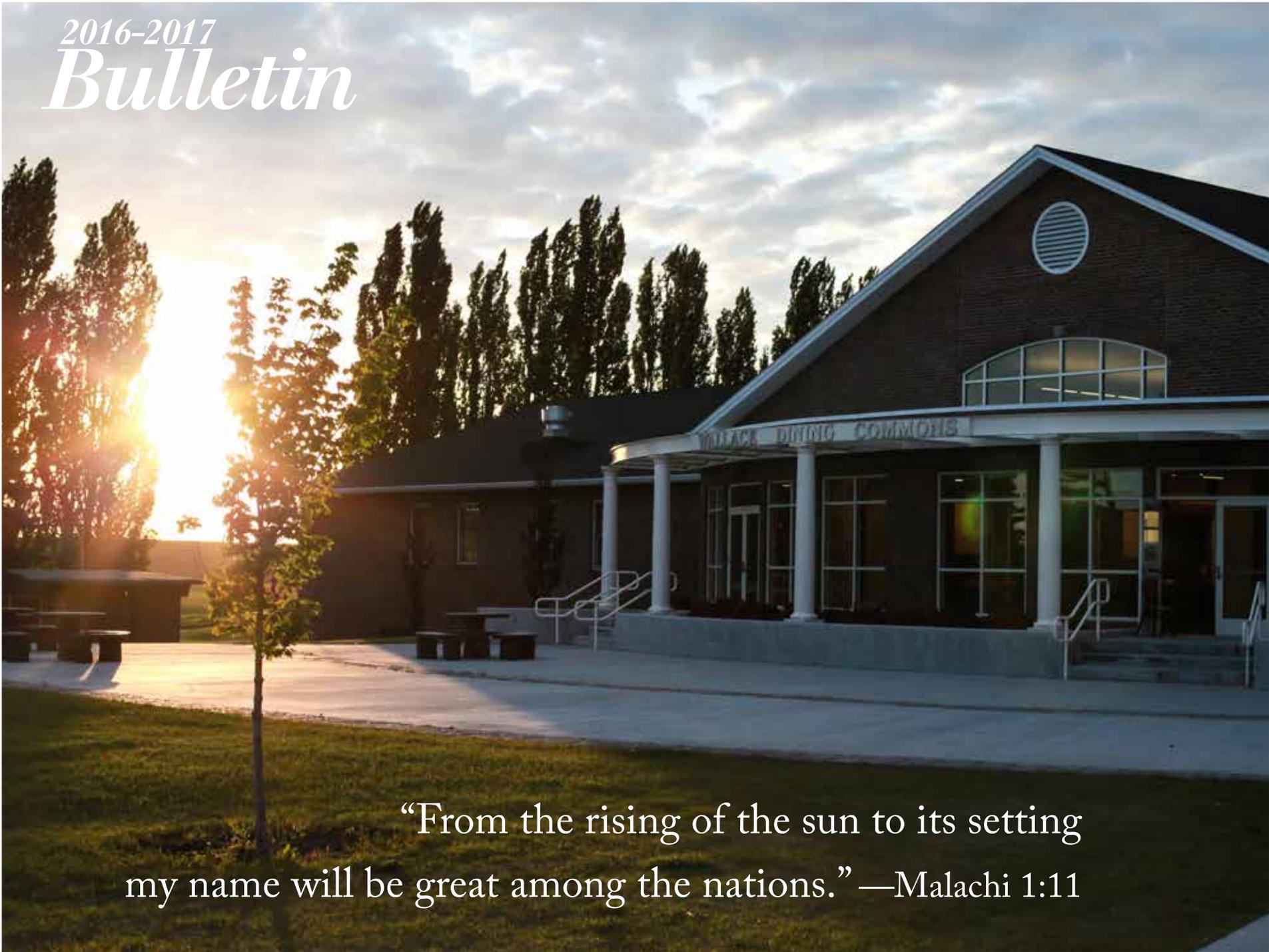


2016-2017
Bulletin

Ronnie Anderson



“From the rising of the sun to its setting
my name will be great among the nations.” —Malachi 1:11

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 objectives are 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. These goals are 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, Savior, 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, admission policies, and scholarships.

