist, and Automotive Painter.

Automotive Service Technology Pathway Options:

Standard Level Classes	Higher Level Classes
• Car Care • Small Gas Engine Theory • Automotive 1 • Automotive 2	• Automotive 3 • Automotive 4

Check with Mr. Hewes about Pathway details and questions.

WHS Career Pathways

Business Management

In the **Business Management Pathway,** students will learn about and practice skills relating to entrepreneurship, accounting, marketing, financial management, and leadership, in preparation to navigate the dynamic world of business and finance.

Business and Management Careers include: Business administration, Accounting, Human Resources, and leadership roles across various industries, including corporate management, small business ownership, and non-profit organizations.

Business Management Pathway Options:

Standard Level Classes	Higher Level Classes
• Accounting 1 • Entrepreneurship • Intro to Business 1 • Sports Entertainment and Marketing	• Accounting 2 • Advanced Computer Technology • Computer Fundamentals • Intro to Business 2 • ProjectsWork 1 • ProjectsWork 2 • Senior Business Lab 1 • Senior Business Lab 2 • Senior Business Lab 3 • Senior Business Lab 4

Check with Ms. Arnold about Pathway details and questions.

WHS Career Pathways

Computer Science

In the **Computer Science Pathway,** students will learn the fundamentals of coding, software development, data structures, and problem-solving using technology. Students will gain knowledge in programming languages, explore algorithms, and develop critical thinking skills to analyze and optimize digital systems.

Computer Science Careers include: Data Analytics, Cybersecurity, Software Development, IT Systems Engineering, Game and App Development, Web Design, AI Development, and Software Engineer.

Computer Science Pathway Options:

Standard Level Classes	Higher Level Classes
• Computer Basics • Computer Science Explorations • Digital Music Production • Video Game Design • Web 1: Intro to Computer Science • Web Design 2	• AP Computer Science Principles • Computer Science Independent Study • Cybersecurity • ProjectsWork 1 • ProjectsWork 2 • Python Programming

Check with Mr. Symonds about Pathway details and questions.

WHS Career Pathways

Digital Arts

In the **Digital Arts Pathway,** students will develop skills in graphic design, digital illustration, photography, and animation to produce projects for print, web, and multimedia platforms. Using tools like Adobe Creative Suite, students will prepare for careers in a variety of creative industries.

Digital Arts Careers include: Graphic Designers, Digital Illustrators, Animators, Web Designers, UX/UI Designers, Motion Graphics Designers, and Storyboard Artists.

Digital Arts Pathway Options:

Standard Level Classes	Higher Level Classes
• Art 1 • Digital Illustration 1 • Graphic Design 1 • Graphic Design 2 • Photography 1 • Photography 2	• Art 2 • Art Foundations • Graphic Design 3 • ProjectsWork 1 • ProjectsWork 2

Check with Mr. Bishoff or Ms. Kirchhoff about Pathway details and questions.

WHS Career Pathways

Education

In the **Education Pathway,** students will explore theories and practice skills relating to early childhood development and education, teaching, and learning. Students will have abundant real-world opportunities to apply their knowledge in preschool, elementary and middle school settings, and learn about themselves as a learner through the course work.

Education Careers include: Preschool, elementary, middle, and high school teacher/coach/administrator. Education specialist in mental health, curriculum, instruction, and assessment. Academic and mental health counselor, student mentor, after-school program teacher.

Education Pathway Options:

Pick one track:	Standard Level Classes	Higher Level Classes
Early Childhood Education Track:	• Childhood Development Theory • Childhood Development Application	• ITC/Preschool Experience 1 • ITC/Preschool Experience 2 • ITC/Preschool Experience 3 • ITC/Preschool Experience 4
General Education Track:	• Intro to Teaching Theory • Intro to Teaching Application	• Elementary School Experience 1 • Elementary School Experience 2 • Elementary School Experience 3 • Elementary School Experience 4 • Middle School Experience 1 • Middle School Experience 2 • Middle School Experience 3 • Middle School Experience 4

This pathway requires 1.0 Standard Level credits and 2.0 Higher Level.
Check with Ms. Anderson about Pathway details and questions.

WHS Career Pathways

Health Sciences

In the **Health Sciences Pathway,** students will learn the fundamentals of human anatomy and physiology, medical terminology, cell biology, microbiology, and how the integration of these systems inform and influence healthcare and the medical sciences.

Health Sciences Careers include: Medical Technician, Nursing, Nurse Practitioner, Physician, Public Health Specialist, Research Scientist, Athletic Trainer, Exercise Scientist, Physical Therapist, Nutrition Scientist.

Health Sciences Pathway Options:

Standard Level Classes	Higher Level Classes
• Medical Terminology • Sports Medicine	• Chemistry for Health Sciences • Health Office Procedures • IB Sports, Exercise, and Health Science 1 • IB Sports, Exercise, and Health Science 2

Check with Mr. Vendetti about Pathway details and questions.

WHS Career Pathways

Hospitality and Tourism

In the **Hospitality and Tourism Pathway** students will learn the skills used in the culinary arts, including meal planning, purchasing, food preparation and presentation, and service skills and management. Students will also earn certifications related to working in food service and hospitality and participate in culinary competitions around the region.

Hospitality and Tourism Careers include: Food Service Management, Restaurant Owner, Supply Chain Management, Chef, Baker, Nutritionist, Tour Service Management, Event Management.

Hospitality and Tourism Pathway Options:

Standard Level Classes	Higher Level Classes
• Food Service, Baking, and Tourism • Meals • Prostart Culinary 1 • Prostart Culinary 2	• Prostart Culinary 3 • Prostart Culinary 4

Check with Mr. Bunker or Mr. DeSimone about Pathway details and questions.

WHS Career Pathways

Human Behavior

In the **Human Behavior Pathway,** students will explore the fields of psychology, sociology, education, human development, cognitive science, and how these fields are applied to societies. Students will also learn about individual and group dynamics, how human development influences knowledge and learning, and how human societies are shaped by cognition.

Human Behavior Careers include: Psychologist, Psychiatrist, Therapist, Teacher, Behavioral/Mental Health Researcher, Organizational Psychologist, Sports Psychologist, Cognitive Scientist, Child Care Specialist, AI Researcher, Anthropologist, Social Worker, Sociologist.

Human Behavior Pathway Options:

Standard Level Classes	Higher Level Classes
• Black Studies • Current Events • Ethnic Studies • General Psychology • Law and Ethics • Sociology • Sources of Strength • Speech and Debate	• AP Human Geography • IB Psychology 1 • IB Psychology 2 • IB History 1 • IB History 2 • IB Theory of Knowledge 1 • IB Theory of Knowledge 2 • Leadership • Mock Trial • Social Justice Math

Check with Mrs. Mitchell about Pathway details and questions.

WHS Career Pathways

Manufacturing and Engineering Technology

In the **Manufacturing and Engineering Technology Pathway,** students learn skills and concepts that focus on designing, building, and managing construction or manufacturing projects, while learning skills in technical drawing, 3D digital design and production, automated systems, manual or CNC woodworking or machining tools, and materials and project management.

Manufacturing and Engineering Technology Careers include: Construction, Architectural Drafting and Design, Manufacturing or Construction Management, Carpentry, Electrician, Plumber, HVAC Technician, Production Design, 3D Technicians, Robotics Engineers, Welding, Mechanical and Structural Engineering, Industrial Systems Design, and Computer-Aided Design (CAD).

Manufacturing and Engineering Technology Pathway Options:

Standard Level Classes	Higher Level Classes
• Digital Manufacturing 1 • Drafting 1 • Industry & Engineering Systems 1 • Industry & Engineering Systems 2 • Intro to Robotics • Metals 1 • Women in Engineering • Woods 1	• Advanced Construction • Design and Manufacturing 1 • Design and Manufacturing 2 • Digital Manufacturing 2 - 4 • Drafting 2 - 4 • Industry & Engineering Systems 3 • Industry & Engineering Systems 4 • Metals 2 - 4 • ProjectsWork 1 • ProjectsWork 2 • Robotics Competition 1 • Robotics Competition 2 • Woods 2 - 4

Check with Mr. Lindskog, Mr. McGowan, or Mr. Vold about Pathway details and questions.

WHS Career Pathways

Multimedia Arts

In the **Multimedia Arts Pathway** students will learn about the technical and creative aspects of media production including skills related to video production and editing, animation, broadcasting, digital art, audio and film production. Students prepare for careers in film, broadcasting, and performing arts.

Multimedia Arts Careers include: Film/Video Production and Editing, Sound Editing, Digital Editing, Motion Graphics and Visual Effects Designers, Animation, Audio Engineers, Broadcast Production, Social Media Content Creation, Web Design, and Interactive Media Development.

Multimedia Arts Pathway Options:

Standard Level Classes	Higher Level Classes
• Multimedia 1 • Web Design 1	• Digital Music Production • Multimedia 2 • Multimedia 3 • Multimedia 4 • Multimedia Independent Study • ProjectsWork 1 • ProjectsWork 2

Check with Mr. Symonds about Pathway details and questions.

WHS Career Pathways

Performing Arts

In the **Performing Arts Pathway**, students will develop creative, technical and performance skills through theater, vocal performance, and instrumental music both individually and as part of a group. Students will gain professional experience with live performances, technical production, and collaboration, learning the discipline and dedication required in the performing arts.

Performing Arts Careers include: Actor, Musician, Composer, Stage Manager, Sound Engineer, Theatrical/Musical Director, Costume Designer, Stage and Lighting Technician, Recording Artist, Music Educator, Theatrical/Music Producer.

Performing Arts Pathway Options:

Standard Level Classes	Higher Level Classes
• Beginning Drama • Bella Voce • Chamber Choir • Concert Band • Concert Choir • Symphonic Band • Wind Ensemble	• Advanced Drama • IB Music 1 • IB Music 2 • Jazz Ensemble • Jazz Choir

Check with Mr. Freuen about Pathway details and questions.

Course Descriptions

Business Management

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Accounting 1	None	10-12	No	0.5
Accounting 2	Accounting 1	10-12	No	0.5
Advanced Computer Technology 1	Computer Fundamentals or Instructor Approval	9-12	No	0.5
Advanced Computer Technology 2	Advanced Computer Technology 1	10-12	No	0.5
Computer Fundamentals	None	9-12	No	0.5
Entrepreneurship	None	9-12	No	0.5
Intro to Business 1	None	10-12	No	0.5
Intro to Business 2	Intro to Business 1	10-12	No	0.5
Senior Business Lab 1	Previous Business Course & Instructor Approval	11-12	No	0.5
Senior Business Lab 2	Senior Business Lab 1	11-12	No	0.5
Senior Business Lab 3	Senior Business Lab 2	12	No	0.5
Senior Business Lab 4	Senior Business Lab 3	12	No	0.5
Sports and Entertainment Marketing	None	9-12	No	0.5

Accounting 1

In this course, the student will be introduced to the theory and practices of financial record keeping used in today's business world. They will learn to prepare financial statements and reports, including balance sheets and income statements, and practice maintaining and reconciling checking accounts. Students will also gain skills in analyzing and recording business transactions.

Accounting 2

In this course, the student will apply principles and procedures learned in Accounting 1 to create business records and reports. The student will complete an accounting simulation where they are actually in control of the financial transactions and record keeping for a business. Students who complete both Accounting 1 and Accounting 2 with a grade of B or better are eligible to earn 4 college credits through Lane Community College.

Advanced Computer Technology 1

In this course, the student will create Word documents with tables, charts, and watermarks. Students will also generate form letters, mailing labels, and envelopes as well as, create a professional newsletter, cover letter, and resume. In Excel, students will create spreadsheets with borders, assign and refer to cell references, use financial formulas, and analyze worksheets. Students must be familiar with Microsoft Office and able to type a minimum of 25 words per minute.The student will complete this class with advanced Microsoft Office skills and be prepared for an entry-level office position or the rigorous demands of college reports and projects. College Now credits are available with a grade of B or better through Lane Community College.

Advanced Computer Technology 2

I**n this course, the student will** create PowerPoint presentations with pictures, tables and charts, add animation, sound effects and hyperlinks, and format text and apply transitions. With Publisher**,** students will create a newsletter, a tri-fold brochure, letterhead, business cards, and business forms and tables. Students must be familiar with Microsoft Office and able to type a minimum of 25 words per minute. The student will complete this class with advanced MS Office skills and be prepared for an entry-level office position or the rigorous demands of college reports and projects. College Now credits are available with a grade of B or better through Lane Community College

Computer Fundamentals

In this course, the student will be introduced to the computer keyboard as well as learning about file management, and various applications of Microsoft Word, PowerPoint, and Excel. Students will complete this class with a foundation of touch-typing and basic formatting skills. College Now credits are available with a grade of B or better through Lane Community College.

Entrepreneurship

In this course, the student will learn how to develop a business plan, conduct market research and be provided the support necessary to nurture the development of an idea into a business. The course uses interactive online case studies to show how to apply network technology skills to start a business or advance your career. Students will learn how to capture the customer's needs, improve leadership skills and financial literacy, and start different kinds of business from an Internet Cafe to a consulting service.

Intro to Business 1 & 2

In this course, the student will examine the fundamentals of team building and communication within the business environment while learning topics related to economics, ethics & social responsibility, business organizations, management & teamwork, human resources, marketing, and accounting & finance. In addition, students will focus on building effective teams, managing team conflict, and taking advantage of team diversity. Most projects are team based. Students who complete both Intro to Business 1 and 2 may be eligible to earn college credit through Lane Community College.

Senior Business Lab 1

In this course, the student will be involved in all aspects of running a small retail store including ordering and inventory control, training and managing employees, cash proof and deposits, advertising, product decisions, and store set up as well as working shifts during lunch hour. The course will give students the opportunity to work as a manager in the school store.

Senior Business Lab 2 - 4

In this course, the student will have a chance to deepen their retail, managerial, and customer service skills in the school store during both class time and lunch shifts.

