Bulletin

Welcome

Upper Columbia Academy is committed to admitting students who already have or are willing to experience a personal relationship with God and live a Christian lifestyle.

Mission Statement

By the grace of God, Upper Columbia Academy educates students to develop harmoniously the physical, mental and spiritual powers, inspiring a life-changing relationship with God and the highest service for others.

Philosophy

Upper Columbia Academy is a family of curious learners who believe that true education addresses the potential of the whole person in a balanced development of the physical, mental, spiritual and social dimensions of life.

While we value the rigorous pursuit of knowledge, our main objective is to help students develop a solid Christian character, realize their individual worth as children of God, embrace Christian values, and learn to make principled choices. This goal is best reached in a context of responsible freedom and redemptive discipline. The entire curriculum reflects the world view and the values revealed in scripture. Students are educated to embrace service as a way of life, to be sensitive to the needs of people in the home and society, and to become active members in the church. Young people are encouraged to accept Jesus Christ as Creator, Saviour, Lord and coming King, and to commit their lives to Him.

Communication

The success of UCA depends in a large measure upon the cooperation between parents and the administration. If students voice concern to their parents concerning school matters and feel they were mistreated, parents are asked to notify the administration and withhold judgment until a proper investigation can be made.

Objective

By the grace of God, Upper Columbia Academy will educate students with the following objectives:

Physical

- Healthful living habits
- Appreciation for the value and dignity of labor

Mental

- Strong academic foundations
- Intellectual curiosity
- Critical thinking
- Learning experiences that reflect Seventh-day Adventist values
- Self-motivated life-long learning skills
- Challenge for educational excellence

Spiritual

- Growing knowledge of God as Creator and Sustainer of life
- Development of a Christian Character
- Ethical Christian decision-making
- Utilization of Christian principles in the use of God-given talents
- Appreciation for the Word of God
- Prayer, worship, and faith experience
- Recognition of God's complete ownership

Relational

- Social growth consistent with Biblical standards
- Unselfish service to church, family, and community
- Appreciation of the worth of all people
- Personal mission to take the gospel to the world
- Preparation for the soon return of Jesus

Application

Upper Columbia Academy admits students of any race, color, nationality and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at UCA; including educational policies, admissions policies, and scholarships.

1. To apply for admission:
   - Use the application form in the Bulletin or download it from www.ucaa.org
   - Call (509-245-3680)
   - Write to: Admissions, Upper Columbia Academy, 3025 E. Spangle-Waverly Rd., Spangle, WA 99031-9799

2. After you have completed the application, mail it to: The Registrar, Upper Columbia Academy. A $25 application fee should accompany your application (unless it is postmarked by June 1). Non US residents must include a $100 non-refundable application fee.

3. Have two recommendation forms completed, one by your current principal or teacher and one by your church pastor or another church leader, and mail them to the registrar. Both forms should be completed by someone not related to you.

4. Send a copy of both your birth certificate and social security card to the academy registrar.

Enrollment

1. All new students are required to have their immunizations current and the records turned in by registration day.

2. New students should request that a transcript of their previous schooling be sent to the Registrar's Office. Entering Freshmen should furnish a certificate showing completion of the eighth grade.

3. Register for classes. Registration may be arranged during the summer by making an appointment with the Registrar. A day has been set aside as the general registration (see calendar for date). Students should plan to move into the dorm on registration day.

4. Admission to UCA will not be permitted until entrance fees have been paid and a payment plan has been approved by the Vice-Principal for Finance.

5. All new students entering UCA must have a physical examination.

Photo and Video Release

By registering at Upper Columbia Academy, students authorize the use by the Academy, or anyone authorized by the Academy, of any photographs or videos taken of them while at Upper Columbia Academy, without compensation. All negatives, prints, and photo files shall be considered the property of Upper Columbia Academy.

Finances

What Will it Cost?

TUITION See Financial Information Booklet or www.ucaa.org.
Tuition includes instruction in all classes and the use of facilities and equipment.

ROOM AND BOARD
Room and board charges include dormitory room and all meals in the cafeteria from registration day through graduation weekend.

GENERAL FEE
The Genereal Fee covers accident insurance, dorm clubs, ASB, class dues, yearbook, school newspaper, library, and textbooks. **The General Fee is non-refundable.**

APPLICATION FEE $25 US, $100 for International
The Application Fee is due with all applications from new students. The fee is waived for U.S. residents if the application is postmarked by June 1.

GRADUATION FEE $125
A Graduation Fee is charged to all seniors and covers the cap and gown, stole, tassel, diploma and graduation weekend. There is no refund if a student withdraws from school after the diploma and cap and gown have been ordered.

TRANSCRIPT FEE $10-After the first three
The first three transcripts are free. There is a charge for each additional transcript requested. All transcripts need release approval from the business office. **Transcripts will not be released until the account is paid in full.**

EXTRA CHARGES

- Private dorm room $100/month
- Technology Fee- $100/year
- Day student overnight dorm fee $6/night (no meals included).
- Day students are charged a semester fee for banquets and other special school functions. $100/semester
- Separate arrangements need to be made for meals when day students or guests eat in the cafeteria.
- There is a charge for piano, organ, and string lessons. Voice and band instrument lessons are included in tuition.
- Supplies used in art, music and vocational classes will be billed as additional charges to the student's account.
- Transportation – Airport $20/trip
- Medical, and other necessary town trips. $20/trip
- Acceleration Fee $500
- Ground school or off campus classes will be on a cash basis only and will not be charged to the student's account unless the account is current and arrangements are made with the business office.