1. Ways to apply for admission:
 - Use the application form in the Bulletin or download it from www.ucaa.org
 - Call (509) 245-3600
 - 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: Registrar, Upper Columbia Academy, 3025 E Spangle-Waverly Rd, Spangle, WA 99031-9799. A \$25 application fee should accompany your application (unless it is postmarked by June 1). International 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 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 for 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 UCA, or anyone authorized by UCA, 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 \$9,560

See Financial Information Booklet or www.ucaa.org.

Tuition includes instruction in all core classes and the use of facilities and equipment.

ROOM AND BOARD \$7,214

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

GENERAL FEE \$1,056

The general fee covers accident insurance, dorm clubs, ASB, class dues, yearbook, school newspaper, library, and textbooks. **The general fee is non-refundable.**

TECHNOLOGY FEE \$120

The technology fee covers laptop costs, internet access, internet filtering, computer lab, and email services. **The technology fee is non-refundable**

APPLICATION FEE \$25 U.S. \$100 for International

The application fee is due with all applications from new students. The fee is waived for U.S. residents and Canada 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

- Laptop deposit: \$100
- Private dorm room: \$100/month
- Day student overnight dorm fee: \$6/night (no meals included)
- Day students are charged an event fee for banquets and other special functions: \$50/semester
- Day students may purchase an optional lunch plan: \$100/month
- Separate arrangements need to be made for meals when day students or guests eat in the cafeteria.
- Testing fees (AP, PSAT, SAT, ACT)
- There is a charge for guitar, piano, 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.
- Home leave transportation costs
- Transportation – Airport: \$25/trip; an additional \$5 if flight leaves or arrives before 9:00 a.m. or after 9:00 p.m.
- Medical and other necessary town trips: \$25/trip
- Acceleration fee: \$500
- 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 and 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 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 working for the school will be eligible for the current Federal Minimum wage. The pay for student industry workers starts at the current Washington State minimum wage.

Yearly Discount

Those who wish to pay the total yearly basic fees in advance may be granted a discount. Please check with the business office for details.

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.

Tuition Incentive Plus (TIP) Discount

Available to all students, the TIP program offers progressive discounts to make UCA financially accessible. All students pay full tuition their first year. The second year a student returns, tuition is discounted 20%; third year 30%; and fourth year discount is 50%. TIP discounts apply to tuition only. Other costs such as the general fee and room and board are not eligible for TIP discounts.

The student's account must be paid in full prior to the school year in order to qualify for TIP. Eligibility is based on completion of a full year of attendance the prior school year, or will be prorated on a quarterly basis. TIP discounts will be applied regardless of scholarships, labor earnings, or any other financial assistance, and will be specifically outlined in the student's financial plan.

The TIP program will be formally renewed from year to year by the UCA Board of Directors and is subject to change. Students will be guaranteed the applicable discount for the following school year and will continue receiving future TIP discounts until the program is adjusted by the board.

Financial Aid

There are a variety of financial resources available based on need and merit. Please contact the business office for more details.

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 – UCA is willing to work out a financial plan, and regular communication is very important. All accounts must be kept current. Should you be unable to pay your monthly financial commitment, please contact the business office immediately to make mutually acceptable financial arrangements. After a student's account is two months in a "past due" status, the student will likely be asked to withdraw from school.

Other Financial Information

Student Accident Insurance – Students are provided secondary accident insurance. This means the parent's insurance is primary. Student Accident Insurance does not cover UCA transportation charges associated with a covered accident. 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 registration day.