Sports and Entertainment Marketing

In this course, the student will learn basic marketing concepts using sports and entertainment examples. THis entry level marketing course explores how companies use sports and/or entertainment to market their products and services, and how entertainment companies, teams, leagues, and events market themselves. Main topics include: promotions, advertising, sponsorship, branding and product licensing, verbal and visual communications in sports and entertainment careers such as Marketing Coordinator, Sports Agent, and Sporting Goods Merchandiser.

Education

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Child Development Theory	None	10-12	No	0.5
Child Development Application	None	10-12	No	0.5
Elementary Experience 1	Child Development Theory and Application or Intro to Teaching Theory and Application	11-12	No	0.5
Elementary Experience 2	Elementary Experience 1	11-12	No	0.5
Elementary Experience 3	Elementary Experience 2	12	No	0.5
Elementary Experience 4	Elementary Experience 3	12	No	0.5
Intro to Teaching Theory	None	10-12	No	0.5
Intro to Teaching Application	None	10-12	No	0.5
Infant Toddler Center (ITC)/Preschool Experience 1	Child Development Theory and Application or Intro to Teaching Theory and Application	11-12	No	0.5
ITC/Preschool Experience 2	ITC Experience 1 or Preschool Experience 1	11-12	No	0.5
ITC/Preschool Experience 3	ITC/Preschool Experience 2	12	No	0.5
ITC/Preschool Experience 4	ITC/Preschool Experience 3	12	No	0.5
Middle School Experience 1	Child Development Theory and Application or Intro to Teaching Theory and Application	11-12	No	0.5
Middle School Experience 2	Middle School Experience 1	11-12	No	0.5
Middle School Experience 3	Middle School Experience 2	12	No	0.5
Middle School Experience 4	Middle School Experience 3	12	No	0.5

Child Development Theory

In this course, the student will be introduced to the field of early childhood education by first exploring personal strengths as it connects to the qualities of a successful early childhood educator. Strategies for guiding children's behavior and learning will be a focus throughout the semester as students will participate in a preschool practicum (students must be Covid vaccinated to participate in the practicum aspect of the course as per state mandate). With use of hands-on activities, students will investigate the connection between child development principles and play. The course will end with a study of the European approaches to early childhood education. Students who complete this course with a C grade or better are eligible to earn 2 college credits through Lane Community College.

Child Development Application

In this course, the student will explore how to set up and/or lead preschool age-appropriate activities including art, literacy, blocks, music and movement, and dramatic play. This project-based course will introduce students to the concept of how children learn through play. Strategies for guiding children's behavior and learning will also be a focus throughout the semester as students will participate in a preschool practicum (students must be Covid vaccinated to participate in the practicum aspect of the course as per state mandate). Students who complete this course with a C grade or better are eligible to earn 3 college credits through Lane Community College.

Elementary Experience 1 - 4

In this course, the student will participate in an elementary school practicum where they will assist their host teacher with daily classroom duties and student learning. Students will also complete journal reflections, observations, and additional coursework to support their growing understanding of the career field of teaching.

Intro to Teaching Theory

In this course, the student will explore the career field of teaching, explore their own strengths as individuals, and participate in building a sense of classroom community. Learning styles and needs, human growth and development, and barriers to learning will also be investigated. Students will have opportunities to lead the class as individuals and in small groups as preparation for the second semester elementary or middle school practicum. Students who complete this course, and Intro to Teaching Applications, with a C grade or better are eligible to earn 4 college credits through Lane Community College.

Intro to Teaching Application

In this course, the student will participate in an elementary or middle school teaching practicum approximately 50% of class time. Students will also continue their studies of the career field of teaching including learning about the traits of an effective teacher, classroom routines and management, and teaching methods and strategies. Students will create and teach a lesson plan towards the end of their practicum experience.

ITC/Preschool Experience 1

In this course, the student will participate in a practicum in our Little Wolverine Infant Toddler Center (students must be Covid vaccinated to participate in this course as per state mandate). In addition, students will complete assignments to support their growing understanding of positive guidance strategies, schedules and routines, and age-appropriate environments and activities to support the development for each child. Students who complete this course with a C grade or better are eligible to earn 4 college credits through Lane Community College.

ITC/Preschool Experience 2 - 4

In this course, the student will participate in a practicum in our Little Wolverine Infant Toddler Center and Preschool.. In addition, students will complete two self-chosen, early childhood related research projects to present to the instructor.

Middle School Experience 1 - 4

In this course, the student will participate in a middle school practicum where they will assist their host teacher with daily classroom duties and student learning. Students will also complete journal reflections, observations, and additional coursework to support their growing understanding of the career field of teaching.

English Language Development (ELD)

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
ELD Level 1	ESOL Instructor Consent	9-12	Yes	1.0
ELD Level 2	ESOL Instructor Consent	9-12	Yes	1.0
ELD Level 3	ESOL Instructor Consent	9-12	Yes	1.0
ELD Level 4	ESOL Instructor Consent	9-12	Yes	1.0
ELD Study Hall	ESOL Instructor Consent	9-12	Yes	0.5
ELD Tutor	ESOL Instructor Consent; Must be bilingual	10-12	Yes	0.5

Courses in the English Language Development (ELD) program are designed for English language learners. All courses are taught in English. Spanish bilingual assistance is available. Advanced Spanish is encouraged for Spanish-speaking English language learners (ELLs). Eligible students are tested and placed by the ESOL teacher.

ELD Level 1 - 4

In this course, the student will focus on listening, speaking, reading comprehension and writing skills, as well as U.S. literature and culture. Attention is paid to grammatical structures, language functions and the use of English in school and real world situations.

ELD Study Hall

In this course, the student will be supported in community building, self-reporting and progress monitoring, so that they are empowered to collaborate with their teachers, educators, and others for success. Time will be allotted to complete homework assignments.

ELD Tutor

In this course, the student will have the opportunity to apply bilingual skills in assisting instructors in various subjects.

Digital & Fine Arts

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Advanced Drama	2 semesters of Beginning Drama	10-12	Yes	0.5
Advanced Art	Art Foundations	12	Yes	0.5
Art 1	None	9-12	No	0.5
Art 2	Art 1	9-12	No	0.5
Art Foundations	Art 1	11	No	0.5
AP Computer Science Principles	Computer Science Explorations	11-12	No	0.5
Beginning Drama	None	9-12	Yes	0.5-1.0
Bella Voce	2 semesters of Concert Choir	10-12	Yes	1.0
Ceramics 1	None	9-12	No	0.5
Ceramics 2	Ceramics 1	9-12	No	0.5
Ceramics 3	Ceramics 2	10-12	Yes	0.5
Chamber Choir	Instructor Approval	10-12	Yes	1.0
Computer Basics	None	9-12	No	0.5
Computer Science Explorations	Math 1 & Computer Based Class	11-12	No	0.5-1.0
Computer Science Independent Study	Computer Science Explorations or Instructor Approval	12	Yes	0.5
Concert Band	Previous Band Experience	9-12	Yes	1.0
Concert Choir	None	9-12	Yes	1.0
CTE Cruise	None	9	No	0.5
Cybersecurity	Computer Science Explorations	9-12	Yes	0.5
Digital Illustration 1	None	9-12	No	0.5
Digital Illustration 2	Digital Illustration 1	9-12	No	0.5
Digital Illustration 3	Digital Illustration 2	10-12	Yes	0.5-1.0
Digital Music Production	Multimedia 1 or Web 1	9-12	No	0.5
Graphic Design 1	None	9-12	No	0.5
Graphic Design 2	Graphic Design 1	9-12	No	0.5
Graphic Design 3	Graphic Design 2	10-12	Yes	0.5-1.0

Digital & Fine Arts (cont.)

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
IB Music 1	Co-enrollment in any Performing Ensemble	11-12	No	1.0
IB Music 2	IB Music 1	12	No	1.0
Jazz Choir	Instructor Approval	10-12	Yes	1.0
Jazz Ensemble 1 & 2 & 3	Instructor Approval	9-12	Yes	1.0
Mobile App Development	Video Game Design	10-12	No	0.5
Multimedia 1: Film, Video, and Animation	None	9-12	No	0.5
Multimedia 2, 3 & 4	Multimedia 1	9-12	Yes	0.5-1.0
Photography 1	None	9-12	No	0.5
Photography 2	Photography 1	9-12	Yes	0.5
Python Programming	Computer Science Explorations or Mobile App Development	10-12	No	0.5
Sewing	None	9-12	No	0.5
Symphonic Band	Instructor Approval	9-12	Yes	1.0
Video Game Design	Web 1 or Instructor Approval	9-12	No	0.5
Video Game Development	Video Game Design	10-12	No	0.5
Web 1: Intro to Computer Science	None	9-12	No	0.5
Web Design 2	Web 1	9-12	No	0.5
Wind Ensemble	Instructor Approval	9-12	Yes	1.0
Yearbook 1	Instructor Approval	9-12	No	0.5
Yearbook 2	Yearbook 1	9-12	No	0.5
Yearbook 3	Yearbook 2	10-12	No	0.5
Yearbook 4	Yearbook 3	10-12	Yes	0.5

Advanced Art

In this course, the student will spend time in the studio developing a portfolio of artwork, while also developing greater skills with art materials. Advanced students will work towards outstanding craftsmanship and control of media. The emphasis is on personal creativity and skill development. Students will be given the opportunity for real life applications of their skills including participation in murals. students will work at their own pace to develop skills needed for a career in a visual arts field. Students will finish this course with a resume and portfolio of work.

Advanced Drama

In this course, the student will expand on the skills learned in Beginning Drama. The student will have increased directing and advanced production responsibilities including independent student productions.

Art 1

In this course, the student will study the basics of art history, appreciation and production. The focus of Art 1 will be on the elements and principles of design that are a part of every visual art form. These elements include line, shape, texture, form, color, value and space. Principles of art include symmetry, asymmetry, balance, repetition, rhythm, contrast, emphasis, movement, and variety. These elements and principles will be explored using a variety of media. Art history will be incorporated through the use of famous art masters as exemplars for units. The student will participate in class critiques and discussions about their art. This is a process and goal-orientated class with an emphasis on personal creativity and skill development. This class teaches patience, creative development, tactile skill building and problem solving. Students will be evaluated on an individual basis as they demonstrate new skills and understanding of design elements. Class participation is an essential part of this course.

Art 2

In this course, the student will expand upon the skills learned in Art 1. The elements and principles of art will still be emphasized along with art history. Using a variety of media, students will complete assignments, and discussions. Various cultures will be covered in addition to famous artists. The student will participate in class critiques and discussions about their art. Advanced students will be expected to demonstrate advanced craftsmanship and control of media. This is a process and goal oriented class with an emphasis on personal creativity and skill development. This class teaches patience, creative development, tactile skill building and problem solving. Students will be evaluated on an individual basis as they demonstrate new skills and understanding of design elements. Class participation is an essential part of this course.

Art Foundations

In this course, the student will study the history and social impact of fine art, while also creating hands-on art projects in different art styles. Students will study art history movements, including The Renaissance, Impressionism, Surrealism, Asian art, Abstract art, Egyptian art, Graffiti/street art and Environmental art. They will experience many art mediums such as acrylic paint, India Ink, Spray paint, chalk pastel, charcoal, collage, and watercolor. Students will come away with a greater understanding of civilizations' most profound artworks.

AP Computer Science Principles

In this course the students will explore the discipline and profession of computer science. This course takes a deep dive into computer hardware architecture, the study of algorithms, software design and development, programming languages, data representation and organization, computer networks and security, ethics and the history of computing and its influences on society. Offered Spring Semester only to align with AP Testing. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Beginning Drama

In this course, the student will explore various aspects of drama, with emphasis on basic acting skills. The student will study stage terminology, play reading, theater production, and acting fundamentals.

Bella Voce

In this course, the student will study SA/SSA/SSAA repertoire, music theory principles, and sight-singing. Students will perform a variety of ensemble vocal music from various historical periods and cultures, and in various languages. This group will represent WHS at festivals and competitions and work with guest conductors. The course will provide an intermediate-level group for soprano/alto students, with an interest in bettering their vocal technique and reading skills, who are selected by audition only. All performances are mandatory, and special performance attire is required. Grades are based on standards which encompass daily rehearsal participation, sight-singing and written assessments, part and memory checks, and performances.

Ceramics 1

In this course, the student will be introduced to ceramics and sculpture. A historical overview of ceramics is presented as part of each major lesson. Ceramics lessons include the following: pinch pots, coil technique, slab construction, and potters wheel. Students will create functional ceramic wares such as cups, vases, and bowls. Students will also create decorative pieces such as masks and plaques.

Ceramics 2 & 3

In this course, the student will expand upon skills learned in Ceramics 1 and pursue their interest in pottery and sculpture. Emphasis will be on larger, more complex projects that entail more advanced skills, craftsmanship and attention to detail. The pottery wheel will also be a focus of the class. Art history will be incorporated through the use of famous art masters as exemplars for units. Students will have the opportunity to work independently as well as in groups. The class teaches patience, creative development, tactile skills building and problem solving. Class participation is an essential part of this course.

Chamber Choir

In this course, the student will focus on the skills of healthy vocal development, music theory and sight-singing concepts, and preparation for performances. Students will study and perform a variety of vocal music from various historical periods and cultures. The course will provide instruction in basic vocal technique and general musicianship to all students with an interest in singing. Grades are based on standards which encompass daily rehearsal participation, sight-singing and written assessments, part and memory checks, and performances. All performances are mandatory, and special performance attire is required.