REVISION OF RATES
The Board of Trustees reserves the right to revise the published rates without notice.

How Can I Pay for It?

The Billing Process

Tuition, room and board charges are billed in 10 monthly amounts beginning in August and ending in May.

International students, excluding Canada, must pay the full year in advance and are not eligible for discounts, scholarships, or work opportunities.

Work Opportunities

A variety of work opportunities are available to help students pay their school bill and to enrich each student's learning experience.

Employment opportunities are available at the beginning of the school year. Hiring decisions are made based on the student's abilities and interests, and the needs of the school and industries. It is important for students to be on time, make prior arrangements if there is a change in their work schedule, work diligently, and be a loyal employee.

Students who quit or are terminated are not guaranteed immediate placement in another work position.

Employees of UCA are covered by Washington State Workman's Compensation. To receive the benefits of this coverage, it is important that an accident report be filed within 24 hours of an on-the-job accident.

Students are subject to a 90-day probation period, during which they will be paid $6.41 per hour. After successfully completing this 90-day employment probation period, students will be eligible for a pay increase to $7.25 per hour. The pay for student industry workers starts at $8.55 per hour or the current state minumum wage.

Students may choose to have the amount they earn credited to their school bill each month. Students may also elect to receive a regular paycheck. If you and your child do not elect to participate in the direct payment process where earnings are applied automatically to the student's bill, it will be your responsibility to ensure that timely payments of all tuition due is paid to UCA.

Yearly Discount

Those desiring to pay the total yearly basic fees in advance will be granted a 5% discount if tuition and fees are paid by June 15, or 4% if paid by August 1.

Family Discount

A 5% discount on tuition will be granted to each student when there are two students from one family in attendance. A 10% discount on tuition will be granted to each student when there are three or more students from one family in attendance.

New Member Discount

Assistance is available to newly baptized Seventh-day Adventist dormitory or day students who have had no previous Adventist background and will be attending an SDA school for the first time.

This assistance is awarded for three semesters. The amount of assistance is 75%, 50% and 25% of tuition for respective semesters.

Financial Aid

Worthy Student 3-way Scholarship

$160/month $1,600/year

Church contribution matched in the following manner.

$40/month	Local Church
$40/month	Upper Columbia Academy
$80/month	Upper Columbia Conference

Pioneer Scholarship

$80/month $800/year

Church contribution matched in the following manner.

$40/month	Local Church
$40/month	Upper Columbia Academy

Worthy Student 3-Way and Pioneer application form available upon request

Pathways to Success

A private foundation offers scholarships to students new to boarding schools or already enrolled in the Pathway program. There are school year and summer work requirements as well as family income level requirements. Application form available upon request.

Remote and Necessary Grant

$500/semester while eligible

This scholarship is provided by the North Pacific Union Conference of Seventh-day Adventists. It is provided to dorm students from within the NPUC who are under 16 years of age and members of a remote church (one located at least 25 miles away from the nearest Junior/Senior Academy). No application necessary.

Wage-share Sponsorship

This program is designed to allow students to increase the amount they earn per hour by obtaining sponsors to supplement their wages. The sponsor will guarantee a certain amount to be added to the student's base wage on a per month basis. Sponsor forms are available upon request.

What Happens if I Can't Pay?

Finance Charge – There is a monthly finance charge of 1% on all past due accounts.

Transcripts – Transcripts will not be released if there is an unpaid account at UCA.

Diplomas – A student's diploma will not be released from the Registrar's Office until the account is paid in full.

Payment Plans – Should you be unable to pay your monthly financial commitment, please contact the Business Office to make financial arrangements. UCA is willing to work out a financial plan, and regular communication is very important.

Other Financial Information

Student Accident Insurance – Students are provided secondary accident insurance. This means the parent's insurance is primary. Coverage is not provided for transportation charges related to the accident or for subsequent physician or therapist visits. Complete information, including coverage and exclusions, will be provided at the beginning of the school year.

Student Bank – UCA provides a student bank in the Business Office to safeguard a student's money. Money may be withdrawn only with a student's signature. We cannot assume responsibility for money or other articles lost around campus. Students should not keep large amounts of money in their rooms.

Check Cashing – Students may cash checks for modest amounts of cash in the Business Office. The checks should be made out to "Cash" or to the student. Checks made out to UCA will be credited to the student's account.

Refunds – Students who enter late or who are absent for a period of time, but make up back work and receive full credit, will be charged full tuition. A student entering school late will be charged from the beginning of the week in which they enter. A student leaving school will be charged to the end of the week in which they leave. No rebates are made for vacations or time off campus due to discipline.

Canadian Students – All fees must be paid in United States dollars. Please mark your check "U.S. Funds".

International Students – All students who are not from the United States or Canada must pay in advance their total minimum charges for the year. This is due on the day the student enters school.