HOPE Taskforce

With Matthew 25:34-46 in mind, UCA is involved in a significant community service program we call HOPE (Helping Other People Everywhere) Taskforce. The purpose of this program is to educate our students regarding the diverse needs within a community and to inspire 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 Taskforce program. On these days, faculty, staff, and students are involved in numerous community service projects, each involving approximately 4 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 Taskforce 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 20 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 Credit

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 toward 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 coursework 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. Students must attend class until all paperwork has been completed and received by 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, Gymnastics, Strings) 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.”

Academic Mentoring Program

Our goal at UCA is to provide the best education we can for each student. To encourage academic success, we have established a 3-step program which provides mentoring and support to students who are struggling. Parents may also request tutoring at their own discretion.

Academic Monitoring:

Students who receive one “D” at a mid-term or quarter marking period will be placed on “academic monitoring.” The tutoring director will watch their grades carefully and provide counsel as needed. Students who have been put on academic monitoring may be required to attend tutoring if deemed appropriate.

Academic Restriction:

Students who receive two or more “D’s” or one “F” at a mid-term or quarter marking period will be placed on “academic restriction.” Academic restriction includes monitoring as well as **required** tutoring and dormitory restrictions. Failure to attend scheduled tutoring appointments will result in detention.

Academic Probation:

*Students who receive two or more “F’s” at a quarter marking period will be placed on “academic probation.” A meeting will be called with the student and his/her parents and a contract will be written. Academic probation includes all the requirements of academic restriction. In addition, the student must attend all classes, complete homework, and show progress over the next 9-week period. The student’s overall program will be evaluated in two-week intervals and he/she will be counseled accordingly. Students who persistently earn low grades or violate the conditions of their probation may jeopardize their attendance at UCA.

*Minimal exceptions to this policy may be made for extenuating circumstances.

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
P	Pass with credit No GPA points
WP	Withdrew Passing
WF	Withdrew Failing
NC	No Credit

Grading Periods

Upper Columbia Academy operates on a 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 earn 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 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. **Beginning with the class of 2019, students will need 240 credits to graduate.**

Diploma Requirements

Required Courses	UCA General	UCA College
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
Computer Applications	10 Credits	10 Credits
Foreign Language		20 Credits
World Geography	10 Credits	10 Credits
U.S. History	10 Credits	10 Credits
Senior Social Studies	10 Credits	10 Credits
Physical Education	15 Credits	15 Credits
Technology	10 Credits	10 Credits
Fine Arts	10 Credits	10 Credits
Electives	30 Credits	10 Credits

Ten credits must be in a laboratory science.

Technology credits may include Home Ec and Business classes.

College Prep: Two years of the same foreign language are required.

College Prep: Math courses must be higher than a Pre-Algebra level and not include Informal Geometry.

Examples of Electives

UCA General

Fine Arts – Art, Band, Choir, Choraliars, Music Lessons

Home Ec - Foods, Quilting, Sewing

Math - Algebra II, Advanced Math, AP Calculus

PE – Backpacking, Gymnastics, Leisure Time Activities, Rec Ski

Science - Advanced Biology, Chemistry, Physics

Technology – CAD, Welding, Woods, Videography

UCA College Prep

Fine Arts – Art, Band, Choir, Choraliars, Music Lessons

Home Ec - Foods, Quilting, Sewing

Math - Advanced Math, AP Calculus

PE - Backpacking, Gymnastics, Leisure Time Activities, Rec Ski

Science - Advanced Biology, Chemistry, Physics

Technology – CAD, Welding, Woods, Videography



Tamara Terry

TYPICAL CLASS SCHEDULE FOR GENERAL DIPLOMA

Freshman

Algebra I/Integrated Algebra	10 Credits
Bible I	10 Credits
Computer Applications	10 Credits
ELS/Technology	10 Credits
English I	10 Credits
Freshman PE	8 Credits
Physical Science	10 Credits
Electives	
Fine Arts	

Sophomore

Bible II	10 Credits
Biology	10 Credits
English II	10 Credits
Geometry/Informal Geometry/ Consumer Math	10 Credits
Health	5 Credits
World Geography	10 Credits
Sophomore PE	4 Credits
Electives	
Fine Arts	

