



**SCOTT M. SMITH COLLEGE OF  
ENGINEERING AND TECHNOLOGY**

**2022-2023 STUDENT HANDBOOK**

**March 1, 2023**

**(v7)**

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[Watch videos about the handbook instead](#)

(<https://tinyurl.com/uvu-cet-handbook-videos>)

# Welcome

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Welcome to the Scott M. Smith College of Engineering and Technology (CET) at Utah Valley University (UVU)! This college offers 90+ degrees, certificates, and diplomas in various areas of engineering and technology. You can decide on the program of your choice by searching the web page of the college at [www.uvu.edu/cet](http://www.uvu.edu/cet).

This Student Handbook offers basic information that new students may need becoming familiar with resources, programs, degrees, scholarship and grant opportunities, etc. As you read through, there will be information videos that will summarize each section and provide helpful information that you can listen to rather than read, if desired. Additional information and more detail can be found on the university's web pages through the links provided in this handbook and/or direct search of the university web page at: [www.uvu.edu](http://www.uvu.edu).

In the following sections, you will find a list of different areas in CET that may interest you. Other program-specific information is also available on each department's UVU web page, and students are encouraged to consult with their advisors and CET administrators for additional detail. A list of phone numbers and emails are also provided at the end of this handbook for your convenience.

[Welcome Video](#)

## How is College Different from High School?

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The following table, usually shared by advisors with students, is an excellent synopsis of the differences between high school and college, and applies to methods of studying, test taking, preparation for courses and exams, time to allocate to study, expectations, etc. It is an excellent comparison between the two environments. Successful students try to learn from the differences and adjust to the changing academic environment.

PERSONAL FREEDOM IN HIGH SCHOOL	PERSONAL FREEDOM IN COLLEGE
Your time is usually structured by others.	You manage your own time.
Guiding principle: You will usually be told what your responsibilities are and corrected if your behavior is out of line.	Guiding Principle: You're old enough to take responsibility for what you do and don't do, as well as for the consequences of your decisions.
HIGH SCHOOL CLASSES	COLLEGE CLASSES
You spend 6 hours each day – 30 hours a week – in class.	You spend 12 to 16 hours each week in class.
The school year is 36 weeks long; some classes extend over both semesters and some do not.	The academic year is divided into two separate 15-week semesters, plus a week after each semester for exams.
You are provided with textbooks at little or no expense.	You need to budget substantial funds for textbooks, which will usually cost more than \$200 each semester.
You are not responsible for knowing what it takes to graduate.	Graduation requirements are complex and differ for different majors and sometimes different years. You are expected to know those that apply to you.

HIGH SCHOOL TEACHERS	COLLEGE PROFESSORS
Teachers check your completed homework.	Professors may not always check completed homework, but they will assume you can perform the same tasks on tests.
Teachers remind you of your incomplete work.	Professors may not remind you of incomplete work.
Teachers approach you if they believe you need assistance.	Professors are usually open and helpful, but most expect you to initiate contact if you need assistance.
Teachers present material to help you understand the material in the textbook.	Professors may not follow the textbooks. Instead, to amplify the text, they may give illustrations, provide background information, or discuss research about the topic you are studying. Or, they may expect you to relate the classes to the textbook readings.
Teachers often write information on the board to be copied in your notes.	Professors may lecture nonstop, expecting you to identify the important points in your notes. When professors write on the board, it may be to amplify the lecture, not to summarize it. Good notes are a must.
Teachers often take the time to remind you of assignments and due dates.	Professors expect you to read, save, and consult the course syllabus (outline); the syllabus spells out exactly what is expected of you, the due dates, and how you will be graded.
STUDYING IN HIGH SCHOOL	STUDYING IN COLLEGE
You may study outside of class as little as 0 to 2 hours a week, and this may be mostly last-minute test preparations.	You need to study at least 2 to 3 hours outside of class for each hour in class.
You often need to read or hear presentations only once to learn all you need to learn about them.	You need to review class notes and text material regularly.
You are expected to read short assignments that are then discussed, and often re-taught, in class.	You are assigned substantial amounts of reading and writing which may not be directly addressed in class.
Guiding Principle: You will usually be told in class what you need to learn from assigned readings.	Guiding Principle: It's up to you to read and understand the assigned material; lecture and assignments proceed from the assumption that you've already done so.
TESTS IN HIGH SCHOOL	TESTS IN COLLEGE
Testing is frequent and covers small amounts of material.	Testing is usually infrequent and may be cumulative, covering large amounts of material. You, not the professor, need to organize the material to prepare for the test. A particular course may only have 2 or 3 tests in a semester.
Teachers frequently conduct review sessions, pointing out the most important concepts.	Professors rarely offer review sessions, and when they do, they expect you to be an active participant, one who comes prepared with questions.
GRADES IN HIGH SCHOOL	GRADES IN COLLEGE
Consistently, good homework grades may help raise your overall grade when test grades are low.	Grades on tests and major papers usually provide most of the course grade.
Extra credit projects are often available to help you raise your grade.	Extra credit projects cannot, generally speaking, be used to raise a grade in a college course.
Initial test grades, especially when they are low, may not have an adverse effect on your final grade.	Watch out for your first tests. These are usually "wake-up calls" to let you know what is expected – but they also may account for a substantial part of your course grade. You may be shocked when you get your grades. If you receive notice of low grades on either an Early-Term or a Mid-Semester Progress