HOPE Taskforce

With Matthew 25:34-46 in mind, UCA is involved in a significant community service program we call Helping Other People Everywhere Taskforce. The purpose of this program is to educate our students regarding the diverse needs within a community and to teach them to be involved through example and experience. This training will educate our students to be responsible members of their community.

Four school days are set aside each school year for the HOPE Task Force program. On these days, faculty, staff and students are involved in numerous community service projects, each involving approximately four hours of service. Opportunity is given for students to sign up for a project that interests them before they are assigned to a project.

Because community service is a vital part of the curriculum at UCA and because HOPE Task Force days are official school days, attendance is required. Requests to be absent will be processed by Ad Council. If attendance is excused, it will be with the understanding that the student will make up the hours of community service on a school-sponsored project as arranged with the HOPE Taskforce director. An absence due to illness would be made up in the same way.

Academics

Purpose

The desire and purpose of Upper Columbia Academy is to offer quality instruction and excellence in scholastic standards. UCA will schedule students in a program that suits their interests and ability level. In addition, every student is expected to maintain positive academic growth each semester in order to retain attendance privileges.

Transcripts

Transcripts for all previous scholastic work should be mailed directly to:

Registrar
Upper Columbia Academy
3025 E Spangle-Waverly Rd
Spangle WA 99031-9799

Class standing will be based upon transcripts in hand. If a transcript is held by a previous school, the student will not be able to graduate.

Class Load

Thirty-nine credits will be considered the maximum student class load per semester. This includes all subjects bearing credit, including correspondence work. A minimum class load is twenty credits which must include four core classes. (Core classes exclude music, art, and P.E. classes.)

With permission from the Curriculum Committee, a student may carry additional classes provided a 2.5 GPA is maintained with no grade less than a "C" in any subject. The Curriculum Committee reserves the right to limit a student's work or class load if it is deemed necessary.

Semester Credits

Five credits are granted for a class that meets for a minimum of 225 minutes per week for 18 weeks. Ten credits are equivalent to one Carnegie unit.

Correspondence Courses

Any correspondence or summer school course(s) applying towards graduation must have prior approval of the Curriculum Committee. No student shall be approved for a correspondence course except under extraordinary conditions or extenuating circumstances. Correspondence and summer school courses must be taken from educational institutions which are accredited by a regional accrediting agency.

When prior approval for a correspondence course has not been obtained, Upper Columbia Academy has the option of withholding credit. The academy also reserves the right to ask a student to take an appropriate achievement test to ascertain the level of skill achieved.

Any senior taking a correspondence course must have the course completed by the beginning of the second semester of the senior year or will be asked to enroll in an equivalent class on campus. The course must be completed, including the final test, before a senior may participate in the class trip.

A student will not receive a diploma or participate in Commencement until all correspondence work is completed and a final passing grade is on file in the registrar's office.

Acceptance of Students From Home School or Non-accredited Programs

Students transferring from home school or non-accredited programs need to have course-work approved by the Curriculum Committee before credit can be given. The academy reserves the right to test students and place them at the appropriate grade level as indicated by their test scores. No more than 55 credits may be accepted for one school year.

Change of Program

No student will be considered officially registered for or dropped from a class without presenting a properly signed Change of Registration voucher. When dropping a class, the student must attend that class until the voucher has been signed by the parents, the teacher, and the registrar. Classes may be added only during the first two weeks of a semester class or the first week of a quarter class. A student may drop a class up until three weeks prior to the end of the quarter/semester.

A WP/WF grade will be given at the discretion of the teacher to a student who drops a performance class (i.e. band, Choraliers, choir, gym) two weeks into each semester. After the two week period, an F may be recorded on the transcript for the semester grade.

Incompletes

Students who have not completed coursework due to extenuating circumstances may receive an "I" (Incomplete) grade. All work for incompletes must be made up during the following grading period. Any grade of incomplete not changed by this time automatically becomes an "F".

Scholastic Probation

Students who persistently earn low grades may be placed on scholastic probation. Those who violate the conditions of their probation will jeopardize their attendance at UCA.

Grade Point Average Equivalents

Upper Columbia Academy uses GPA equivalents based on Washington State guidelines which calculate pluses and minuses. The following grades and point values are used:

Grade	Point Average
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0.0
I	Incomplete Work
WP	Withdrew Passing
WF	Withdrew Failing
CR	Credit
NC	No Credit

Grading Periods

Upper Columbia Academy operates on the nine-week quarter grading period. Grade reports are issued four times a year. Only semester grades are recorded on the student's permanent transcript. Quarter grades will be recorded for those courses which are designated quarter classes. Mid-term reports are mailed between each nine-week period only when progress is unsatisfactory.

Graduation Requirements

Participation in Commencement is contingent upon a student successfully completing all required and elective courses necessary to earning the minimum number of credits for a general diploma from accredited secondary schools. Attendance at Upper Columbia Academy for the second semester of the senior year is required.

Juniors and seniors involved in major discipline during the last quarter may forfeit participation in graduation services.