Junior

Bible III	10 Credits
English III	10 Credits
Science	10 Credits
U.S. History	10 Credits
Electives	
Fine Arts	
PE	

Senior

Bible IV	10 Credits
English IV	10 Credits
Social Studies	10 Credits
Electives	
Fine Arts	
PE	

TYPICAL CLASS SCHEDULE FOR COLLEGE PREP DIPLOMA

Freshman

Algebra I	10 Credits
Bible I	10 Credits
Computer Applications	10 Credits
ELS/Technology	10 Credits
English I	10 Credits
Freshman PE	8 Credits
Physical Science	10 Credits
Electives	
Fine Arts	

Sophomore

Bible II	10 Credits
Biology	10 Credits
English II	10 Credits
Geometry	10 Credits
Health	5 Credits
World Geography	10 Credits
Sophomore PE	4 Credits
Electives	
Fine Arts	

Junior

Algebra II	10 Credits
Bible III	10 Credits
English III	10 Credits
Foreign Language	10 Credits
Science	10 Credits
U.S. History	10 Credits
Electives	
Fine Arts	
PE	

Senior

Bible IV	10 Credits
English IV	10 Credits
Foreign Language	10 Credits
Science	10 Credits
Social Studies	10 Credits
Electives	
Fine Arts	
PE	

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.

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



Jennifer Pomilus

Computer Science

Computer Applications

English

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

Health

Health



Joanne Knack

Home & Family Life

Beginning Foods*
Beginning Sewing*
Child Development**
Creative Cooking**
Creative Home-Making**
Essential Living Skills
Needlework**
Quilting*
The Science of Baking*

*Odd Graduation Year
**Even Graduation Year



Kayli Kramer

Mathematics

Advanced Math
Algebra I
Algebra II
AP Calculus
Consumer Math*
Geometry
Informal Geometry**
Integrated Algebra

Modern Language

Spanish I
Spanish II

Music

Choir
Choraliers
Concert Band
Instrumental Ensembles
Music Theory Dual Credit
Octet
String Orchestra

Private Lessons

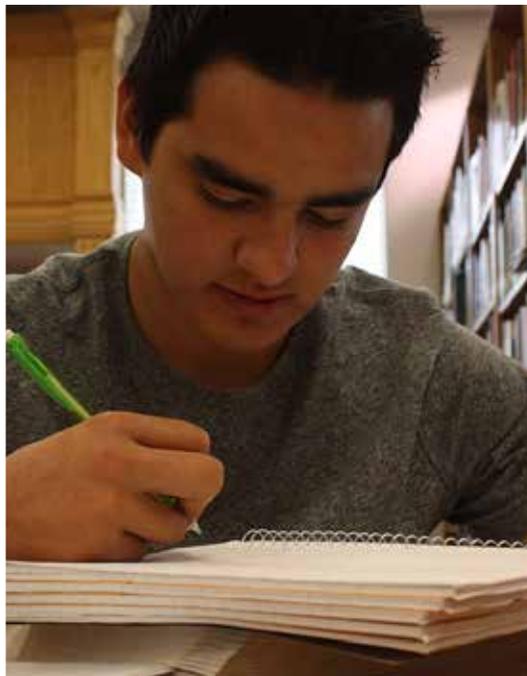
Brass
Cello
Guitar
Keyboard
Percussion
Violin & Viola
Voice
Woodwinds

Physical Education

Backpacking
Badminton
Boys' Varsity Basketball
Girls' Varsity Basketball



Joanne Krick



Jennifer Pontius

F.I.T.
Freshman P.E.
Golf
Gymnastics
Racquet Sports
Running
Skiing
Sophomore P.E.
Strength Training

Science

Anatomy & Physiology
Anatomy & Physiology Dual Credit
Biology
Chemistry
Origins/Marine Biology
Physical Science
Physics

Social Studies

Civics
Personal Law & Finance
U.S. History
World Geography

Technology

Automotive Technology
Computer Aided Drafting
Exploring Technology
Stained Glass
Videography
Welding Technology
Wood Technology
Yearbook

*Odd Graduation Year
**Even Graduation Year



Joanne Krick



Course Descriptions

ART

DRAWING

Units: 2.5 Quarters: 1

In this class, students learn perspective, balance, and shading through the use of pencil, pen and ink, and charcoal. May be repeated for additional credit. (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 additional 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 for additional credit. (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 watercolor. May be repeated for additional credit. (There is a charge for supplies.)