Computer Basics

In this course students will learn a wide range of topics in the computer information technology field including the basics of computer hardware and software, operating systems, word processing, spreadsheets, data management, networking, internet security, and the impact of information technology on individuals and society. This class earns college credit at LCC. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Computer Science Explorations

In this course, the student will use a variety of technologies to develop computer projects for both self-expression and problem solving. The course will introduce students to the creative aspects of programming, abstractions, algorithms, data sets, the Internet, cybersecurity concerns, and computing impacts. This class earns college credit at LCC. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Computer Science Independent Study

In this course students will choose a programming language or topic to explore in-depth. Emphasis is placed on common algorithms and programming principles utilizing standard libraries and relevant industry norms. The course will cover data types, control flow, object-oriented programming, and graphical user interface-driven applications. Upon completion, students should be able to design, code, test, and debug Python, JavaScript, C#, or Swift language programs. Offered for independent study with instructor permission. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Concert Band

In this course, the student will study the fundamentals of musicianship, and performance. Several concerts are performed each year. The student will learn technique, scales, key signatures, and commitment to the band will be the focus of the school year. Previous band experience recommended, no audition required. Attendance at performances is required.

Concert Choir

In this course, the student will demonstrate a serious commitment to improved vocal musicianship and the WHS choral program. This course will provide an advanced large ensemble experience for students who pass through the audition process. Students will preferably enter the course with a more advanced degree of proficiency in vocal technique, music theory, and sight-singing. Students will study and perform a variety of ensemble vocal music from various historical periods and cultures, and in various languages. This group will represent WHS at festivals and competitions and work with guest conductors. All performances are mandatory, and special uniform dress is required. Grades are based on standards which encompass daily rehearsal participation, sight-singing and written assessments, part and memory checks, and performances.

CTE Cruise

In this course, the student will explore many of our Industry pathways through introductory projects led by our Career and Technical Education (CTE) teacher. Each project will introduce students to workplace skills, equipment, and specialized industry knowledge. Programs may include: Automotive, Culinary Arts, Business and Marketing, Woodworking, Child Development and Education, Metals, Computer Science, Digital Manufacturing, Photography, Drafting, and Graphic Design. Each of these programs can be furthered to earn certifications, Career Pathway recognition, college credit, and industry-level experience in future semesters.

Cybersecurity

In this course, the student will be introduced to the concepts in the field of computer security and how it relates to other areas of information technology. Topics include: security threats, hardening systems, securing networks, cryptography, and organizational security policies. As students register for this class it will be labeled as “Computer Projects Lab” on their schedule.

Digital Illustration 1

In this course, the student will explore the fascinating world of digital illustration! They will study the elements and principles of illustration while becoming proficient in industry-standard software, primarily Adobe Illustrator. Through project-based learning, students will practice real-life illustration techniques and create work that demonstrates their new skills and concepts. The course also provides insight into various opportunities within the expanding digital arts field and introduces students to basic color theory. Students will enhance their skills using state-of-the-art computers.

Digital Illustration 2 & 3

In this course, the student will take their digital illustration skills to the next level! Students will work towards mastering industry-standard software, primarily Adobe Illustrator. Project-based learning will deepen their understanding of advanced color theory, perspective, and illustrative narrative. Students will work to improve their skills in this class and build their portfolios.

Digital Music Production

In this course, the student will use professional software to mix and create digital music. Class covers peripheral controllers, audio recordings, multitrack mixing, software instruments, and creating songs. Prerequisite: 11th or 12th grade plus Web 1 or Multimedia 1. Class only runs semester 2. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Graphic Design 1

In this course, the student will explore the exciting world of graphic design! They will learn the elements and principles of graphic design while gaining proficiency in industry-standard software, primarily Adobe Illustrator and InDesign. Through project-based learning, students will have the opportunity to practice real-world graphic design processes and create work that showcases their newly acquired skills and concepts. The course also introduces students to various options and opportunities within the growing design field, while helping them refine their critical thinking and communication abilities. Students will grow their skills on state-of-the-art computers!

Graphic Design 2 & 3

In this course, the students will build on skills and concepts learned in Graphic Design 1. Students will learn and practice working with real clients, including running intake sessions, writing briefs, managing multiple deadlines, participating in critiques, and bringing a job to completion. Most assignments will involve designing deliverables for in-house or community clients. Additional focuses will include marketing, branding, color theory, social media, and professionalism. Students will

improve their skills in industry-standard software, primarily Adobe Illustrator and InDesign.

IB Music 1

In this course, the student will interact with music as a researcher, performer, and creator through experiments, explorations, and presentation. A diverse repertoire of music from local, personal, and global contexts will be studied using four lenses: music for sociocultural and political expression, music for listening and performance, music for dramatic impact, movement and entertainment, and music technology in the digital age. Course is very writing intensive, and requires students to perform, and compose music. Students must have successfully completed two semesters of either band or choir to be eligible for IB Music (or instructor consent). Co-enrollment in a performing ensemble is highly recommended. Can be taken as a 1 year or 2 year course at SL or HL.

IB Music 2

In this course, the student will continue to develop the skills learned in IB Music 1. Students will undertake a collaborative project as a contemporary music maker, inspired by real-life practices in contemporary music making. The project brings together the roles and skills of researcher, creator and performer, as well as the processes of exploration, experimentation and presentation, through a real-life music-making situation within a contemporary setting. Developing, realizing and sharing artistic intentions through practical music-making is at the heart of this project. Very writing intensive.

Jazz Band 1, 2 & 3

In this course the student will cover major styles of big band jazz, including swing, blues, shuffle, Latin, and improvisation. The student will learn jazz articulations, scales, solo improvisation, ensemble and sectional rehearsal techniques. Jazz Ensemble performs at several concerts and events each year. Performances are required. Appropriate concert attire required. Audition required.

Jazz Choir

In this course, the student will be required to audition to participate in an advanced small ensemble environment. All performances are mandatory, and special uniform dress is required. Grades are based on standards which encompass daily rehearsal participation, sight-singing and written assessments, part and memory checks, and performances. The student will perform a range of a cappella repertoire while adhering to high standards of vocal technique, musicianship, and dedication, and intensively study varied SATB literature and refine musicianship skills. They will represent WHS at festivals, competitions, and community events and work with clinicians and guest conductors. Students must also be enrolled in Chamber Choir.

Mobile App Development

In this course, the student will be introduced to application development for web based apps. Students will use advanced software tools, mobile application theory, graphic creation, and computer programming concepts. Students will implement mobile application construction and deploy apps online and on simulated devices. Prerequisites: Web Design 1 or Instructor Approval. College Now credit available through LCC. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Multimedia 1: Film, Video, and Animation

In this course students will be introduced to the technical and creative aspects of media production including background in the fields of video, animation, broadcasting, digital art, audio, and film production. Students apply these fundamentals by participating in fun, hands-on group projects. As students register in this class it may be labeled as “Computer Projects Lab” on their schedule.

Multimedia 2, 3, 4

In these courses students will create advanced video and animation projects. Students also develop video productions for school events, film festivals, clients, and student groups. Industry certifications available in Adobe Premiere and FCPX applications. Prerequisite: previous level of Multimedia. As students register in this class it will be labeled as “Computer Projects Lab" on their schedule.

Photography 1

In this course, the student will use digital cameras, computers, and industry standard software such as Adobe Photoshop and Adobe Lightroom. Students will emphasize the elements and principles of design while creating photographic compositions. Students will also learn industry standard terminology such as F-stops, focal length and depth of field. Students will also explore the artistry, presentation, and history of photography.

Photography 2

In this course, the student will further their knowledge of the elements and principles of design drawing upon experiences and knowledge gained in Photography 1. Students will examine how photography shapes the way we view events, places and people through the analysis of image editing processes, composition techniques, and the ethics of image manipulation. The careers of commercial photography, photojournalism, and fine art photography will also be explored.

Python Programming

In this course, the student will take a deep dive into computer programming in the Python Language. The course covers programming tools, turtle. loops, arithmetic, functions, strings, lists, managing files, and software engineering. College Now Credit for CS161P. Prerequisite: CS Explorations or Mobile App Development. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Sewing

In this course, the student will develop basic sewing skills used to create clothing and accessories. This course focuses on pattern and fabric selection, basic construction techniques, pressing skills, timesaving technologies and techniques. Understanding the proper use of tools and sewing fundamentals will lay the foundation to help in career opportunities or sewing for friends and family. This course introduces students to basic sewing and apparel construction skills. These skills prepare students for the global apparel industry, entrepreneurial opportunities, as well as project management in any field. Students will sew apparel and

accessory projects and mend /repair clothing, to learn the value of repurposing items.

Symphonic Band

In this course, the student will study standard concert band literature, music theory, instrument techniques, musical styles, and sight reading. This ensemble will travel to festivals, competitions, and work with guest conductors and specialists. The course will provide an intermediate/advanced level band experience for students with an interest in improving their instrument technique, sight reading skills, and overall musicianship. There will be a focus on both traditional and contemporary concert band literature. Attendance at all performances is required. Appropriate concert attire required. Private lessons are highly recommended. Audition required.

Video Game Design

In this course the student will explore video game design and development through the creation of several functioning video games. Topics include Game Concepts, How Humans Interface with Video Games, Game Logic, Graphics & Sound, Game Narrative, and Pre-Production Planning. College credit at LCC available. Prerequisites: Web 1 or Instructor approval. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Video Game Development

In this course the student will work with 3D gaming and design concepts toward making and publishing fully functional video games. Students will work with C# programming language, Unity Software, and Blender Design Software. Prerequisite: Video Game Design. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Web 1: Intro to Computer Science

In this course, the student will create multiple examples of engaging computer content - web pages, playable video games, animations, movies, and more. This hands-on course is a fun and easy introduction to the Computer Science or Multimedia Pathways. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Web Design 2

In this course students will plan and design effective web pages; explore content management systems; implement web pages by writing HTML and CSS code; enhance web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and produce functional, multi-page websites. As students register in this class it will be labeled as “Computer Projects Lab” on their schedule.

Wind Ensemble

In this course, the student will study standard concert band literature, music theory, instrument techniques, musical styles, and sight reading. This ensemble will travel to festivals, competitions, and work with guest conductors and specialists. The course will provide an intermediate/advanced level band experience for students with an interest in improving their instrument technique, sight reading skills, and overall musicianship. There will be a focus on both traditional and contemporary concert band literature. Attendance at all performances is required. Appropriate concert attire required. Private lessons are highly recommended. Audition required.

Yearbook 1 - 4

In this course, the student will learn how to write in the journalistic style, conduct interviews, take dynamic photographs, layout and design pages with varying content, properly operate computers and cameras, and work together as a collaborative team to ensure a high quality publication that represents WHS in a positive and accurate way. This course will prepare students to enter the industry of design, photography or journalism or higher education in these fields. It is required that all students attend and cover events and take interviews from students, staff and community members outside of standard school hours. Instructor approval is required for admission.

Health

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Health Office Procedures	Wellness or Sports Medicine	11-12	No	0.5
Medical Terminology	None	10-12	No	0.5
Skills for Healthy Living	None	9	No	0.5
Sports Medicine	Be interested in pursuing a career in the medical field	10-12	No	0.5
Wellness	None	10	No	0.5

Health Office Procedures

In this course, the student will focus on the principles of filing and records management, specifically for the medical facility. Topics include legal and ethical concerns of confidentiality, fundamentals of client reception, appointment scheduling, telephone techniques, letter composition, and filing procedures. Students will also have the opportunity to explore health-related careers and earn their first-aid and CPR certification through Medic First Aid. This course is articulated with LCC for college credit (3 credits)**.**

Medical Terminology

In this course, the student will integrate anatomy and physiology knowledge and enhance their medical research skills. Students interested in health and human resource careers, and the business aspect of health care will benefit from this knowledge. Students will have the opportunity to receive 3 College Now credits at LCC following completion of this course. Medical Terminology is required in the Health Information Technology, Medical Office Assisting, Respiratory Care and EMT programs at the college. The student will learn how to spell, pronounce, define, identify word parts, and correctly use medical terms. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations and symbols are included in the content.

Skills for Healthy Living

In this course, the student will explore basic health factors that contribute to mental, social, and physical well-being. More specifically, students will focus on topics of healthy relationships, human reproduction, sexually transmitted infections, and safe choices. The course will focus on developing skills to analyze influences, make responsible decisions, communicate effectively, and set goals. This course is a graduation requirement.

Sports Medicine

In this course, the student will be introduced to the key concepts of sports health. This course will cover a wide range of topics to introduce the students to the field of sports medicine. Students interested in pursuing the Health Services Pathway or a career in the field of medicine are recommended to take this class, as it will serve as a great foundation for future class offerings in the Health Services Pathway. This course may be taken as an alternative to Wellness. Students will be introduced to concepts covering strength and conditioning, physical fitness assessment, nutrition, first aid & basic life support, injuries, injury prevention and rehabilitation. These topics will provide the basis for understanding how health is integrated in our daily lives and provides the foundation for our long-term well-being. Students will participate in discussions, projects, multimedia lectures with the outcome of increasing the understanding of sports medicine and its direct relationship to quality of life.

Wellness

In this course, the student will focus on the philosophy that both *prevention* and *rehabilitation* are important to lifelong wellness. The course offers the opportunity to explore topics such as goal-setting, risk factors, drug prevention and rehabilitation, prevention of disease, nutrition and fitness, and stress-management. This course is a graduation requirement.

Hospitality & Tourism

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Food Service, Baking & Tourism	None	9-12	No	0.5
Meals	None	9-12	No	0.5
ProStart Culinary 1	Meals or Food Service, Baking, & Tourism	10-12	No	0.5
ProStart Culinary 2	ProStart Culinary 1	10-12	No	0.5
ProStart Culinary 3	ProStart Culinary 2	11-12	No	0.5
ProStart Culinary 4	ProStart Culinary 3	11-12	No	0.5

Food Service, Baking & Tourism

In this course, the student will study basic information needed for obtaining food service and tourism jobs such as baker, hostess, waiter/waitress. The student will learn to use basic equipment and prepare simple foods as they are done in restaurants.The student will bake different foods such as pies, cookies, cinnamon rolls, and pizza. Students in this class may be selected to participate on the WHS culinary team.