Eligibility for honor cords will be determined by the academic standing at the end of the 7th semester. High honor cords are reserved for those with a cumulative 3.75 GPA or above and honor cords are for those with a 3.50 to 3.74 GPA.

For a general diploma a student must have a minimum of 225 credits. To receive a college prep diploma, 250 credits are required. Every student enrolled in an SDA academy must pass 10 semester credits of Bible for each year in attendance.

Diploma Requirements

Required Courses	UCA General	UCA College Prep
Bible	40 Credits	40 Credits
English	40 Credits	40 Credits
Science *	20 Credits	30 Credits
Math #	20 Credits	30 Credits
Health	5 Credits	5 Credits
Keyboarding	5 Credits	5 Credits
Computer Literacy	5 Credits	5 Credits
Foreign Language ~		20 Credits
Northwest History	5 Credits	5 Credits
US History	10 Credits	10 Credits
Senior Social Studies	10 Credits	10 Credits
History Elective		5 Credits
Physical Education	15 Credits	15 Credits
Technology ^	10 Credits	10 Credits
Fine Arts	10 Credits	10 Credits
Electives	30 Credits	10 Credits
Total Credits	225 Credits	250 Credits

1. Ten credits must be in a laboratory science.
2. College Prep: Two years of the same foreign language are required.
3. College Prep: Math courses must be higher than a pre-algebra level and not include Informal Geometry.
4. Technology credits may include Home Ec and Business classes.

Examples of Electives

Math - Algebra II, Advanced Math, AP Calculus	Math - Advanced Math, AP Calculus
Science - Advanced Biology, Chemistry, Physics	Science - Advanced Biology, Chemistry, Physics
History - World Geography	
Technology - Photography I & II, Welding, Woods, Videography	Technology - Photography I & II, Welding, Videography
Home Ec. - Foods, Sewing, Interior Design, Quilting	Home Ec. - Foods, Sewing, Interior Design, Quilting
Business - Desktop Publishing	Business - Desktop Publishing
Fine Arts - Band, Choir, Choraliers, Music Lessons, Art	Fine Arts - Band, Choir, Choraliers, Music Lessons, Art
PE - Leisure Time Activities, Gymnastics, Rec Ski, Backpacking	PE - Leisure Time Activities, Gymnastics, Rec Ski, Backpacking

Typical Class Schedule for General Diploma

Freshman		**Sophomore**	
Bible I	10 Credits	Bible II	10 Credits
English I	10 Credits	English II	10 Credits
Algebra I/General Math	10 Credits	Geometry/Consumer Math	10 Credits
Northwest History	5 Credits	Biology	10 Credits
Keyboarding	5 Credits	Health	5 Credits
ELS/Technology	10 Credits	Northwest History	5 Credits
Freshman PE	8 Credits	Computer Literacy	5 Credits
Fine Arts			
Electives		Sophomore PE	4 Credits
		Fine Arts	
		Electives	

Junior		**Senior**	
Bible III	10 Credits	Bible IV	10 Credits
English III	10 Credits	English IV	10 Credits
US History	10 Credits	Social Studies	10 Credits
Science	10 Credits	PE	
PE		Fine Arts	
Fine Arts		Electives	
Electives			

Typical Class Schedules for College Prep Diploma

Freshman		**Sophomore**	
Bible I	10 Credits	Bible II	10 Credits
English I	10 Credits	English II	10 Credits
Algebra	10 Credits	Geometry	10 Credits
Keyboarding I	5 Credits	Biology	10 Credits
Northwest History	5 Credits	Health	5 Credits
ELS/Technology	10 Credits	History Elective	5 Credits
Freshman PE	8 Credits	Computer Literacy	5 Credits
Fine Arts		Sophomore PE	4 Credits
Electives		Fine Arts	
		Electives	

Junior		Senior	
Bible III	10 Credits	Bible IV	10 Credits
English III	10 Credits	English IV	10 Credits
US History	10 Credits	Social Studies	10 Credits
Algebra II	10 Credits	Science	10 Credits
Foreign Language	10 Credits	Foreign Language	10 Credits
Science	10 Credits	Fine Arts	
Fine Arts		PE	
PE		Electives	
Electives			

Acceleration

Acceleration in a student's program is seldom advisable. The North Pacific Union Education Board has established guidelines for acceleration of academy students into college. Students who plan to accelerate must receive approval by the Curriculum Committee prior to second semester of the sophomore year and should attend Upper Columbia Academy for all three years of their education. There is a $500 fee for acceleration. For information contact the registrar.

Students who accelerate other than by the approved program may be eligible to receive a diploma upon completion of course work, but will not participate in graduation ceremonies.

Class Standing

Freshman: A first year academy student who has completed the eighth grade and is registered for 55 credits.

Sophomore: A second year academy student who has completed 55 credits and will have earned 110 credits by the end of the school year.

Junior: A third year academy student who has completed 110 credits and will have earned 160 credits by the end of the school year.

Senior: A fourth year academy student (and approved accelerated third year student) who has completed 160 credits and whose class load will permit graduation at the end of the school year.