BIBLE

BIBLE I

(A God Worth Knowing)

Units: 10 Semesters: 2

This course uses the NAD Encounter Bible Series and focuses on the origins of life (Creation & Genesis) and the Life of Jesus (Matthew, Mark & Luke). Together we will

answer the big questions of the existence of God, our human origins, the significance of Jesus, how to have a personal relationship with the God of the universe, and our role in "The Great Controversy" between God & Satan. We will discover the gift God has given us through the Sabbath, review the stories of grace in the Old Testament and realize we serve a loving God who forgives in spite of failure.

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

This is 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 John and 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, apply Biblical principles to family life and personal finance, study and practice spiritual disciplines, and study the Books of Hebrews and Romans.

COMPUTER SCIENCE

COMPUTER APPLICATIONS

Units: 10 Semesters: 2

As a comprehensive introduction to computer technology and keyboarding, this class focuses on computer basics, Microsoft Office, web programming, and Adobe products.

ENGLISH

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. (There is an exam fee.)

Prerequisite: Permission from the Instructor

ENGLISH I

Units: 10 Semesters: 2

Freshman students review the basics of English grammar and mechanics. Literature readings from several genres are explored and analyzed. The writing process is incorporated in multiple writing styles and techniques.

ENGLISH II

Units: 10 Semesters: 2

Sophomore students review the basic grammar skills and techniques studied during the Freshman year. Literature genres are furthered to develop both a taste for good literature and the skills to enjoy what they read. Advanced writing techniques are studied and practiced with the genres read.

Prerequisite: English I

ENGLISH III

Units: 10 Semesters: 2

This class is a chronological study 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 this country's rich literary heritage. Writing and grammar review is also included.

Prerequisite: English II

ENGLISH BASICS 2 & 3

Units: 10 Semesters: 2

This course is designed to give individualized instruction in the area of language arts with a focus on reading and writing. Activities include grammar and vocabulary activities, reading a variety of materials, including American literature, writing, and class presentations.

(Not a College Prep course)

ENGLISH LITERATURE

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.

Requisite: Senior

SENIOR COMPOSITION

Units: 5 Semesters: 1

In this class, students revisit grammar, mechanics, and usage, strengthen vocabulary, and practice nonfiction writing.

Requisite: Senior

HEALTH

HEALTH

Units: 5 Semesters: 1

This class helps students develop a Bible-based philosophy of health and gain the tools needed to make choices that lead to a lifetime of physical, mental, emotional, social and spiritual health.

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 may bring their own fabric and supplies. (There is a charge for supplies used.)

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, personality types, 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)

CREATIVE HOME-MAKING**

Units: 2.5 Quarters: 1

In this class students will work with different media (i.e. fabric, glass, yarn, wood, rubber stamps, paint, etc.) and create various home décor, holiday, and gift-giving projects. Some assignments will involve recycling and repurposing old/found objects as well as promoting using their talents for others. (There is a charge for supplies used.)

ESSENTIAL LIVING SKILLS

Units: 5 Semesters: 1

This is a course designed to give an overview in homemaking skills. Areas covered include basic food preparation, basic sewing, money management, interior design, and child

development. A required coeducational freshman course in conjunction with Industrial Arts Exploring Technology.

NEEDLEWORK**

Units: 2.5 Quarters: 1

This class includes projects in machine embroidery, crochet, knitting, needlepoint, and counted cross stitch. Students will complete projects from three different areas and will participate in creating something for a local charity. (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 to meet minimum requirements during the quarter and purchase their own supplies. (There is a charge for supplies used.)