Meals

In this course, the student will prepare main dishes, salads, and breads. Pies, cakes, candies & other baked goods will be part of food labs. Students prepare meals, learn time saving techniques, and how to properly organize meals so everything is ready at the same time. Preparing cultural foods is also part of this class.

ProStart Culinary 1

In this course, the student will learn the basic skills needed for obtaining food service and tourism jobs such as: kitchen manager/supervisor, dining room manager, event planner, food supplier as well as train the student in the fundamentals of cooking. This class will include food preparation such as: breakfast foods, sandwiches, salads, garnishes, desserts and baked goods, operation of a restaurant, and menu planning. Students will complete a first year restaurant management program recognized nationally by the National Restaurant Association. Students may be selected for the ProStart Culinary Team.

ProStart Culinary 2 - 4

In this course, the student will develop and practice the necessary skills needed for obtaining food service and tourism jobs such as: kitchen manager, event planner, food supplier as well as acquaint the student in the lodging and tourism industry. The class will include food preparation such as: baked products, cakes, pastries, pies, cookies, chocolate, fruit desserts and tortes, cooking meat and poultry, preparing stocks, soups and sauces. The students will complete the second year of the program and may qualify to earn the National Restaurant Association completion certificate. Students in this class may be selected to participate on the ProStart Culinary Team.

International Baccalaureate

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
IB Chemistry 1	C or better or in Biology or instructor approval	10-12	No	1.0
IB Chemistry 2	IB Chemistry 1, Algebra 2 or higher	11-12	No	1.0
IB Sports, Exercise & Health Science 1	C or better in General Biology or instructor approval	10-12	No	1.0
IB Sports, Exercise & Health Science 2	IB Sports, Exercise, and Health Science 1	11-12	No	1.0
IB English 1	English 10	11-12	No	1.0
IB English 2	IB English 1 or instructor recommendation	12	No	1.0
IB History 1 - Americas	None	11-12	No	1.0
IB History 2 - 20th Century World	IB History 1	12	No	1.0
IB Analysis and Approaches	Advanced Math 3	12	No	1.0
IB Applications and Interpretation	Advanced Math 3	12	No	1.0
IB Psychology 1	None	11-12	No	1.0
IB Psychology 2	IB Psychology 1	12	No	1.0
IB Theory of Knowledge 1	None	11-12	No	0.5
IB Theory of Knowledge 2	IB Theory of Knowledge 1	12	No	0.5
IB Music 1	Instructor Consent, 2nd year of band or choir	11-12	No	1.0
IB Music 2	IB Music 1	12	No	1.0
IB German 1	German 2 or Placement Test	11-12	No	1.0
IB German 2	IB German 1	12	No	1.0
IB Spanish 1	Spanish 2 or Placement Test	10-12	No	1.0
IB Spanish 2	IB Spanish 1	11-12	No	1.0

Due to the rigorous nature of these classes, students who pass will receive a weighted grade in all IB classes in which exams may be taken that year. College credit may be available in IB classes. In order to qualify for college credit, each student must fulfill the in-class assessment requirements and register for the IB exam in that class. Students will receive a mark of 1-7 on these assessments. College credit will then be awarded according to the specific policies set by the college that the students attend. College credit is often available to anyone who scored 5, 6, or 7.

International Baccalaureate

Group 1: Language

IB English 1

In this course, the student will examine the ways in which meaning is made and global issues are explored in a wide range of texts from a variety of cultures and times. We will also hone college-level textual analysis skills. Students will read, interpret, and discuss; write literary and critical analysis; and participate in presentation and discussion exploring both form and function of the works. Proficiency in these skills will be measured through the rigorous standards set by the International Baccalaureate. Because of the nature of the international curriculum, some content may be more mature than in a traditional English 11 course. This course is the first in a two year sequence, and it is taught with the expectation that students are seeking college credit through the IB exams, though students may choose to participate without officially signing up for exams.

IB English 2

In this course, the student will expand on the curriculum begun in IB English 1 and delve deeper into their understanding of language and literature from around the globe. Students will read, interpret and discuss a variety of text types from around the globe; write literary and critical analysis of these texts; and participate in oral presentation and discussion exploring both form and function of the works. Students' proficiency in these skills will be assessed in both written and oral forms throughout the year, culminating in three formal IB exams in the winter and spring.. Proficiency in these skills will be measured through the rigorous standards set by the International Baccalaureate. This course is the second in a two year sequence, and it is taught with the expectation that students are seeking college credit through the IB exams, though students may choose to participate without officially signing up for exams.

Group 2: Second Language

IB German 1

In this course, the student will emphasize fluency in the language through a continued study of additional topics prescribed by the IB program. It will develop students' literacy skills through study of various text types. The course will deepen students' knowledge and understanding of the German speaking countries in comparison to their own. This class will prepare students for the IB test, which earns them College Credit. The class is conducted almost entirely in German. Students will increase their language proficiency skills in reading, listening, writing and speaking, with an emphasis on language production.

IB German 2

In this course, the student will emphasize fluency in the language through a continued study of additional topics prescribed by the IB program. It will develop students' literacy skills through study of various text types. The course will deepen students' knowledge and understanding of the German speaking countries in comparison to their own. This class will prepare students for the IB test, which earns them College Credit. The class is conducted almost entirely in German. Students will increase their language proficiency skills in reading, listening, writing and speaking, with an emphasis on language production. IB test with a score of at least 5 earns students College Credit. IB German 2 earns college credit at Klamath Community College.

IB Spanish 1

In this course, the student will continue the study of the culture and language through reading, writing, speaking and listening. The class is conducted almost entirely in Spanish. Cultural instruction will have a more in depth focus on individual countries. Students will expand vocabulary and grammar knowledge and apply it in a variety of speaking and writing activities. Students will read/view and respond to literary and nonfiction texts, film, and art from the target culture. Students will have the opportunity to prepare for the IB exam. Due to the advanced level of the material, students who pass the course will receive a weighted grade.

IB Spanish 2

In this course, the student will continue to study culture and language through reading, writing, speaking and listening. The students will expand vocabulary and grammar knowledge and apply it in a variety of speaking and writing activities. Students will read/view and respond to literary and nonfiction texts, film, and art from the target culture. Students will have the opportunity to prepare for the IB exam. Due to the advanced level of the material, students who pass the course will receive a weighted grade.

Group 3: Individuals & Societies

IB History 1 - Americas

In this course, the student will study the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources. History is a study that gives people an understanding of themselves and others in relation to the world. This is the first of a two-year course of study that will prepare students to take the IB History exam in May of their senior year. This course will focus in-depth on the histories of the United States, Canada, and Latin America in the 19th and 20th centuries. Specifically, students will

analyze the United States Civil War, the Great Depression, and Civil Rights movements. **Students will** spend time reading, analyzing and writing about material relating to some of the major events of the Americas during the last two centuries. Within each area of study, students will examine the major political, economic and social issues of the time.

IB History 2 - 20th Century World

In this course, the student will focus in-depth on the global history of the 20th Century. Specifically, students will study the Cold War, WWII, Vietnam, and several other conflicts of the 20th century. Students will focus on global geopolitical relationships, diplomacy, and war and conflict. This is the second part of a two-year course of study that will prepare students to take the IB History exam in May of their senior year. Students who choose to take the IB exam will be eligible to earn considerable college credit by successfully passing the exam at a particular threshold.

IB Psychology 1

In this course, the student will examine human behavior and mental processing, through three psychological approaches: biological (evolution, genes, and chemicals), sociocultural (social structures and cultures), and cognitive (mental processes). In addition, the course will introduce research methodology in the field of psychology. Students will develop an enhanced awareness of why we do what we do, think what we think, and feel like we feel. To demonstrate proficiency, the student will be required to show knowledge and comprehension of content and exhibit the ability to think critically about the causes and effects of human behavior.

IB Psychology 2

In this course, the student will examine abnormal behavior and human relationships. This course will provide an opportunity to take what is learned from the study of the approaches to psychology, in IB Psychology 1, and put it into the context of real life applied behavior. In addition, this course will further the study of research methodology with a focus on the creation and reporting of research into a psychological phenomenon. To demonstrate proficiency, the student will be required to show knowledge and comprehension of content and exhibit the ability to think critically about the causes and effects of human behavior. College credit may be earned through achievement on the formal IB Psychology assessment offered through the International Baccalaureate Organization; examination fees may apply.

Group 4: Experimental Sciences

IB Chemistry 1

In this course, the student will explore fundamental concepts of chemistry, the study of matter and change. This course, along with IB Chemistry 2, will prepare students for the IB Chemistry SL exam given in the spring of the second year, and will cover content equivalent to an introductory college chemistry course. The course will focus on an introduction to inorganic chemistry. Topics covered will include scientific measurement and data processing, the nature of matter, atomic structure, periodicity, nomenclature, bonding, chemical reactions, stoichiometry, energetics, and chemical kinetics. Throughout the course, emphasis is placed on laboratory based problem solving and data processing to emphasize the quantitative, experimental, and collaborative nature of chemistry. Where relevant, the course will address issues of international dimension by considering chemistry relative to the individual and in a global context.

IB Chemistry 2

In this course, the student will continue the course of study started in IB Chemistry 1, preparing for the IB Chemistry exam given in May. In addition to the continued reinforcement of the first year curriculum, this course will focus on the following topics: acid base chemistry, electrochemistry, organic chemistry, and biochemistry. Prior to the IB exam, class time will be devoted to content review and exam preparation. A significant amount of class time will be devoted to experimental work. A major component of the course is the Internal Assessment, an individual, laboratory based research project. Students will also complete an interdisciplinary group project in conjunction with the IB Sports, Exercise, and Health Science class. Where relevant, the course will address issues of international dimension by considering chemistry relative to the individual and in a global context.

IB Sports, Exercise, and Health Science 1

In this course, the student will be provided a comprehensive background in human anatomy and physiology, medical terminology, basic cell biology, and microbiology. IB Sports, Exercise and Health Science 1, is an interdisciplinary science that includes areas of biology, math, physics, and chemistry. As such, it provides a unique opportunity providing students with the foundations for understanding their own body and current trends in health technology, developing critical thinking skills required for students entering allied health programs and improving communication, organization, and study skills.
Students should expect to do a minimum of 2-3 hours of homework weekly. If the student plans to attend college or working in the health field, this course is highly recommended. Students may be able to receive 6 hours of college credit through Lane Community College.

IB Sports, Exercise, and Health Science 2

In this course, the student will continue the course of study started in IB SEHS I with a more application based approach while preparing for the IB SEHS exam given in the spring. In addition to the reinforcement of the first year curriculum, this course will focus on nutrition, biomechanics, kinesiology, the classification of skill, and environmental impacts on athletes. A significant amount of class time will be devoted to preparing for the exam and experimental work. A major component of the course is the Internal Assessment, an individual based research project. This class can be used as a gateway to a career in the medical field and is part of the Health Curriculum Pathway**.**

Group 5: Math

IB Analysis and Approaches (AA)

In this course, the student will recognize the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments.

IB Applications and Interpretation (AI)

In this course, the student will recognize the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations.

Group 6: Arts

IB Music 1

In this course, the student will develop knowledge and potential as musicians, both personally and collaboratively. Students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. They also develop aural perception and understanding of music by learning about musical elements, including form and structure, notations, musical terminology and context. Through the course of study, students become aware of how musicians work and communicate. In addition, the course enables students to: enjoy lifelong engagement with the arts, become informed, reflective and critical practitioners in the arts, understand the dynamic and changing nature of the arts, explore and value the diversity of the arts across time, place and cultures, express ideas with confidence and competence, develop perceptual and analytical skills, and develop their knowledge and potential as musicians, both personally and collaboratively. Student must have successfully completed two semesters of either band or choir to be eligible for IB Music (or instructor consent).

IB Music 2

In this course, the student will continue to develop the skills learned in IB Music 1. Students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. They also develop aural perception and understanding of music by learning about musical elements, including form and structure, notations, musical terminology and context. Through the course of study, students become aware of how musicians work and communicate. In addition, the course enables students to enjoy lifelong engagement with the arts, become informed, reflective and critical practitioners in the arts, understand the dynamic and changing nature of the arts, explore and value the diversity of the arts across time, place and cultures, express ideas with confidence and competence, develop perceptual and analytical skills, and develop their knowledge and potential as musicians, both personally and collaboratively.

Core

IB Theory of Knowledge 1 & 2

In this course, the student will consider essential knowledge concepts (like truth) and question knowledge claims in various areas of knowledge: mathematics, natural sciences, ethics, art, history, religion and human sciences. Each of these areas will be analyzed in regards to ways in which people know: reason, emotion, language, perception, faith and intuition. The focal point will be the knowers (students) themselves. This is an interdisciplinary course intended to encourage students to identify and question the issues that arise from their day to day lives as knowers in the world. To demonstrate proficiency, students will be required to exhibit an understanding of the strengths and limitations of knowledge through thoughtful analysis, application, and evaluation.

Language Arts

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
English 9	None	9	No	1.0
English 10	None	10	No	1.0
English 10A	None	10	No	1.0
English 11/12 - Creative Writing	None	11-12	No	0.5-1.0
English 11/12 - Mythology & Religion	None	11-12	No	0.5-1.0
English 11/12 - Outdoor Literature	None	11-12	No	0.5-1.0
English 11/12 - Science Fiction	None	11-12	No	0.5-1.0
English 11/12 - Women's Literature	None	11-12	No	0.5-1.0
English 12 - College & Career Writing	None	12	No	0.5-1.0
IB English 1	None	11-12	No	1.0
IB English 2	IB English 1	12	No	1.0

English 9
In this course, the student will develop skills in reading comprehension, reading interpretation, persuasive and expository writing, vocabulary development, seminar discussion, presentation, language, and study skills. Units of study are organized by text, text type, or theme. Writing instruction focuses on the various stages of the writing process through both formal and informal compositions ranging from well-organized paragraphs to full length essays.