UCA Class Offerings

Art

Drawing
Oil Painting
Pottery
Watercolor

Bible

Bible I
Bible II
Bible III
Bible IV

Business Education

Keyboarding
Desktop Publishing

Computer Science

Computer Literacy

English

English I
English II
English III
English Literature I&II
Journalism
Senior Composition
Speech
AP Language & Composition
English Basics 2
English Basics 3

Home & Family Life

Beginning Foods*
Beginning Sewing*
Child Development**
Creative Cooking**
Essential Living Skills
Fashion Design**
Interior Design*
Needlework**
Quilting*

Mathematics

Pre-Algebra
Algebra I
Algebra II
Consumer Math*
Informal Geometry
Geometry
Advanced Math
AP Calculus

Modern Language

Spanish I
Spanish II

Music

Brass Choir
Trumpet Sextet
Sax Ensemble
Flute Ensemble
Brass Quintet
Concert Band
Choir
Choraliers
Octet
String Ensemble
Music Theory
Music History

Private Lessons

Band Instrument
Guitar
Piano
Strings
Voice

Physical Education

Freshman P.E.
Sophomore P.E.
Archery
Badminton
Basketball
Football
Golf
Gymnastics
Health
Skiing
Softball
Tennis
Boys Varsity Basketball
Volleyball
Weight Lifting
Weight Training

Science

Environmental Science
Biology
Origins/Marine Biology
Anatomy & Physiology
Chemistry
Physics
Forensic Science

Social Studies

Northwest History
World Geography
U.S. History
20th Century History
Civics

Technology

Auto Technology
Exploring Technology
Photography I
Photography II
Stained Glass
Welding I
Welding II
Wood Technology I
Wood Technology II
Computer Aided Drafting
Videography
Aviation Ground School

* 2012-13 School Year
** 2013-14 School Year

Course Descriptions

ART

DRAWING

Units: 2.5, Quarters: 1

Students learn drawing perspective, balance, and shading through the use of pencil, pen and ink, and charcoal. There is a charge for supplies.

OIL PAINTING

Units: 2.5, Quarters: 1

In this class students express themselves with oil paints on canvas. Emphasis is on mixing paints to achieve the right color and incorporating details and shading into their paintings. May be repeated for further credit. There is a charge for supplies.

POTTERY

Units: 2.5, Quarters: 1

In this class students construct their own pottery using the potter's wheel as well as making hand-built items. May be repeated up to 4 times with permission from the instructor. There is a charge for supplies.

WATERCOLOR

Units: 2.5, Quarters: 1

This class is a study of the color wheel and the art of mixing colors. Students apply these principles with the use of water color. There is a charge for supplies.

BIBLE

BIBLE I

Units: 10, Semesters: 2

Using Genesis and The four Gospels as the primary text and the Crossroads Series "In the Beginning God..." and "God's Gift for Our Choice" as secondary texts, this class emphasizes creation, the problem of sin, God reaching for humanity, and salvation as provided for Godly living, and personal devotions.

BIBLE II

(History of God's People)
Units: 10, Semesters: 2

This course traces the history of God's leading from Old Testament times until today, with an emphasis on making Biblical events relevant to today's young people.

BIBLE III

(Bible Doctrines)
Units: 10, Semesters: 2

A study of the major beliefs and practices of the Seventh-day Adventist church, including such subjects as justification and the sin problem, building a relationship with God, major themes of Revelation, the nature of Christ, the Sabbath, and current religious issues.

BIBLE IV

(Facing Life)
Units: 10, Semesters: 2

The purpose of this course is to apply Biblical principles to everyday life and situations. Students will create a philosophy of life, research church history, apply Biblical principles to family life, personal finance, study & practice spiritual disciplines, and study the Book of Hebrews.

* 2012-13 School Year
** 2013-14 School Year

BUSINESS EDUCATION

DESKTOP PUBLISHING

Units: 5, Semesters: 1

Designed for advanced keyboarding and computer students, this class uses Adobe InDesign. Students become acquainted with the basics in good design and page layout. InDesign integrates text and graphics in creating professional documents.

Prerequisite: Computer Literacy

KEYBOARDING

Units: 5, Semesters: 1

This class emphasizes keyboard mastery which will become an invaluable tool for all other classes. Second quarter features production assignments which include letters, memos, tables and reports.

COMPUTER SCIENCE

COMPUTER LITERACY

Units: 5, Semesters: 1

A comprehensive introduction to the computer, this class focuses on Microsoft Office. Areas covered include Word, Excel, Access, PowerPoint and Publisher.

Prerequisite: Keyboarding. Sophomores - Seniors only.

ENGLISH

ENGLISH I

Units: 10, Semesters: 2

English 1 provides the Freshman student with a review of the basics of English grammar and mechanics. Reading literature from several genres for enjoyment and analysis is stressed along with the writing process.

ENGLISH II

Units: 10, Semesters: 2

Sophomore students will review the basic grammar skills studied during the Freshman year. They will study a variety of literature to develop both a taste for good literature and the skills to enjoy what they read.

Prerequisite: English I

ENGLISH III

Units: 10, Semesters: 2

This class is a chronological survey of American writers from the 1600's to modern times. Students increase their ability to recognize and understand literary devices and techniques and gain an appreciation for the country's rich literary heritage. A little writing and grammar review is also included.