THE SCIENCE OF BAKING*

Units: 2.5 Quarters: 1

This is a course of study to include the basic principles of baking and how different ingredients react with one another to produce the desired results. Students will learn how to bake different types of biscuits, breads, cakes, and pastries, including gluten-free, dairy-free, and sugar-free versions. (Lab Fee)

MATHEMATICS

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, limits, derivatives, and integrals.

Prerequisite: Geometry and Algebra II

*Odd Graduation Year

**Even Graduation Year

ADVANCED PLACEMENT CALCULUS

Units: 10 Semesters: 2

Equivalent to first quarter of college calculus.

This course uses limits, derivatives, and integrals to analyze various functions, graphs, and real-life scenarios. (There is an exam fee.)

Prerequisite: Permission from the Instructor

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

This is 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

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)

GEOMETRY

Units: 10 Semesters: 2

This is 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

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

(Not a College Prep course)

INTEGRATED ALGEBRA

Units: 10 Semesters: 2

Integrated Algebra is a non-college prep course designed to develop students' abilities in mathematics and enable them to apply math knowledge and skills to a variety of purposes. Students will be able to understand concepts involving real numbers, represent mathematical situations using algebraic symbols and models, apply appropriate techniques, tools, and formulas to interpret and solve problems; and analyze results and draw appropriate conclusions.

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. Students will be given opportunities to learn and practice Spanish through interpersonal, interpretive, and presentational practice.

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. Second-year students also focus on the cultures, connections, comparisons, and communities of Spanish-speaking countries.

Prerequisite: C or better in Spanish I

*Odd Graduation Year

**Even Graduation Year

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 and a fee is required:

Choir	3 units per semester (no audition needed)
Choraliers	4 units per semester
Concert Band	4 units per semester
Octet	1 unit per semester
String Orchestra	1 unit per semester

Instrumental Ensembles are Semester Classes and meet once each week.

Prerequisite: Audition and invitation

MUSIC THEORY DUAL CREDIT

Units: 10 Semesters: 2

Music Theory 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 a basic knowledge of music theory fundamentals such as intervals, chords and chord progressions, develops their sight reading and sight singing skills, teaches them how to dictate melodies, harmonize melodies and provides opportunities for composing and analyzing music. If students pass this class with 87.5% or better, they can receive dual credit through the WWU Department of Music.

Prerequisites: Pass Theory Entrance Exam with 85% or higher

PRIVATE LESSONS

Units: 1.25 Quarters: 4

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

Brass	Percussion
Cello	Viola & Violin
Guitar	Voice
Keyboard	Woodwinds

Private lessons are quarter classes.

Charges for music lessons are included in the tuition for voice and all instruments, **except** cello, guitar, piano, viola, and violin.

PHYSICAL EDUCATION

FRESHMAN P.E.

Units: 4 Semesters: 2

A brief exposure to a variety of individual, dual, and team activities. The students will use these activities to better their overall fitness and to improve their skill levels.

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. (Fee required)

GENERAL P.E.

Units: 2 Quarters: 1

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

Badminton	Running
F.I.T.	Skiing (recreational, fee required)
Golf	Strength Training
Racquet Sports	

Upper classmen will be given first priority.

BACKPACKING

Units: 1

This course provides an opportunity to go backpacking and receive P.E. credit. There are two required evening classes and a weekend backpacking trip. (Fee)

Requisite: Junior

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. The students will use these classes to reach a higher level of fitness and to gain knowledge in how to play the game at a higher level.