English 10
In this course, the student will continue instruction in reading comprehension, reading interpretation, persuasive and expository writing, vocabulary development, seminar discussion, presentation, language, and study skills. Much like English 9, units of study are organized by text, text type, or theme. Writing instruction focuses on the various stages of the writing process through both formal and informal compositions ranging from well-organized paragraphs to full length essays. Students will also develop skills for timed, in-class writing.

English 10A
In this course, the student will have the opportunity to delve deeper and broader into the study of language and literature. Students in this accelerated course will be challenged and supported as they engage in reading comprehension, interpretation, persuasive and expository writing, vocabulary development, seminar discussion, presentation skills, and advanced study techniques. While units of study, like other sections of English 10, are organized by text, genre, or theme, this accelerated version will cover additional material at a faster pace and target additional levels of the same learning standards. Writing instruction will emphasize the writing process through both formal and informal compositions, ranging from sophisticated paragraphs to in-depth essays, with a focus on refining organizational and rhetorical skills. Students will also develop proficiency in timed, in-class writing scenarios. This course offers an excellent opportunity for students to test their stamina, production capacity, and analytical abilities, is open to all students, and is not a prerequisite for IB English, though it can provide valuable preparation for the rigor and workload of that program.

English 11/12 - Creative Writing
In this course, the student will continue to develop their creative writing skills through storytelling. It is primarily focused on the building blocks of fiction: plot, setting, character development, pacing, tone, style and theme. After covering those literary and figurative devices, students will work on experimenting with their storytelling. Writing will navigate a variety of genres: creative nonfiction, fiction, poetry, and perhaps screenwriting. Students should expect six or seven major assignments per semester. All work will require conferencing effort, and most stories will end in a presentation to the class. Put otherwise, students should expect to share the stories they create in this course.

English 11/12 - Mythology and Religion

In this course, the student will venture into the massive field of historical and modern religions in art and literature. First semester students will dive into the different pantheons and myths of antiquity, while second semester students will explore the common stories of modern religions. We will interpret many interesting text types as we learn about religion and myth in order to better understand references to those stories in the world. Assessments will be broad-ranging, from presentations to essays that go beyond the five paragraph structure. All seniors, regardless of their chosen English course, will be assessed with the common English *Power Standards*. Furthermore, all senior English courses require the same minimum number of assessments –referred to as *sufficiency*- for students to earn an English credit.

English 11/12 - Outdoor American Literature

In this course, this student will delve into the intersection of nature, life and death, and the search for meaningful existence through the lens of American literature. Students will critically examine how each writer's treatment of nature and morality contributes to the broader conversation about what it means to live a meaningful life. Through the works of major American writers, including transcendentalists, modernists, and contemporary authors, the course examines how these themes have shaped and reflected the American experience. The class will address the question: How have American writers grappled with the inevitability of death and the quest for meaning in life and how these philosophies changed over time? All students, regardless of their chosen English course, will be assessed with the common English *Power Standards*. Furthermore, all senior English courses require the same number of assessments –referred to as *sufficiency*- for students to earn an English credit.

English 11/12 - Science Fiction

In this semester-long course, the student will engage in understanding what science fiction is (and is not), be introduced to the impacts that science fiction has had on current culture, reflect on the ethical questions related to modern life, and engage with literature that is both entertaining and interesting. All students, regardless of their chosen English course, will be assessed with the common English *Power Standards*. Furthermore, all senior English courses require the same number of assessments –referred to as *sufficiency*- for students to earn an English credit.

English 11/12 - Women's Literature

In this course, the student will be introduced to various texts from female authors. Students will explore early writing (up to the 19th century) and more modern literature (19th century to present day). The course is intended to be a survey of literature from different cultures and regions around the world and will include short stories, poetry, plays, memoirs, and novels. Students will have the opportunity to research and study areas of interest, while fulfilling the requirements for senior English. All students, regardless of their chosen English course, will be assessed with the common English *Power Standards*. Furthermore, all senior English courses require the same number of assessments –referred to as *sufficiency*- for students to earn an English credit.

English 12 - College & Career Writing

In this course, the student will develop skills that will allow them to be successful in the workplace and in post-secondary education, with an emphasis on supporting students through their college/career application and decision process. This course includes research, oral presentation, academic writing, critical thinking, and reading of non-literary texts. All students, regardless of their chosen English course, will be assessed with the common English *Power Standards*. Furthermore, all senior English courses require the same number of assessments –referred to as *sufficiency*- for students to earn an English credit.

IB English 1

In this course, the student will examine the ways in which meaning is made and global issues are explored in a wide range of texts from a variety of cultures and times. We will also hone college-level textual analysis skills. Students will read, interpret, and discuss; write literary and critical analysis; and participate in presentation and discussion exploring both form and function of the works. Proficiency in these skills will be measured through the rigorous standards set by the International Baccalaureate. Because of the nature of the international curriculum, some content may be more mature than in a traditional English 11 course. This course is the first in a two year sequence, and it is taught with the expectation that students are seeking college credit through the IB exams, though students may choose to participate without officially signing up for exams.

IB English 2

In this course, the student will expand on the curriculum begun in IB English 1 and delve deeper into their understanding of language and literature from around the globe. Students will read, interpret and discuss a variety of text types from around the globe; write literary and critical analysis of these texts; and participate in oral presentation and discussion exploring both form and function of the works. Students' proficiency in these skills will be assessed in both written and oral forms throughout the year, culminating in three formal IB exams in the winter and spring.. Proficiency in these skills will be measured through the rigorous standards set by the International Baccalaureate. This course is the second in a two year sequence, and it is taught with the expectation that students are seeking college credit through the IB exams, though students may choose to participate without officially signing up for exams.

Mathematics

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Advanced Math 3	Math 2	11-12	No	1.0
Algebra 2	Math 2	11-12	No	1.0
AP Statistics	Algebra 2	12	No	1.0
College Trigonometry and Calculus	Advanced Math 3 or Algebra 2	12	No	0.5-1.0
Financial Algebra	None	11-12	No	1.0
IB Analysis and Approaches	Advanced Math 3	12	No	1.0
IB Applications and Interpretation	Advanced Math 3	12	No	1.0
Math 1	None	9	No	1.0
Math 2	None	10	No	1.0
Pi Math	None	11-12	No	1.0
Social Justice Math	None	11-12	No	1.0
Theme Park and Design Math	None	N	No	1.0

Advanced Math 3

In this course, the student will learn skills and content to prepare them to be successful in college level mathematics courses offered at WHS such as IB Analysis and Approaches, IB Applications and Interpretation, and AP Calculus. This course will have an emphasis on topics such as algebraic methods, mathematical modeling, and statistics. Students will develop strong skills in mathematical thinking, real and abstract problem solving, and a deeper learning of mathematics through complex applications that align to student needs and interests. This course is for students interested in future college and career opportunities such as engineering, physical sciences, economics, social sciences, business, psychology, and medicine.

Algebra 2

In this course, the student will extend the learning of algebraic concepts, which began in Math 1. Additional topics covered include irrational and complex numbers, rational functions, polynomial equations, exponential and logarithmic functions. The student will complete daily homework assignments, and students will regularly need a scientific or graphing calculator. In addition to high school credit, students may earn five LCC Math 095 credits for the successful completion of the course. Credits are free to students and families.

AP Statistics

In this course, the student will draw connections between all aspects of the statistical process from designing a study and collecting data to analyzing the data to make conclusions. In addition to high school credit, students may earn college credit through passing the AP test or through LCC's College Now (STAT 243Z). Graphing calculators are used frequently. Those choosing to take the AP exam will be required to pay a fee for this exam. Financial assistance is available when necessary. Due to the advanced level of the material, students will earn a weighted GPA for this course.

College Trigonometry and Calculus

In this course, the student will learn trigonometry for the first semester and differential calculus second semester. In the first semester, students will explore trigonometric functions and their applications as well as the language and measurement of angles, triangles, circles, and vectors. These topics will be explored symbolically, numerically, and graphically in real-life applications. This is a semester class that may be offered as dual credit through Lane Community College and is a 5 credit math class (MTH 112 through Lane).
Differential calculus enables us to calculate rates of change, to find the slope of a curve, and to calculate velocities and accelerations. This is a semester class that may be offered as dual credit through Lane Community College and is a 5 credit math class (MTH 251 through Lane).

Financial Algebra

In this course, the student will focus on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Math 1 and Math 2 to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. This course is designed to help students make connections between Algebra and real world applications to Finance.

IB Applications and Interpretation (AI)

In this course, the student will recognize the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations.

IB Analysis and Approaches (AA)

In this course, the student will recognize the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments.
Course not offered in 2025-26*

Math 1

In this course, the student will build on foundational math concepts and learn skills and content focusing on algebra. Math 1 is the first year of a two-year math sequence for all students. Power standards covered include Linear Equations, Systems of Linear Equations, Functions, Exponential Functions, and Quadratic Functions. This course will provide engaging and hands-on opportunities for students to develop a solid understanding of core mathematics concepts and procedures necessary for future education and careers beyond high school.

Math 2

In this course, the student will build on foundational math concepts and learn skills and content focusing on geometry, statistics, and probability. Math 2 is the second year of a two-year math sequence for all students. Power standards covered include Rigid Transformations, Two-Variable Statistics, Right Triangle Trigonometry, Solid Geometry, Coordinate Geometry, and Conditional Probability. This course will provide engaging and hands-on opportunities for students to develop a solid understanding of core mathematics concepts and procedures necessary for future education and careers beyond high school.

Pi Math

In this course, the student will learn math through the lens of running a business and other real-world applications. Students will build a foundation of skills using many hands-on methods like running a pizza business simulation. Semester 1 activities include costing, designing and making pizzas, washing dishes, finding volume of cylinders and calculating labor costs. Semester 2 activities include researching a stock price, creating a dart-board, and designing a trail mix to sell. Algebra and Geometry skills are used as tools to solve concrete problems, and important foundations for math fluency are often reviewed as we model real world problems with a variety of High School math standards.

Social Justice Math

In this course, the student will apply statistical and proportional reasoning to analyze real-world social inequalities. By comparing different groups and populations through ratios and percentages, we will quantify disparities related to issues such as income distribution, racial inequality, gender gaps, and access to healthcare. Mathematics will be used as a lens and a tool to facilitate understanding of social justice issues, both historical and current, empowering students to use their mathematical skills to critically examine the world around them.

Theme Park and Design Math

In this course, the student will explore the mathematics behind the rides and business activities of a theme park. This class will be a mix of real-world math projects as well as plenty of opportunities for creativity and critical thinking. Topics will include systems of equations/piecewise functions (roller coasters), quadratic functions (slingshot), trigonometry functions (pendulum) and much more. Students will work in teams to create models and simulations of theme park rides or games, and they will participate in a culminating classroom simulation using group designs.

Parenting Education

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Young Mothers and Fathers	This course is offered to pregnant or parenting students	9-12	Yes	0.5
Parenting Experience	This course is offered to pregnant or parenting students.	9-12	Yes	0.5

Young Mothers and Fathers

In this course, the student will learn about child safety and wellness, positive parenting practices, and child development. In addition, students will increase their knowledge of healthy communication skills, stress management, and other related life skills.

Parenting Experience

In this course, the student will learn how to nurture, guide, and provide for the basic needs of babies and toddlers or preschool aged children as part of a practicum in our Little Wolverine Infant Toddler Center or Preschool. In addition, students will complete independent coursework to increase their knowledge of best parenting practices.

Physical Education

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Advanced Athletic Conditioning	None	9-12	Yes	0.5
Lifetime Fitness	None	9-12	Yes	0.5
Personal Fitness & Games	None	9-12	Yes	0.5
Unified P.E.	None	9-12	Yes	0.5
Weight Training	None	9-12	Yes	0.5

Advanced Athletic Conditioning

In this course, the student will use advanced training methods, techniques, and philosophies to enhance the overall health and athletic ability of the student. Muscular strength, speed, agility, power, explosiveness, body composition and flexibility will be the primary focus of this class. There is an emphasis on educating students in how to transfer class to field/court performance. This class is geared towards improving athletic performance.

Lifetime Fitness

In this course, the student will learn about how to live a healthy lifestyle through non traditional physical activity. Students will be provided with information and tools for making informed decisions that will empower them to sustain a healthy lifestyle beyond High School. They will engage in various literature and participate in lifelong activities such as circuit training, mild weight lifting, yoga, dance, range of motion exercises, and body weight exercises.

Personal Fitness & Games

In this course, the student will engage in various fitness activities and competitive games. This class is great for students who enjoy traditional PE. This course includes high intensity fitness and competitive gym games.

Unified P.E.

In this course, the students with and without disabilities will learn how to train and compete together in a variety of team sports. Dedicated to promoting inclusion through shared sports training and competition experiences, Unified PE joins students with varying abilities, training and competing together in a variety of team sports. Modeled after Special Olympics Unified Sports, this class was inspired by a simple principle: training together and playing together is a quick path to friendship and understanding.

Weight Training

In this course, the student will increase their understanding and practical application of resistance training. Subjects within this course include: Weight room safety, proper technique and implementation of resistance training and exercise programming.

Science

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Botany	None	12	No	0.5
Chemistry for Health Careers	Interest in pursuing a health career	11-12	No	0.5
Environmental Science	None	11-12	No	1.0
General Biology	None	10	No	1.0
General Physics	C or better in General Biology and passed Math 1, or instructor approval	11-12	No	1.0
IB Chemistry 1	C or better in General Biology and passed Math 1, or instructor approval	11-12	No	1.0
IB Chemistry 2	IB Chemistry 1	12	No	1.0
IB Sports, Exercise and Health Science 1	C or better in General Biology or instructor approval	11-12	No	1.0
IB Sports, Exercise and Health Science 2	IB Sports, Exercise and Health Science 1	12	No	1.0
Physical Science	None	9	No	1.0
Zoology	None	12	No	0.5

Botany

In this course, the student will explore the biology of plants, focusing on their evolution, care, and importance to humans. Students will study the structure of plants and examine how structure relates to function. The course will also delve into the relationships between plants, humans, and ecosystems, including interactions with both living and non-living factors. Through hands-on plant care, multimedia presentations, readings, videos, labs, and activities, students will develop a comprehensive understanding of plants and their role in the world. The class will culminate in a final project centered on plants.