Prerequisite: English II

ENGLISH LITERATURE I

Units: 5, Semesters: 1

This class surveys English literature from Anglo-Saxon times through the 17th century, including works by Chaucer, Shakespeare, Milton and Bunyan. The diction and syntax of these early writers require students to be proficient and independent readers.

Prerequisite: Senior

ENGLISH LITERATURE II

Units: 5, Semesters: 1

This class surveys English literature from the 18th century to modern times, including works by Dickens, Wordsworth, Tennyson, and Orwell. English Literature I is not a prerequisite for this course.

Prerequisite: Senior

JOURNALISM

Units: 5, Semesters: 1

This class studies the history of American journalism and the skills necessary for writing different types of news stories. Terminology and ethics are also reviewed along with page layout and broadcast basics. Students have the opportunity to write for the school paper.

Prerequisite: Senior

SENIOR COMPOSITION

Units: 5, Semesters: 1

The focus of this class is to banish wordiness and disorganization and to improve the beauty and clarity of a student's writing. Students write essays, study vocabulary, and overcome common usage problems. Students must realize their writing can be improved and be willing to make changes.

Prerequisite: Senior

SPEECH

Units: 5, Semesters: 1

This "learning by doing" class explores theory and provides experience in the basic components of interpersonal communication, group dynamics and public speaking.

Prerequisite: Senior

ADVANCED PLACEMENT ENGLISH

Units: 10, Semesters: 2

This course is designed to prepare college-bound seniors for the Advanced Placement Exam. Most colleges give credits to students who score at the upper level on this exam. The course focuses on the rhetorical elements of essays and includes grammar review, reading, writing, analysis, and vocabulary. Permission of the instructor by the end of the junior year is required.

ENGLISH BASICS 2 & 3

Units: 10, Semesters: 2

Students review and develop basic grammar and composition skills in a small class setting. Structured reading, comprehension strategies, and vocabulary development are explicitly taught through literature. Students in year one survey a variety of literature from the sophomore literature text. In year two students gain an appreciation for American literary heritage. (Not a College Prep course).

* 2012-13 School Year
** 2013-14 School Year

HOME AND FAMILY LIFE

BEGINNING FOODS*

Units: 2.5, Quarters: 1

This class includes basic food preparation along with nutrition, meal planning, and entertaining. (Lab fee)

BEGINNING SEWING*

Units: 2.5, Quarters: 1

This class includes a study of textiles and basic construction techniques. Emphasis is on garment construction. Students will bring their own fabric and supplies. (Lab fee)

CHILD DEVELOPMENT**

Units: 2.5, Quarters: 1

This course explores a child's physical, mental, and social development from prenatal through school age and includes additional topics such as discipline, child abuse, day care, and effective parenting skills.

CREATIVE COOKING**

Units: 2.5, Quarters: 1

This class includes microwave cooking, international foods, American heritage foods, experimental foods, cake decorating, and holiday cooking. (Lab fee)

ESSENTIAL LIVING SKILLS

Units: 5, Semesters: 1

A course designed to give an overview in homemaking skills. Areas covered include basic food preparation, basic sewing, and other household arts. A required coeducational freshman course, in conjunction with Industrial Arts Exploring Technology. (Lab Fee)

FASHION DESIGN**

Units: 2.5, Quarters: 1

This class includes history of women's fashion and special construction techniques. Emphasis is on garment construction. Students will bring their own fabric and supplies. (Lab fee)

INTERIOR DESIGN*

Units: 2.5, Quarters: 1

A course of study to include the basic principles and elements of design used in decorating a home. Various house styles will also be covered. Students will plan and decorate one house plan for their major project.

NEEDLE WORK**

Units: 2.5, Quarters: 1

This class includes projects in machine embroidery, crochet, knitting, needlepoint, and counted cross stitch. Using machine embroidery software, students may design then stitch out their own art work or personalize existing designs. Students will complete projects from three different areas. There is a charge for supplies used.

QUILTING*

Units: 2.5, Quarters: 1

This class allows students to be creative using various quilting techniques including applique' and piecing as well as hand and machine quilting. Students will complete projects of their choice during the quarter and purchase their own supplies. (Lab fee)

MATHEMATICS

CONSUMER MATH*

Units: 10, Semesters: 2

Consumer math is a course in the practical application of basic mathematics. It renews and enforces previously taught skills by using problem-solving tools in everyday consumer and business applications such as bank statements, tax forms, and insurance.

(not a college prep course)

Pre-Algebra

Units: 10, Semesters: 2

Pre-algebra is a math course emphasizing the basic core goals of general mathematics but with an emphasis on skills leading to preparation for Algebra I.

(not a college prep course)

ALGEBRA I

Units: 10, Semesters: 2

This course emphasizes basic operations for number systems, including equations, inequalities, factoring, graphing, and quadratics. Students are also introduced to plane trigonometry.

ALGEBRA II

Units: 10, Semesters: 2

A course that extends beyond basic algebraic functions into more advanced operations of real and complex numbers, including logarithms, matrices, conic sections, functions and trigonometry.