	Report, see your professor, academic advisor or visit the student timetable.
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[How college is different from high school video](#)

## Degree and Other General Terminologies

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### Degree Terminology

**Associate of Arts (AA)/Associate of Science (AS) Degree:** Associate in Science (AS) degree requires completion of a minimum of 60 or more semester credits with an overall grade point average of 2.0 (C) or above. Departments may require higher GPA. Residency hours are a minimum of 20 credit hours earned through course attendance at UVU. Completion of General Education requirements is also required along with completion of specific department (major) requirements. Note: Academic departments may require specific General Education courses in addition to major requirements. The Associate in Arts (AA) degree differs from the Associate in Science Degree in that a minimum of eight credits must be earned in one foreign language. This degree is preferred when transferring to another institution.

**Associate of Applied Science (AAS) Degree:** Associate in Applied Science (AAS) degree requires completion of a minimum of 63 semester credits with an overall grade point average of 2.0 (C) or above. Residency hours are a minimum of 20 credit hours earned through course attendance at UVU along with completion of department General Education requirements and completion of specific department major requirements. The AAS is more degree-specific than an AA/AS.

**Associate of Pre-Engineering (APE) Degree:** The pre-engineering program at UVU has been created for students who plan to complete the first two to three years of their engineering education at UVU and then transfer to a baccalaureate program to complete their engineering degree. With adequate planning, pre-engineering coursework completed at UVU will transfer to UVU's engineering programs, and all of other Utah universities offering baccalaureate engineering degrees. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, the student applies for professional status at an institution of the student's choice.

**Bachelor of Art (BA)/Bachelor of Science (BS) Degree:** Bachelor of Art/Bachelor of Science Degree requires completion of a minimum of 120 semester credits, or more if specified by program requirements. Overall grade point average of 2.0 (C) or above is required for graduation. Departments may require a higher GPA.

Residency hours requirement - minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours. At least 40 credit hours in upper division courses. Completion of General Education requirements. Completion of specific departmental (major) requirements. Completion of Global/Intercultural Requirement course. For a Bachelor of Arts Degree, students must complete 16 credit hours of course work from one language to include the ENGL 1010, ENGL 1020, ENGL 2010 and ENGL 202G levels, or transferred equivalents.

**Master of Science (MS) Degree:** Most disciplines are diverse and complex. While basics are taught in the bachelor's degree programs, for individuals with specific needs for certain skills, this graduate program is designed. Currently the College of Engineering and Technology offers MS degree programs in Computer Science, Cybersecurity, and Engineering Technology Management.

**Catalog Year:** The year for degree requirements and what shows in Wolverine Track. Some departments will change requirements every year. Students will be held to a set of requirements based on the catalog year that they are on. Students follow the catalogue for up to 7 years if in BA/BA degree programs and 5 years in AS/AA degree programs.

**Certificate of Completion (CoC):** Requires a minimum of 30 credit hours. Not all departments offer a Certificate of Completion. See specific department program listings for details.

**Certificate of Proficiency (CoP):** Varies in credit hours from 3-29 credit hours. Not all departments offer a Certificate of Proficiency. See Specific department program listings in this handbook and/or at UVU web pages for detail.

**Diploma:** Requires a minimum of 50 credits in a specialty area. Some programs offering Associate in Applied Science Degrees also offer diplomas. Not all departments offer diplomas. See specific department program listings for detail.

**General Education (GE) Courses:** Courses required by the Utah State Board of Regents for an Associate or Bachelor's degree. Sometimes called "GE" and refers to approximately 35 hours of required classes, including English, Math, Humanities, Fine Arts, and Science courses.

**Minor:** A minor is a set of courses, usually from 18 to 24 credits, that is sufficient to establish proficiency in a discipline without having to take all the courses that a major would take. Minors are optional in most majors, but are a good way to increase the marketability of the degree. Some minor classes can double-dip into major classes as well.

[Degree terminology video](#)

## General Terminology

**Accuplacer Exam – English:** New student assessment test that is required for students whose ACT/SAT scores have expired, or students that would like to place into a higher English course. The Accuplacer exam consists of two sections: Reading Comprehension and Sentence Skills. Students may retake each section every two weeks with a \$10 fee at the Testing Center.