Chemistry for Health Careers

In this course, the student will explore topics such as taking reliable scientific measurements, understanding the structure and function of biological molecules, metabolic reactions, and the chemical effects of medicines in the body. Through hands-on activities and practical examples, this course connects chemistry concepts to health science, preparing students for success in their future studies and careers. This is a semester-long course designed for students interested in pursuing health science majors or careers in healthcare. This course focuses on the real-world applications of chemistry in health and medicine, providing a strong foundation with the goal of making college-level chemistry more accessible.

Environmental Science

In this course, the student will identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The student will study a variety of topics, introducing them to the study of ecology and earth systems, and to develop an understanding of how the environment relates to them. Students will learn through a variety of methods, from lectures, videos, class discussions, case studies, text readings, environmental models, investigations, and experiments.

General Biology

In this course, the student will explore the following topics: cell structure, cellular energy, cell division, DNA, genetics, bioethics, and evolution. Learning activities will include lectures, laboratories, discussions, videos, group activities, and projects. Students will need teamwork skills, critical thinking skills, and study skills to help them acquire and understand the essential information and concepts.

General Physics

In this course, the student will learn the fundamental laws of physics and their applications. The course will emphasize the role of physics in modern technology, and its relationship to other scientific disciplines. Students will learn by completing a wide range of activities including laboratory investigations, demonstrations, discussions, lectures, small group projects, and text work. This course utilizes Algebra concepts as one of the many tools required to fully understand physics. Students will be given a foundation in the skills necessary to analyze complex real-world problems by using engineering and design skills including modeling and computational thinking to optimize the solution. Added emphasis will be given to critical thinking and problem solving skills within the framework of the topics covered and process of scientific inquiry. This course is highly recommended for any student planning to attend college or pursue careers in any branch of the sciences in particular medicine or engineering.

IB Chemistry 1

In this course, the student will explore fundamental concepts of chemistry, the study of matter and change. This course, along with IB Chemistry 2, will prepare students for the IB Chemistry SL exam given in the spring of the second year, and will cover content equivalent to an introductory college chemistry course. The course will focus on an introduction to inorganic chemistry. Topics covered will include scientific measurement and data processing, the nature of matter, atomic structure, periodicity, nomenclature, bonding, chemical reactions, stoichiometry, energetics, and chemical kinetics. Throughout the course, emphasis is placed on laboratory based problem solving and data processing to emphasize the quantitative, experimental, and collaborative nature of chemistry. Where relevant, the course will address issues of international dimension by considering chemistry relative to the individual and in a global context.

IB Chemistry 2

In this course, the student will continue the course of study started in IB Chemistry 1, preparing for the IB Chemistry exam given in May. In addition to the continued reinforcement of the first year curriculum, this course will focus on the following topics: acid base chemistry, electrochemistry, organic chemistry, and biochemistry. Prior to the IB exam, class time will be devoted to content review and exam preparation. A significant amount of class time will be devoted to experimental work. A major component of the course is the Internal Assessment, an individual, laboratory based research project. Students will also complete an interdisciplinary group project in conjunction with the IB Sports, Exercise, and Health Science class. Where relevant, the course will address issues of international dimension by considering chemistry relative to the individual and in a global context.

IB Sports, Exercise & Health Science 1

In this course, the student will be provided a comprehensive background in human anatomy and physiology, medical terminology, basic cell biology, and microbiology. IB Sports, Exercise and Health Science 1, is an interdisciplinary science that includes areas of biology, math, physics, and chemistry. As such, it provides a unique opportunity providing students with the foundations for understanding their own body and current trends in health technology, developing critical thinking skills required for students entering allied health programs and improving communication, organization, and study skills. Students should expect to do a minimum of 2-3 hours of homework weekly. If the student plans to attend college or working in the health field, this course is highly recommended. Students may be able to receive 6 hours of college credit through LCC.

IB Sports, Exercise & Health Science 2

In this course, the student will continue the course of study started in IB SEHS I with a more application based approach while preparing for the IB SEHS exam given in the spring. In addition to the reinforcement of the first year curriculum, this course will focus on nutrition, biomechanics, kinesiology, the classification of skill, and environmental impacts on athletes. A significant amount of class time will be devoted to preparing for the exam and experimental work. A major component of the course is the Internal Assessment, an individual based research project. This class can be used as a gateway to a career in the medical field and is part of the Health Curriculum Pathway.

Physical Science

In this course, the student will explore foundational concepts of chemistry and physics. Chemistry concepts will include atomic structure, decoding the Periodic Table, chemical bonding and reactions. Physics concepts will include energy, motion and the electromagnetic spectrum. The class will also provide an introduction to the nature of science and the skills that scientists use to build understanding of the natural world. Students will be involved in inquiry-based learning that promotes problem solving skills. At completion, the student will have a basic understanding of the structure, function and properties of the physical world, as well as how the process of scientific discovery works.

Zoology

In this course, the student will study the animal kingdom. Students will learn about classification, body plans, and major invertebrate phyla. Units of study will include porifera, cnidarians, platyhelminthes, nematodes, annelids, mollusks, echinoderms, and arthropods. Students will have opportunities to study living animals in labs and participate in various dissections.

Social Studies

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
American Studies	None	9	No	1.0
AP Human Geography	None	10-12	No	1.0
Black Studies	None	10-12	No	0.5
Current Events	None	11-12	No	0.5
Ethnic Studies	None	11-12	No	0.5
General Psychology	None	11-12	No	0.5-1.0
IB History 1 - Americas	None	11-12	No	1.0
IB History 2 - 20th Century World	IB History 1 - Americas	12	No	1.0
IB Psychology 1	None	11-12	No	1.0
IB Psychology 2	IB Psychology 1	12	No	1.0
IB Theory of Knowledge 1	None	11-12	No	0.5
IB Theory of Knowledge 2	IB Theory of Knowledge 1	12	No	0.5
Law and Ethics	None	10-12	No	0.5
Mock Trial	None	9-12	Yes	0.5
Sociology	None	11-12	No	0.5-1.0
Speech and Debate	None	9-12	Yes	0.5-1.0
U.S. Government and Politics	None	12	No	0.5
World Studies	None	10	No	1.0

American Studies

In this course, the student will investigate important events and issues in United States history. The content of the course will cover from the era of industrialization (late 1800's) through the Vietnam War Era (1960's and 70's). An important goal of the course is to increase students' historical knowledge about the events and issues which have had a profound impact on the United States. Students will evaluate historical issues from different points of view in order to draw their own conclusions about United States history. Ultimately, students will gain an appreciation for the struggles, failures, and successes of previous generations of Americans and make relevant connections to our current world.

AP Human Geography

In this course the student will work at a fast-pace to learn about how human activity affects or is influenced by the earth's surface. This elective course introduces students to spatial concepts, landscape analysis, human social organization, interaction between geographical occurrences and the methods and tools geographers use in their research and applications. Students will have the opportunity to earn college credi**t** by taking the AP Human Geography exam or by meeting the requirements set by Lane Community College. This course is the equivalent of an introductory college level course in human geography. Exam fees may apply. Completion of this course will fulfill the World Studies graduation requirement.
*Course receives a weighted grade.

Black Studies

In this course, students will engage in discussions, explore history through creative projects, and ask questions they have always been curious about. *This class is open for everyone!* Did you know that Africa was home to kingdoms that lasted longer than the Roman and Greek Empires? Or that the first home security system was invented by an African-American? Have you ever wondered about the origins of the 'n-word' or how Black communities shaped Oregon's history? In this course, we'll explore these fascinating stories and much more! This is a hands-on course for anyone curious about history, culture, and the untold stories that connect us all.

Current Events

In this course, the student will study the world we live in today, and will focus on topical issues of importance. Students will analyze contemporary issues within a framework of its historical, social, cultural, and political context. The course will be flexible in nature to accommodate significant current events as they happen, but the general direction of the class will be to study major problems and issues in the world and in the United States. Students will also watch, take notes, and discuss the news during most class periods, and there is an emphasis on the skills necessary to be responsible consumers of information, with a focus on credibility and media bias.

Ethnic Studies

In this course, the student will explore the history and impacts of race and racism on U.S. society. We will study the history of race and prejudice and its current effects on Americans. We will also study history and current events affecting different ethnic and racial groups. This course can be taken for LCC College Now credit. This course can also help students earn a cord in the Human Behavior Pathway. This pathway helps give students background that may be useful for future employment in the fields of Education, Government and Politics, Law Enforcement and Public Safety, and Social Services.

General Psychology

In this course, the student will explore human behavior. Students will participate in a variety of activities, case studies, and discussions to do an in depth exploration into a wide range of topics that include; compliance, bias, memory, attraction, aggression, and emotion. Students will apply their knowledge to real life situations and examples.

IB History 1 - Americas

In this course, the student will study the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources. History is a study that gives people an understanding of themselves and others in relation to the world. This is the first of a two-year course of study that will prepare students to take the IB History exam in May of their senior year. This course will focus in-depth on the United States Civil War, the Great Depression, and Civil Rights movements. Students will spend time reading, analyzing and writing about material relating to some of the major events of the Americas during the last two centuries. Within each area of study, students will examine the major political, economic and social issues of the time.

IB History 2 - 20th Century World

In this course, the student will focus in-depth on the global history of the 20th Century. Specifically, students will study the Cold War, the Cuban Revolution, Vietnam, and several other conflicts of the 20th Century. Students will focus on global geopolitical relationships, diplomacy, and war and conflict. This is the second part of a two-year course of study that will prepare students to take the IB History exam in May of their senior year. Students who choose to take the IB exam will be eligible to earn considerable college credit by successfully passing the exam at a particular threshold.

IB Psychology 1

In this course, the student will examine human behavior and mental processing, through three psychological approaches: biological (evolution, genes, and chemicals), sociocultural (social structures and cultures), and cognitive (mental processes). In addition, the course will introduce research methodology in the field of psychology. Students will develop an enhanced awareness of why we do what we do, think what we think, and feel like we feel. To demonstrate proficiency, the student will be required to show knowledge and comprehension of content and exhibit the ability to think critically about the causes and effects of human behavior.

IB Psychology 2

In this course, the student will examine abnormal behavior and human relationships. This course will provide an opportunity to take what is learned from the study of the approaches to psychology, in IB Psychology 1, and put it into the context of real life applied behavior. In addition, this course will further the study of research methodology with a focus on the creation and reporting of research into a psychological phenomenon. To demonstrate proficiency, the student will be required to show knowledge and comprehension of content and exhibit the ability to think critically about the causes and effects of human behavior. College credit may be earned through achievement on the formal IB Psychology assessment offered through the International Baccalaureate Organization; examination fees may apply.

IB Theory of Knowledge 1 & 2

In this course, the student will consider essential knowledge concepts (like truth) and question knowledge claims in various areas of knowledge: mathematics, natural sciences, ethics, art, history, religion and human sciences. Each of these areas will be analyzed in regards to ways in which people know: reason, emotion, language, perception, faith and intuition. The focal point will be the knowers (students) themselves.
This is an interdisciplinary course intended to encourage students to identify and question the issues that arise from their day to day lives as knowers in the world.
To demonstrate proficiency, students will be required to exhibit an understanding of the strengths and limitations of knowledge through thoughtful analysis, application, and evaluation.

Law and Ethics

In this course, students will learn about and participate in the American Legal System through simulations, case studies, non-fiction reading, and research. We will cover issues like Civic Rights through the Constitution and local statues, Law Enforcement, the Penal System, Criminal Trials, Civil Trials, and more. Major projects include Mock Trial Cases, researching and reporting on a topic of the student's interest, and a visual representation of landmark cases.
Students completing this course will be better prepared to understand, apply, alter, and enforce the laws of our system, and to enter careers in Law, Public Service, Corrections, and more. This course can be taken alone or as part of a Human Behaviors Pathway.

Mock Trial

In this course, students will learn about the American justice system, focusing on courtroom trials. Students will begin learning about the difference between Civil and Criminal trials. After learning how to conduct themselves in a courtroom setting either as a lawyer or witness, students will take part in multiple mock trial cases, with one of them being the Mock Trial Team competition case that year. While taking this course, students will have the option to compete on the Mock Trial team. The class is also a great building block for taking Law & Ethics the following semester.

Sociology

In this course, students will explore society's influence on human behavior. The focus is primarily on American society and students will participate in a variety of activities, case studies, and discussions to do an in depth exploration into a variety of topics that include; culture, education, the criminal justice system, social class and poverty. Students will apply their knowledge to real life situations and examples. This course is a junior/senior level required class for the Human Behavior Pathway.

Speech and Debate

In this course, the student will share stories, tell jokes, and talk with their friends and classmates. Speech and Debate is a full year social studies course that will focus on delivering short speeches, presentations, and arguments. Topics are about current events, political philosophy, and ethical dilemmas. Speech and Debate is a course designed to systematically overcome the fear of speaking publicly in large and small settings. Students will engage in a series of units based on a variety of real-world public speaking forums. The units center around various speech types, debates, mock trials, and other forms of oral presentation. Students will write speeches, compile research for debates, and observe and give feedback on various oratorical presentations.

U.S. Government and Politics

In this course, the student will examine the purpose, structure, and operation of the U.S. Government. Topics include forms of government, federalism, Congress, the Presidency, the Judiciary, political parties, and public policy. Students will engage in round-table discussions and conduct a mock Supreme Court trial. For a final project, students will identify a problem they believe the government has a role in addressing, conduct in-depth research on that issue, then develop and advocate for a detailed policy proposal. The course will endeavor to foster a mentality of active engagement with the political process, and a recognition that government is a primary means by which our society addresses its needs and concerns. Students may earn 4 college credits at LCC.