Prerequisite: Algebra I

ADVANCED MATH

(Analytic Geometry / Trigonometry)
Units: 10, Semesters: 2

This course is designed to get the student ready for college level calculus. Included are such topics as linear relations and functions, theory of equations, sequences and series, polar coordinates and complex numbers, exponential and logarithmic functions, conics, and limits, derivatives, and integrals.

ADVANCED PLACEMENT CALCULUS

Units: 10, Semesters: 2

Equivalent to first quarter of college calculus.
Prerequisite: Instructor's Consent

GEOMETRY

Units: 10, Semesters: 2

A course emphasizing logical proof and characteristics of geometric figures including points, lines, polygons, circles, areas, graphics, basic trigonometric functions, locus and solid figures.

Prerequisite: Algebra I

INFORMAL GEOMETRY

Units: 10, Semesters: 2

A course emphasizing characteristics of geometric figures including points, lines, polygons, circles, areas, graphics, basic trigonometric functions, and their practical applications.

(Not a College Prep course)

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MODERN LANGUAGES

SPANISH I

Units: 10, Semesters: 2

This class introduces the Spanish language and culture. Students will learn the basic grammar, vocabulary, and sentence structure of Spanish and develop basic conversational ability.

SPANISH II

Units: 10, Semesters: 2

Spanish II reviews and builds on the grammar and vocabulary of Spanish I, adding more vocabulary and more complex grammatical structures. There is a stronger emphasis on conversation.

Prerequisite: C or better in Spanish I

MUSIC

MUSIC ENSEMBLES

Music ensembles at Upper Columbia Academy provide music for sacred and secular events at the school and for off-campus appointments. The following ensembles are offered:
Choir - 3 units per semester (no audition needed)
Choraliers - 4 units per semester
Octet - 2 units per semester
Concert Band - 4 units per semester
Brass Choir - l unit per semester
Flute Ensemble - l unit per semester
Brass Quintet - l unit per semester
Saxophone Ensemble - l unit per semester
String Ensemble - 1 unit per semester
Trumpet Sextet - 1 unit per semester
Music Ensembles are Semester Classes.

Prerequisite: Audition and invitation

Music Theory

This course is designed for the student who wants to develop their ability to recognize, understand and describe the basic processes of music that are heard or presented in a musical score. Theory class gives students the basic knowledge of music theory fundamentals, develops their sight reading and sight singing skills, teaches them how to dictate melodies and provides opportunities for composing and analyzing music.

PRIVATE LESSONS

Units: 1.25, Quarters: 4

The following private music lessons are available to any interested students from beginner to advanced levels:

Instrument	String
Voice	Keyboard
Guitar	

Private lessons are quarter classes. Charges for music offerings are included in the tuition for all instruments except violin, piano, and guitar.

PHYSICAL EDUCATION

FRESHMAN P.E.

Units: 4, Semesters: 2

A brief exposure to a variety of individual, dual and team activities. These classes are intended to acquaint students with rules governing various activities and to help students discover their own skill levels.

SOPHOMORE P.E.

Units: 2, Quarters: 4

This class offers fundamental instruction to team sports. Football, basketball, volleyball, and softball are covered throughout the year. Students learn an in-depth knowledge of strategy in these team sports.

GYMNASTICS

Units: 4, Semesters: 2

This course offers a combination of team gymnastics, acrobatics and tumbling. Students are taught team work and learn to trust and count on one another to be successful as a team. No prior gymnastics experience is needed. Tryouts required.

LEISURE TIME ACTIVITIES (LTA)

2 credits per quarter

These classes give opportunity for coeducational instruction in recreational and sporting areas with an emphasis on personal skills, understanding of the rules, and game strategy. These activities have high carryover value and encourage intelligent participation in later life. The present offerings include:

Archery	Skiing (recreational)
Badminton	Golf
Tennis	Volleyball
Gymnastics	Weight Lifting
Backpacking	

Upper classmen will be given first priority.

HEALTH

Units: 5, Semesters: 1

This class is used to introduce and emphasize living healthy lifestyle. The course uses facts and knowledge to promote responsible decision making and an understanding of the consequences of one's choices and actions. (Lab fee for students wanting to be certified in CPR/First Aid)

SCIENCE

ENVIRONMENTAL SCIENCE

Units: 10, Semesters: 2

This course is designed to help students understand the natural world around them from a scientific basis. Students develop decision-making skills necessary in dealing with the interactions between people and the environment. Topics include ecosystems, natural resources, population growth, waste, and energy. (Lab fee)

BIOLOGY

Units: 10, Semesters: 2

Biology is a laboratory course designed to give a survey of the many areas in the life sciences. Some of the topics covered are scientific methods, origins, cell biology, genetics, selected body systems, and ecology. (Lab fee)

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ADVANCED BIOLOGY

Units: 10, Semesters: 1

The first semester is an advanced study of human anatomy and physiology, including the use of biotechnology. Third quarter is an in-depth study of origins. Fourth quarter is a study of marine biology, including a 4-day field trip to the Puget Sound. (Lab fee)

Prerequisite: Biology

CHEMISTRY

Units: 10, Semesters: 2

This laboratory class emphasizes the following basic concepts: atomic structure, the Periodic Table, formulas and nomenclature, balancing equations, stoichiometry, gas laws, solutions and organic chemistry. The course format is based on the assumption that the student will be going into a science-related occupation.