**ALEKS:** A Math placement tool that is available to all students. ALEKS is a powerful tool that determines exactly what students know, what they don't know, and what they are ready to learn. It correctly places them in the appropriate math class and provides the opportunity to improve their placement by working on learning modules. It is required for students whose ACT/SAT scores have expired, or students that would like to place into a higher Math course.

**Admission:** Official acceptance to UVU.

**College or School:** UVU currently has seven colleges or schools, split into different areas of study and discipline: College of Humanities & Social Sciences (CHSS), School of the Arts (SoA), School of Education (SoE), Woodbury School of Business (WSB), College of Science (CoS), College of Health & Public Services (CHPS), and College of Engineering & Technology (CET).

**College Catalog:** Describes all the degrees and programs which are offered and lists the requirements for completion of each one. It provides course descriptions and pre-requisites for courses that are offered each year. The catalog also gives detailed information about each academic school and different departments at the college. The UVU catalog can be found at this link [www.uvu.edu/catalog/current/](http://www.uvu.edu/catalog/current/) or by easily searching “UVU catalog.”

**Credit Hour:** Commonly referred to as “hours” or “credits.” Typically, the number of hours per week a student will spend in a class. Using the credit hours of a class, a student can estimate the amount of time spent outside class for studying. For each credit hour spent in class, a student should spend 2 hours outside of class studying.

**Dean:** The head of a college or school.

**Department Chair:** The head of the department/major, usually serving a three-year term.

**Faculty:** Full-time and adjunct professors and lecturers.

**Grade Point Average (GPA):** The result of how many credit hours a student has completed and what grade they have received in each one of the completed courses. All grades except AU (audit) and W (withdrawal) are included in their GPA. A minimum GPA for graduation is an overall 2.0.

At UVU, the following grades are not computed in determining the GPA (<https://www.uvu.edu/catalog/current/policies-requirements/academic-policies-and-standards.html>): W (official withdrawal), I (incomplete), AU (Audit), CR (credit granted), CEU (non-credit – continuing education), T (in progress).

**MyUVU:** The online student portal ([my.uvu.edu](http://my.uvu.edu)). All students have a myUVU account which is the online interface to conduct all their daily student activities. They have access to services such as checking their grades, updating their address/telephone, registering and paying for classes, checking financial aid, and checking their academic progress towards graduation.

**Registration:** Sometimes called “registered” when the process of selecting and enrolling in classes is completed.

**Transcript:** A detailed academic history of all courses attempted at UVU, transfer credit received by UVU, grades, GPA, academic standing, degrees applied for and awarded.

**Transfer Articulation:** A database consisting of how courses from other colleges and universities may transfer to UVU. Students and advisors can select the school they are transferring from to see how a specific course transfers.

**Transfer Credit:** Credit for courses taken at another institution. May also be credits completed at UVU that students transfer to a different college or department. Incoming transfer credits do not have bearing on UVU GPA. They show on Wolverine Track as “TA, TB, TC.”



**Unofficial Withdrawal (UW):** Failure to officially withdraw from a course. Grade will show on transcript as a “UW”, which is treated as a failing grade, and affects the GPA.

**UVID:** Official number assigned at UVU. Each student, staff, and faculty member has a UVID that is unique to them. No two individuals will share the same ID number. Students will use their UVID on many occasions: to log into myUVU, take exams at the testing center, turn in assignments for a class, get a parking pass, etc.

**Withdraw (W):** Officially dropping an individual course before the drop deadline. Even when a student withdraws, they will remain “in” the course in Canvas and on Wolverine Track because the “W” grade will be posted at the end of the semester. Withdrawal does not affect GPA.

**Withdrawal Exception:** Officially dropping an individual course after the withdraw deadline. Grade will show on the transcript as a “W” but does not affect the GPA. Student works with advisor on the withdrawal exception form.

**Wolverine Track:** A web-based tool which provides a clear and convenient method for UVU students to track degree progress, prepare for registration, and plan for graduation. It is designed to aid and facilitate academic advising. However, it is not intended to replace face-to-face advising sessions.

[General terminology video](#)

## Course Terminology

**Audit:** Students may choose to register for classes on an audit basis (register for classes as a “listener” without receiving credit). They must register for the class, pay tuition and fees, and complete and sign an “audit form” with the Registrar. Classes will appear as an “AU” on the transcript.

**Canvas / Instructure:** An online course management system used by faculty and students at UVU. Instructors and students use Canvas to organize their course material, post the course syllabi and schedule, participate in discussion forums, grade and check grades, and for quizzes and assignment submission.

**Co-Requisite:** To be taken simultaneously. Students have to take a co-requisite course in the same semester as another course.