SCIENCE

ADVANCED BIOLOGY

Units: 10 Semesters: 2

The first semester is an introductory study of human anatomy and physiology, including the use of biotechnology. Third quarter is an in-depth study of origins through a brief study of geology, paleontology, molecular biology, anthropology, embryology, and archeology. Fourth quarter is a study of marine biology, including a 4-day field trip to the Puget Sound. (Lab fee)

Prerequisites: Biology and junior or senior class standing

ANATOMY AND PHYSIOLOGY DUAL CREDIT

Units: 10 Semesters: 2

Study of human (organ-system) anatomy and physiology with reference to cellular, genetic, and developmental relationships. First semester includes a study of histology, the integumentary, skeletal, and muscular systems. Second semester focuses on nervous, endocrine, and circulatory systems. This course emphasizes the complexity and yet simple functionality evident in cells and systems that the Creator has designed in the human body.

Requisite: Senior

BIOLOGY

Units: 10 Semesters: 2

Biology is a laboratory course designed to give a summary 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)

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

PHYSICAL SCIENCE

Units: 10 Semesters: 2

This is a survey of physical sciences, which includes chemistry, physics, and earth and geological sciences. (Lab Fee)

PHYSICS

Units: 10 Semesters: 2

This is 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

SOCIAL SCIENCES

PERSONAL LAW AND FINANCE

Units: 5 Semesters: 1

This course in practical law covers the study of the laws that impact everyday life. The class will focus on the criminal and juvenile justice system, individual rights and liberties, tort law, family law and housing law. This course will also cover financial issues such as credit, debt, insurance, and financing real estate. It is designed to provide students with practical information and problem-solving skills necessary for survival in our law-saturated society.

Requisite: Senior

CIVICS

Units: 5 Semesters: 1

This course is designed to help students understand the responsibility of living in a democracy. It will examine the principles of democracy, the US Constitution, Federalism, the political process, and the organization of our government, and the rights and responsibilities of citizenship. This course is required for graduation in the state of Washington.

Requisite: Senior

WORLD GEOGRAPHY

Units: 10 Semesters: 2

World Geography is designed to acquaint the student with five themes of geography: location, place, region, human-environment, interaction, and movement. Students will be able to discern the various aspects of physical, cultural, and human geography.

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 World War II.

Requisite: Junior

TECHNOLOGY

AUTOMOTIVE TECHNOLOGY

Units: 10 Semesters: 2

This class covers the basics of how the various systems of the automobile work, the maintenance required for an automobile, and the financial concerns of owning an automobile. (Lab fee)

COMPUTER AIDED DRAFTING

Units: 10 Semesters: 2

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

EXPLORING TECHNOLOGY

Units: 5 Semesters: 1

This course is an introduction to the Industrial Arts courses offered at UCA. This is a required coeducational freshman course in conjunction with Essential Living Skills.

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. (Lab fee)

Advanced: Students choose and research a major project using 3-dimensional, non-glass items, or alternate techniques. May be repeated up to four times with permission from instructor. (Lab fee)

VIDEOGRAPHY

Units: 5 Semesters: 1

Videography explores story telling through video from the initial concept to final product. Students will complete a variety of video formats that could include interviews, promos, comedy sketches, dramatic presentations or spiritual encouragement. School cameras and computers are available for use in school projects with Adobe software to edit and enhance videos. A studio, including a green screen, can be used for various projects. No previous experience required. (Lab fee)

WELDING TECHNOLOGY

Units: 10 Semesters: 2

This is a course designed to acquaint beginning students with different types of welding. Students will learn to weld in the four basic positions using gas, stick, and MIG welders. (Lab fee)

WOOD TECHNOLOGY

Units: 10 Semesters: 2

This course is designed to provide students with an opportunity to learn how to use wood-working machinery and hand tools. The student has an opportunity to choose from a list of projects selected by the instructor. (Lab fee)

YEARBOOK

Units: 10 Semesters: 2

The primary goal is to create a high-quality yearbook for Upper Columbia Academy. Other communication projects are required throughout the year, as assigned. Students will learn about photography, graphic design, video editing, organization and social media. They will use Adobe Photoshop to edit and enhance digital photographs, Adobe InDesign to layout and design pages and Adobe Premiere to edit videos. No previous experience required. (Lab fee)



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