Prerequisite: Algebra 1
Recommended cognate: Algebra II

PHYSICS

Units: 10, Semesters: 2

A study of the concepts of basic physical science including matter, mechanics, heat, sound, electricity, magnetism, light and nuclear relationships. Conceptual understanding and mathematical applications will be stressed.

Prerequisite: Algebra II
Recommended cognate: Advanced Math

FORENSIC SCIENCE

Units: 5, Semesters: 1

Forensic science is a lab-based class which develops knowledge and experience in a broad base of scientific disciplines: chemistry, biology, physics, genetics, and biotechnology. Students develop their skills of observation and analysis. (Lab fee)

Prerequisite: Biology and junior or senior class standing.

SOCIAL SCIENCES

WORLD GEOGRAPHY

Units: 5, Semesters: 1

This course is dedicated to a study of the world around us. The development of the Bible and early Christianity are also examined within a historical context.

NORTHWEST HISTORY

Units: 5, Semesters: 1

A study of the Pacific Northwest from ancient to contemporary times. The course includes discovery, exploration and physical geography as well as human and economic activities in the region and the effect of these activities on the area's future.

UNITED STATES HISTORY

Units: 10, Semesters: 2

This course covers the major events which led to the establishment and development of the United States of America. Study begins with the European discovery of North America (1492) and ends with the United States during the Cold War (1950).

Prerequisite: Junior

20th Century History

Units: 5, Semesters: 1

This is a research based class that examines the history of 20th Century presidents, governmental policies, world leaders, economics, science and technology advancements, lifestyles, war, world events, lifestyles/culture, civil rights/human rights and the arts. Students will learn valuable research techniques while examining each of the 20th Century decades.

Civics

Units: 5, Semesters: 1

Examines the constitution and the structure of the American government, how the constitution embodies the purposes, values, and principles of the American democracy and the roles of the citizen in American democracy. The course also gives a broad overview of Economics with many economic themes being examined. Students will explore the relationships between economics, real-life and governmental policies.

Prerequisite: Senior

TECHNOLOGY

AUTOMOTIVE

Units: 10, Semesters: 2, College Credits: 3

A course designed to acquaint the student with the fundamental operation of the standard automobile. This course of study covers safety, specification, hand tools, power tools, precision tools, engine operations, standard transmissions, electrical systems, drive lines, differential, brake systems, tires and carburetion systems. During the year, students will dismantle, measure for wear, reassemble and tune up engines. This course also includes engine troubleshooting, fuel injection and computer diagnostics. Lab Fee

AVIATION GROUND SCHOOL*

Units: 5, Semesters: 1 College Credits: Available
Course Fee (student keeps all books and supplies.)

Study of basic concepts of aircraft performance, navigation, principles of flight, and meteorology. Upon completion students will be ready to take the FAA exam. (Lab Fee)

COMPUTER AIDED DRAFTING

Units: 10, Semesters: 2 College Credits: 3-5

This course is an introduction to the fundamentals of computer aided design (CAD). Instructional areas include the application of CAD using AutoCAD software as it applies to drawing in a format using the principles of mechanical, architectural, civil and electrical/electronic drawing. (Lab Fee)

5 college credits avaiable

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EXPLORING TECHNOLOGY

Units: 5, Semesters: 1

This course is designed to familiarize students with modern technology. The goals for this class include using technical information and skills for problem solving and utilizing technology in service for others. This is a required coeducational freshman course in conjunction with Essential Living Skills.

PHOTOGRAPHY I & 2

Units: 5, Semesters: 1

Study of basic principles of color and black-and-white photography; includes practice with exposure settings, contact printing and enlarging, and the study of various types of equipment. 35mm camera required. Automatic cameras must have an override for manual operation.

(Lab Fee)

STAINED GLASS

Units: 2.5, Quarters: 1-4

Beginner: The student learns about the basic techniques of using stained glass, and how to work safely. One beginner level project is assigned and the student chooses a simple piece for a main project.

Advanced: Students choose a major project researching and using 3-dimensional, non-glass items, or alternate technique. May be repeated up to four times with permission from instructor, depending upon place availability. (Lab Fee)

WELDING

Units: 10, Semesters: 2

A course designed to acquaint the beginning student with two types of welding. In the first quarter, the student will learn oxy-acetylene welding; in the second quarter the student will learn AC & DC welding. Students will learn how to weld butt, lap, and t-filled joints. Students will also become acquainted with mig welding.

(Lab Fee) 5 college credits available

WOOD TECHNOLOGY

Units: 10, Semesters: 2

A course designed to provide students an opportunity to learn how to work with various kinds of woods and hand tools. Content will include joinery, finishes, adhesives, hardware, cabinet construction, and identification of various hard woods.

(Lab Fee)

VIDEOGRAPHY

Units: 5, Semesters: 1

This course is designed to introduce students to the fundamentals of video production. Students learn basic to advanced camera functions as well as advanced editing techniques including video space, position and timing, capture of audio, and sound effects. This is a project-based class where learning is done through creative practice. (Lab Fee)

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