World Studies

In this course the student will gain background knowledge in geography and the history of the major regions of the world. It will include instruction about the regions of Africa, Asia, Europe and the Americas. It will provide a base of knowledge so students can advance into more detailed Social Studies curriculum areas.

Technology/Applied Arts

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Advanced Construction	Woods 2	10-12	Yes	0.5
Metals 1	None	9-12	No	0.5
Metals 2	Metals 1	9-12	No	0.5
Metals 3	Metals 2	10-12	No	0.5
Metals 4	Metals 3	10-12	Yes	0.5
Automotive 1	Car Care and Small Gas Engine Theory	10-12	No	0.5
Automotive 2	Automotive 1	10-12	No	0.5
Automotive 3	Automotive 2	11-12	No	0.5
Automotive 4	Automotive 3	11-12	No	0.5
Car Care	None	9-12	No	0.5
Design and Manufacturing 1	Woods 1	11-12	Yes	0.5
Design and Manufacturing 2	Design and Manufacturing 1	11-12	Yes	0.5
Digital Manufacturing 1	None	9-12	No	0.5
Digital Manufacturing 2	Digital Manufacturing 1	9-12	No	0.5
Digital Manufacturing 3	Digital Manufacturing 2	10-12	No	0.5
Digital Manufacturing 4	Digital Manufacturing 3	10-12	Yes	0.5
Drafting 1	None	9-12	No	0.5
Drafting 2	Drafting 1	9-12	No	0.5
Drafting 3	Drafting 2	10-12	No	0.5
Drafting 4	Drafting 3	10-12	Yes	0.5
Industrial & Engineering Systems 1	None	11-12	No	0.5
Industrial & Engineering Systems 2	Industrial & Engineering Systems 1	11-12	No	0.5
Industrial & Engineering Systems 3	Industrial & Engineering Systems 2	12	No	0.5
Industrial & Engineering Systems 4	Industrial & Engineering Systems 3	12	No	0.5

Technology/Applied Arts (Cont.)

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Intro to Robotics	None	9-12	Yes	0.5
ProjectsWork 1	Any intermediate or advanced CTE pathway course	11-12	No	0.5
ProjectsWork 2	ProjectsWork 1	11-12	Yes	0.5
Robotics Competition 1	Intro to Robotics	10-12	No	0.5
Robotics Competition 2	Robotics Competition 1	10-12	Yes	0.5
Small Gas Engine Theory	None	9-12	No	0.5
Women in Engineering	None	9-12	No	0.5
Woods 1	None	9-12	No	0.5
Woods 2	Woods 1	9-12	No	0.5
Woods 3	Woods 2	10-12	No	0.5
Woods 4	Woods 3	10-12	Yes	0.5

Advanced Construction

In this course, the student will train in the technical skills and knowledge of the construction industry. A graduate of this course with one or two years of experience can expect to have entry level skills to work in the residential and commercial building construction field. The student will be able to demonstrate basic carpentry skills, identify tools, demonstrate and use industry safety standards, use blueprint reading skills, adequately prepare to enter the workforce at an entry level in the field of construction, and develop a resume, cover letter and job interview skills to be ready for the workforce.

Automotive 1 & 2

In this course, the student will develop a deeper understanding of the engine and its systems while learning the basics of mechanics and electronics. Multimeter use and basic electrical theory is a major part of coursework. Students will complete hands-on work using specialty tools and use technical, professional resources to complete work in the shop. Organization and Safety are major themes incorporated in all units of instruction. This is a year-long course (listed as Automotive 1 and Automotive 2).

Automotive 3 & 4

In this course, the student will learn a basic understanding of brake, suspension, and steering systems through practical experiences, dis-assembling, testing & reassembling system-related components. Emphasis is on developing the student's ability to repair automotive systems through a combination of instruction and hands-on activities in the shop. Use of computerized manuals & other factory-type maintenance manuals are key components of the course. Organization & Safety are major themes incorporated in all units of instruction. All students perform a job shadow or apprenticeships.

Car Care

In this course, the student will participate in classroom and lab activities involved with general maintenance on the automobile. The class is designed for students with no prior experience in mechanics. Skills necessary to perform routine maintenance on the automobile will be covered using both classroom and lab activities. Anyone who plans on driving can benefit from this class.

Design and Manufacturing 1 & 2

In this course, the students will do projects that could include: design a full set of house plans, design and build storage buildings, design and manufacture interior cabinetry, design and manufacture modern furniture, design and mass produce a product for sale. Students will work on individual skills as well as learning to work in teams on projects. The course will have two major areas of focus. One being CAD (computer aided design), this will include using Software which will include Mechanical, Architectural, 3D solidworks design principles. Students will use the design produced in solidworks Software and manufacture (build, construct) their products. Students will have areas of special interest such as civil engineering and do an electronic visual presentation in that area. Students will also have access to apprenticeships in areas of interest.

Digital Manufacturing 1

In this course, the student will cover the basics of using CAD (computer aided design) in fabrication. This course also covers the basics of programming using the Arduino platform. The students will design and print vinyl stickers, use a laser cutter, and a 3D printer. After completion of the required course material students will have time for personal creations.

Digital Manufacturing 2 - 4

In this course, the student will continue developing skills learned in Digital Manufacturing I. Students will be learning CAD (computer aided design) using Rhino 3D software. Students will continue using the 3D printers, laser cutter, and be introduced to CNC (computer numerical controlled) milling. This course is project based and hands-on. At the completion of Digital Manufacturing 1 & 2, students may become eligible for certification in Rhino 3D. Digital Manufacturing 3 and 4 classes will be working to complete projects for the school and outside clients.

Drafting 1

In this course, the student will learn hand sketching techniques, technical hand drawing procedures, as well as CADD (Computer-Aided Design & Drafting) technology using SketchUp, Fusion 360, and AutoCAD. There will be an emphasis on basic drafting fundamentals, use and care of drafting equipment, and methods and processes used by industry. The course will explore industries of architecture, mechanical drafting and engineering past, present and future.

Drafting 2 - 4

In this course, the student will further their abilities in CADD (Computer-Aided Design & Drafting) as well as their knowledge of the industries of architecture, interior design, landscape architecture, public planning, mechanical drafting and engineering past, present and future. The course will prepare the student who is interested in furthering their drafting experiences by continuing the exploration of software from Drafting 1. There will be an opportunity to draw a set of house plans and build physical models by hand.

Industrial & Engineering Systems 1 & 2

In this course, the student will design and build various models and vehicles, and devices to explore industry technology, and career exploration. The course will focus on technology incorporated with science and math. Most of the activities are hands-on projects that the students will design, plan, construct and finally test or use. There may be activities and field trips out of the classroom; which would be outside of regular class time. All students will be taught a basic core level of technology, physics, and job readiness skills. Research outside of the class may be required.

Industrial & Engineering Systems 3 & 4

In this course, the student will design and build another two wheeled electric vehicle and then design and develop a senior project based on a field of industry. These courses take a hands-on approach involving large groups, small groups, individual projects, and career exploration. There will be a focus on industrial technology incorporated with math. The class consists of "hands-on projects" that students design, plan, construct and finally test or use. Students may experience extensive career exploration such as apprenticeships in areas of interest. Research outside of class may be required.

Intro to Robotics

In this course, the student will be introduced to robotics programing and design using Vex Robotics. This is a hands-on class with 2 students per robot. The students will control the Vex Robot through a series of challenges while learning to program. After completion of the required course material students will have time for personal challenges and an introduction to the Tetrix robots used in competition. This course is a prerequisite for Robotics Competition.

Metals 1

In this course, the student will learn 3 types of welding: ARC (shielded metal arc), MIG (Metal Inert Gas/wire welding), and Oxygen fuel (Acetylene gas). Students will also learn basic sheet metal, metal casting (foundry), and blacksmithing.

Metals 2 - 4

In this course, the student will learn TIG welding, continue to build on Arc and MIG welding skills and learn basic machining on the lathe and mill. Most of the tools and equipment we use in this program are industry standard and found in many fabrication facilities. Students may repeat the course for additional credit.

ProjectsWork 1 & 2

In this course, the student will be part of a team of advanced level CTE students who work collaboratively on projects, products, and solutions to meet the needs of teams, organizations, and companies. If you are an advanced manufacturing student, you may be asked to build and design products for a new local park. If you're in multimedia or digital arts, you may work with the business/finance class to help with marketing or media campaigns in and out of the school setting. Your skills and knowledge will be valuable assets as you create solutions and showcase your expertise. Students who have completed intermediate or advanced classes in any CTE Career Pathway are eligible. All registrations will be subject to instructor approval, but all are encouraged to apply.

Robotics Competition

In this course, students will be grouped in teams of 5-6 with the focus of competing in the First Tech Challenge. This is a national competition that occurs in the fall/winter and the challenge is unknown until the first week of school. The students will create a robot and compete in the FTC Challenge. Students will learn design and programing, fabrication, keep an accurate engineering notebook, and interpersonal skills. Focus will be on teamwork and communication.

Small Gas Engine Theory

In this course, the student will delve into the fundamental principles of how small gasoline engines operate, including the engine components, combustion processes, ignition systems, fuel delivery systems, cooling mechanisms, and lubrication. Students will learn how to diagnose common problems and perform basic maintenance procedures on small engines typically found in lawn mowers. This class focuses on understanding the "why" behind engine design and operation rather than solely hands-on repair techniques.

Women in Engineering

In this course, the student will learn the basics of CAD (computer aided design) and apply it to the vinyl cutter, laser cutter, and 3D printer. They will be introduced to metal, wood, and plastic fabrication. They will have projects in chemical, materials, civil, electrical, and mechanical engineering. They will learn how to use and operate safely many types of tools and machinery. This course will focus on introducing young women to the many fields of engineering through hands-on projects, field trips, and guest speakers.

Woods 1

In this course, the student will receive an introduction to woodworking technology. The student will learn basic machine tool processes used in industry, starting from the design application to the construction of small wood projects. Major topic areas include Design, Machine Process, jointry, sanding and finish. The student will be required to fulfill strict safety standards along with completing required projects. Safety instruction will be continuously emphasized and monitored.

Woods 2 - 4

In this course, the student will be required to complete required projects and various skills building exercises. The course will emphasize the process of design, layout of project plans, box construction, drawer and door applications and spray finishing, and the use of plastic laminates in various techniques. Safety instruction is continuously emphasized and monitored.

Student Services

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Daily Living Skills	IEP team decision/recommendation	9-12	Yes	0.5
Essential Skills	IEP team decision/recommendation	9-12	Yes	0.5
Personal English 1	IEP team decision/recommendation	9-12	Yes	1.0
Personal English 2	IEP team decision/recommendation	9-12	Yes	1.0
Personal Math 1	IEP team decision/recommendation	9-12	Yes	1.0
Personal Math 2	IEP team decision/recommendation	9-12	Yes	1.0
Pre-Algebra	IEP team decision/recommendation	9-12	Yes	1.0
Social Skills - Communication	IEP team decision/recommendation	9-12	Yes	0.5
Social Skills - Team Building	IEP team decision/recommendation	9-12	Yes	0.5
Work RR: BTN Work Experience	IEP team decision/recommendation	9-12	Yes	0.5

Daily Living Skills

In this course the student will have access to and practice in applying functional life skills knowledge and instruction may be community-based. The course will focus on skills for adult life, self-determination, interpersonal skills, and problem solving. The student will focus on these specific areas: managing personal finances, mobility training, health/hygiene, buying/preparing/consuming food, nutrition, consumer skills, choosing and accessing transportation, community safety, household skills, social skills, and recreation/leisure skills.

Essential Skills

In this course the student will present and reinforce literacy, mathematical, organization, time management, and social skills necessary to be successful in high school. Remediation of basic skills is integrated into the curriculum. Students will explore, plan and initiate steps required to transition into life after high school. The student will create, track and review literacy, organization, time management, social and career goals. Continued self-assessment will guide students in aligning classes taken and designing activities that bring the student to those goals. Students will also expand literacy, mathematical skills; maintain an organized notebook; create and maintain a time management plan; record daily homework assignments; and explore, develop, track and review social and career goals. Students will be expected to bring questions for needed support and set up a plan to be able to complete homework from other courses.

Personal English 1

In this course the student will develop reading and writing skills needed for success in life. Emphasis may be given to decoding, fluency, reading comprehension, sight-word recognition, and the practical application of reading and writing, as identified on student IEPs.
The student will focus on functional writing and reading skills through various real-life communication methods based on the student's individual student needs.

Personal English 2

In this course the student will develop reading skills needed for success in life. Students will gain confidence with reading and writing tasks through reading novels, short stories and writing clear and concise summaries.
The student will receive support as determined by their IEP and will work towards transitioning to a general education English class. English credit will be earned to satisfy graduation requirements.

Personal Math 1

In this course the student will develop the math skills necessary for success in daily life. Emphasis is placed on the practical application of math and individual goals as identified in student IEPs. The student will practice skills with whole numbers, fractions, decimals, and applied math skills in the areas of money, measurement, time, and problem-solving.

Personal Math 2

In this course the student will develop basic computation skills in whole numbers, fractions and decimals.
The student will practice real world problem solving, money management and personal budgeting.

Pre-Algebra

In this course the student will make the transition from computationally based elementary mathematics to more symbolically based algebra. Emphases of this course are mastering basic skills, ratios, percents, problem solving, signed numbers, order of operations, use of variables, estimation, patterns and functions, elementary geometry, review of whole numbers, fractions, and decimals.
The student will have regular homework assignments as well as in-class assignments and projects. Calculators will not be used in this course. Students will earn an elective credit for Pre-Algebra, and three additional years of math credits will be required.

Social Skills - Communication

In this course the student will cover various social skills including learning to accept criticism, talking to others, respect, accepting consequences, controlling anger, working in groups, team building, and positive community skills.
The student will develop prosocial skills in group and individual settings.

Social Skills - Team Building

In this course the student will cover the “Keys” of Friendship (the skills required to develop and maintain friendship) through team building activities. The student will learn how to work in teams, as well as managing sensory needs and interpret social cues.

Work RR: BTN Work Experience

In this course the student will have access to vocational skills experience and prepare for employment through work duties such as the print shop and recycling. Instruction may be community-based. The student will focus on these specific areas: knowing and exploring employment possibilities, exhibiting appropriate employment skills, skills for seeking, securing, and maintaining employment.

World Languages

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
German 1	None	9-12	No	1.0
German 2	German 1	9-12	No	1.0
IB German 1	German 2	10-12	No	1.0
IB German 2	IB German 1	11-12	No	1.0
Spanish 1	None	9-12	No	1.0
Spanish 2	Spanish 1	10-12	No	1.0
Spanish 2 Heritage	Prior exposure to Spanish, usually through home or within the community	9-12	No	1.0
IB Spanish 1	Spanish 2	10-12	No	1.0
IB Spanish 2	IB Spanish 1	11-12	No	1.0

German 1

In this course, the student will learn about the German language and culture. Students will gain basic skills in four areas; listening, reading, writing and speaking.
The student will be able to communicate in German in limited situations such as ordering in a restaurant, daily greetings, talking about their classes, and family life. Emphasis will be on vocabulary building and conversation in the present tenses. German 1 course fulfills Fine Arts credit requirements for graduation. While taking World Language courses is not a graduation requirement, this class satisfies one year of the 2 year language requirement necessary to enter into a 4 year college.

German 2

In this course, the student will continue the development of the basic skills of speaking, listening, reading and writing of the language. The emphasis will be on increased oral proficiency, writing skills, and grammar development. The class is taught mostly in German, with some English used for explaining aspects of grammar and to access cultural content that is beyond a student's language proficiency level.
The student will further explore the culture of the German speaking countries and broaden their ability to converse and write in the present and past tenses. The goal is to move the student from rote memorization to a place where they can express themselves more freely. The students are encouraged to continue to a third year of study. German 2 course fulfills Fine Arts credit requirements for graduation. While taking World Language courses is not a graduation requirement, this class satisfies one year of the 2 year language requirement necessary to enter into a 4 year college.

IB German 1

In this course, the student will emphasize fluency in the language through a study of various topics prescribed by the IB program. It will develop students' literacy skills through study of various text types. The course will deepen students' knowledge and understanding of the German speaking countries in comparison to their own. The class is conducted almost entirely in the target language. The student will increase their language proficiency skills in reading, listening, writing and speaking, with an emphasis on language production.

IB German 2

In this course, the student will emphasize fluency in the language through a continued study of additional topics prescribed by the IB program. It will develop students' literacy skills through study of various text types. The course will deepen students' knowledge and understanding of the German speaking countries in comparison to their own. This class will prepare students for the IB test, which earns them College Credit. The class is conducted almost entirely in German.
The student will increase their language proficiency skills in reading, listening, writing and speaking, with an emphasis on language production. IB test with a score of at least 5 earns students College Credit. IB German 2 earns college credit at Klamath Falls CC.

Spanish 1

In this course, the student will learn about the Spanish language and culture. Students will gain basic skills in four areas; listening, reading, writing and speaking.
The student will be able to communicate in Spanish in limited situations such as ordering in a restaurant, daily greetings, talking about their classes, and family life. Emphasis will be on vocabulary building and conversation in the present tenses. World Language courses fulfill Fine Arts credit requirements for

graduation. While taking World Language courses is not a graduation requirement, this class satisfies one year of the 2 year language requirement necessary to enter into a 4 year college.

Spanish 2

In this course, the student will continue the development of the basic skills of speaking, listening, reading and writing of the language. The emphasis will be on increased oral proficiency, writing skills, and grammar development.The class is taught mostly in Spanish with some English spoken here and there. The student will further explore culture and broaden their ability to converse and write in the present and past tenses. Students are pushed to think more independently in Spanish 2 and steer away from the rote memorization of Spanish 1. The student is encouraged to continue to a third year of study. World Language courses fulfill Fine Arts credit requirements for graduation. While taking World Language courses is not a graduation requirement, this class satisfies one year of the 2 year language requirement necessary to enter into a 4 year college.

Spanish 2 Heritage

In this course, the student will have been surrounded by Spanish at home or in their community for several years. The student will have the opportunity to build on their Spanish skills through an exploration of popular music, interviews with friends and family, and community contacts. The student will research their family heritage, learn about current issues facing Latinos in the U.S. and abroad, and connect with Latino student resources at the University of Oregon and Lane Community College. This class will be taught in both Spanish and English in order to reflect the bilingual experience of our students. This class satisfies one year of the 2 year language requirement necessary to enter into a 4 year college.

IB Spanish 1

In this course, the student will be emphasizing fluency in the language. The course will further the student's appreciation of the language and culture through more advanced readings, speaking and listening activities.
The student will be expected to speak in Spanish the majority of the time since the class is conducted entirely in Spanish. Spanish 2 is a prerequisite for this class. This class satisfies one year of the 2 year language requirement necessary to enter into a 4 year college.

IB Spanish 2

In this course, the student will continue the study of the culture and language through reading, writing, speaking and listening. The class is conducted almost entirely in Spanish. Cultural instruction will have a more in depth focus on individual countries. The student will expand vocabulary and grammar knowledge and apply it in a variety of speaking and writing activities. Students will read/view and respond to literary and nonfiction texts, film, and art from the target culture. Students will have the opportunity to prepare for the IB exam. Due to the advanced level of the material, students who pass the course will receive a weighted grade.

Miscellaneous

Course Title	Prerequisite	Grade	Repeat for Credit?	Credit
Academic Aide	Department Approval	11-12	Yes	0.5
Leadership	Student Government Officer or instructor approval	9-12	Yes	1.0
Off Campus	Concurrent enrollment and counselor/administrative approval	12	Yes	0.0
Peer Tutor	Counselor/administrative approval	11-12	Yes	0.5
Personal Finance	None	12	No	0.5
Service Learning	Counselor Approval	11-12	Yes	0.5
Sources of Strength	Instructor Approval	9-12	Yes	1.0
Student Success Elective	None	9-12	Yes	0.5-1.0
Teacher Assistant	Department Approval	11-12	Yes	0.0
Wolverine 101	None	9	No	0.5
Wolverine 201	None	10	No	0.5
Work Experience	Counselor Approval	11-12	Yes	0.5

Academic Aide

In this course, the student will work alongside a staff member to gain classroom and/or office experience. Students must obtain approval signatures from the staff member and counselor and return the signed contract to the Counseling Center. This course earns elective credit on a pass/no pass basis and can only be taken for a maximum of 1.0 credit.

Leadership

In this course, the student will focus on developing the leadership potential and abilities of emerging and future student leaders. Students will have the opportunity to learn ways in which they can become successful leaders in their school and community. Various methods will be explored in the planning, implementing, and evaluating of projects related to school and community activities. Students will gain an understanding of practical leadership applications such as goal setting, effective communication skills, decision making, conflict resolution, promoting diversity, and evaluation. Leadership is a required class for all ASB and class officers, grades 9-12. Other students may take the class for elective credit with instructor approval.

Off Campus

In this course, the student will be provided with the opportunity to not have an assigned class. Off Campus is an optional, non-credit period available to 12th-grade students who are on track to graduate. Students may add this period to their schedule with counselor approval. During the Off Campus period, students may study in the Media Center, explore post-secondary options in the College and Career Center, or leave campus. Attendance is not required, giving students the flexibility to manage their time independently as they prepare for life after high school.

Peer Tutor

In this course, the students will work in conjunction with study hall teachers to provide academic support for other students. Specific duties include tutoring students, facilitating students' attendance of teachers' personal assistance time, and providing support to help students be academically successful. The Peer Tutor program enables students of junior or senior standing to provide academic support to others. Peer tutors are placed in study halls, and work with students in specific subject areas or work as liaisons to help connect freshmen with teachers that can provide additional academic support, as needed.

Personal Finance

In this course, the student will learn how to make wise consumer decisions through budgeting, use of checking and savings accounts, automobile purchasing, insurance, responsible use of credit; consumer rights and responsibilities; career exploration; housing options; individual state and federal income tax form completion; investment options; history and use of labor unions and buyer beware issues including fraud and various other consumer education material.

Service Learning

In this course, the students will develop civic responsibility and community engagement skills through structured volunteer experiences. Students are required to secure a volunteer placement and complete a minimum of 60 hours of volunteer service over the semester. Volunteer hours for this course may not be double-counted to fulfill requirements for other commitments, such as National Honor Society, IB, or Honors diplomas. Throughout the course, students will complete reflective assignments to enhance their understanding of community impact and personal growth. This online, asynchronous course is completed off campus and earns elective credit on a Pass/No-Pass basis, with a maximum of 1.0 credit available.

Sources of Strength

In this course, the student will be trained in an upstream suicide prevention program where students are trained to be Peer Leaders and create campaigns to get the school and community involved in activities promoting hope, help, and strength. The program focuses on stories of strength rather than stories of trauma to encourage all of us to look to our strengths to get through the hard times in life.

Student Success Elective

In this course, the student will be supported in community building, self-reporting and progress monitoring, so that they are empowered to collaborate with their teachers, educators, and others for success. Time will be allotted to complete homework assignments.

Teacher Aide

In this course, the student will work alongside a staff member to gain classroom and/or office experience. Students must obtain approval signatures from the staff member and counselor and return the signed contract to the Counseling Center. This course does not earn credit and students can count their class time as volunteer hours. This course can only be taken for a maximum of two semesters.

Wolverine 101

In this course, the student will build valuable camaraderie with a teacher and cohort of incoming 9th graders. In the course, students learn about norms and procedures at WHS, learn ways to get involved, practice and implement the habits of successful students, explore future careers and colleges, learn and practice methods of note-taking and studying that consistently improve outcomes in all courses. Students check grades regularly and make goals for improvement. Half of each W101 class is dedicated to a structured study hall with a teacher in the room who can help students access all of the resources WHS has to offer. W101 is required in fall quarter for all 9th grade students.

Wolverine 201

In this course, the student will reinforce work habits introduced in W101 and to build on this foundation by explicitly teaching deliberate ways of thinking and approaches to learning. The goal of this instruction is to prepare students more effectively for college and career success, as well as success in the rigorous coursework and standardized testing students will encounter at a junior and senior level. The course will incorporate best AVID practices with the IP programme's Approaches to Learning philosophy, while providing opportunities for team building and mentoring. Course work will be targeted to a general and diverse student population, with all W201 course work being completed in class. W201 will substitute for a regular study hall.

Work Experience

In this course, the student will develop and refine their employability skills through assignments that foster self-assessment and exploration of their work experiences. Students must be employed and work a minimum of 60 hours over the semester. As part of the course requirements, students will submit assignments along with proof of employment and hours worked to the Work Experience Coordinator. This online, asynchronous course is completed off campus. It earns elective credit on a Pass/No-Pass basis and can be taken for a maximum of 1.0 credit.

Curriculum Guide Glossary of Terms

Advanced Placement (AP): college-level curricula that colleges and universities may grant placement and course credit to students who obtain high scores on the examinations.

Career and Technical Education (CTE): Educational program that specializes in the skilled trades, applied sciences, modern technologies, and career preparation.

Career Pathway: The course of classes that students are required to take in order to earn a career pathway endorsement (CPE).

Career Pathway Endorsement (CPE): Acknowledgement of the student's exemplary work towards a focused post high school career path. Depending on individual career and academic goals, it helps to prepare students for a 4-year college or a Technical Professional program to enter the workforce directly after high school.

Career Related Learning Experience: Students participate in experiences that connect classroom learning with adult life experiences in the community and/or school relevant to their education plan.

College Now: Students can earn credit through Lane Community College if they earn a B or better in a participating College Now class that is taught at Willamette High School. Most of these credits will transfer to other post-secondary institutions. College Now offerings have expanded into multiple departments at Willamette High School.

College Prep: High school courses that are viewed as a "core" course by colleges and universities. Students will need to complete the college prep courses with a C or better to be eligible to apply for 4 year colleges.

Education Plan and Profile: Students work with school staff to develop a plan that will carry them through high school. Courses are chosen in coordination with students' interests to guide their learning, document academic achievement, and help them progress toward their personal, career, and post-high school goals.

Essential Skills State Requirement: Oregon State graduation requirement to demonstrate proficiency in Reading, Writing and math. Students must meet state benchmarks on the state test for each skill or demonstrate proficiency through work samples or another approved standardized test.

Fine or Applied Art: The application (and resulting product) of artistic design or art that provides aesthetic or intellectual stimulation to the viewer.

International Baccalaureate (IB): An internationally recognized program of challenging college-prep courses available to 11th and 12th graders. Emphasis is placed on internationalism. College credit may be available for passing particular exams.

NCAA Clearinghouse: Is an essential step in becoming eligible to play college sports. The Eligibility Center is the organization within the NCAA that determines the academic eligibility and amateur status for all NCAA DI and DII athletes.

Prerequisite: A class that is required as a condition before taking another course.

Smarter Balanced: A standardized test given to 11th graders every spring that measures reading, writing, listening, math, research and thinking skills. Scores are used to measure which students are on track for post-high school college and career.

Student Success Elective: A class within the school day where students are encouraged by Wolverine Success Coaches to be successful inside and outside of school. WSCs will support students in community building, self-reporting and progress monitoring, so that they are empowered to collaborate with their teachers, educators, and others for success.

Acronyms

AP: Advanced Placement
CN: College Now
CPE: Career Pathway Endorsement
CTE: Career and Technical Education
ELD: English Language Development
IB: International Baccalaureate
ITC: Infant and Toddler Center
LCC: Lane Community College
HL: Higher level
NAIA: National Association of Intercollegiate Athletics
NCAA: National Collegiate Athletic Association
NGSS: Next Generation Science Standards
SEHS: Sports Exercise and Health Science
SL: Standard level
SSE: Student Success Elective
TOK: Theory of Knowledge

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