**Course Section:** Unique number for each course, identifying its delivery method. Three numbers (e.g. 003) signify a face-to-face or hybrid course. An X01-X49 section is a fully online course. If it is X51 or above, it is only for Global Aviation majors living outside of Utah. If it is an H, J, or V, it is usually a high school concurrent enrollment course and not available to regular college students.

**Course Reference Number (CRN):** Course Reference Number—a unique number assigned to each section of a course. Some students will use the CRN to register for courses rather than looking the course up.

**Hybrid:** A type of course that transforms one or more face-to-face class sessions into online experiences, reducing physical seat time without diminishing educational outcomes. If a traditional class meets two days a week for 1 hour and 15 minutes, a hybrid course will only meet physically one day for 1 hour and 15 minutes, and then the second day will be completed through online experiences.

**Internship:** Provides beneficial pre-professional experience and allows students an opportunity to learn more about a career path they are interested in. It is work experience, relevant to their major. They can earn one college credit for every 60 to 75 hours of work completed. There are two internship levels –281R and 481R.

**Online Course:** A course that involves independent learning using a computer anywhere there is internet access. The instruction is through the Canvas system. Online courses may require students to work alone or be part of a group.

**Prerequisite:** A course required beforehand. Most courses will have a pre-requisite that a student must complete before they will be able to register for it. For example, they must take ENGL 1010 before they can take ENGL 2010. ENGL 1010 would be a pre-requisite to ENGL 2010.

**Syllabus:** An outline or other brief statement of the main points of a course, the subjects of a course or lectures, the contents of a curriculum, and generally a timeline of deadlines and due dates.

**Waitlist:** An electronic list of students who want to enroll in a course that has reached maximum capacity and is closed. A wait list is first come, first served, according to the date and time the student selects the wait list option. Wait lists end after the first week of classes. Students will be notified through their UVU email if a spot has opened. They will only have 24 hours to add once they have been notified.

[Course terminology video](#)

## Double Majors and Multiple Degrees

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Students may earn multiple certificates. Students may earn only one academic associate degree from the Utah Valley University: either an Associate in Science or an Associate in Arts. With some exceptions, students may earn multiple Associate in Applied Science (AAS) degrees, specialized associate degrees, and baccalaureate degrees.

A second bachelor's degree may be awarded when all requirements for both degrees are satisfied. See <https://www.uvu.edu/catalog/current/policies-requirements/graduation.html> for further information.

A baccalaureate degree with dual majors may be awarded when students complete all requirements for two approved degrees from the approved dual majors list but has not met the required 30 semester hours for a second degree beyond the original degree. The student shall receive a single baccalaureate degree; the diploma and transcript shall list both majors.

Students apply for graduation for one degree, and only one degree type, such as a Bachelor of Arts, or a Bachelor of Science; To be awarded a dual major, both majors must be completed during the semester when (or prior to) applying for graduation.

If students have already graduated in one of the majors, they may not apply for a dual major.

After being awarded a dual major degree, students may not apply for graduation for one of the dual majors separately.

Students shall have no more than three course substitutions from the required courses for the two majors combined.

Students may not receive minors in either major but may be awarded a minor from another area if all requirements are met.

Credits shall not exceed the 160-credit hour limit with the two combined majors.

[Double majors and double degrees video](#)

## Scholarships

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CET is endowed with many scholarships which are dispersed to qualified students every year. These scholarships can be claimed by all freshman, continuing, or transfer students, residents, or non-residents. Students are encouraged to consult with academic advisors, department chair and faculty and the college administration for further detail. Below, you will see the process of application for CET scholarships.

1. **Students are required to apply for scholarships through the UVU Scholarship Website:**  
<https://www.uvu.edu/financialaid/scholarships/>
2. Scholarship applications will be collected electronically and filtered to CET.
3. Scholarship applications will be distributed to the appropriate departments for review and awardee selection by way of committee (Committee will consist of at least the Department Chair and Program Coordinator or Admin. Assistant).
4. The Department Scholarship Committee will select approved candidates for each scholarship, meeting the scholarship criteria and scores from the rubric. Committee will submit the awardee names back to the CET Dean’s office.
5. Upon approval from the CET Dean’s office, awardees will be notified (students are first checked for residency, admissions, & registration status).

**The application deadline and additional application information can be found at** <https://www.uvu.edu/financialaid/scholarships/>. This process may continue for a matter of months since if one person does not accept then the request will go to a second person. All individuals will have been notified of any scholarships by July 1 since that is the end of our budget year.

As of March 1, 2023, the CET scholarships by department are as follow:

Department	Split
AED	
Roger P. Monsen - Geomatics	
CAI	
Carrol Reid Memorial Scholarship Culinary Arts Institute Scholarship Culinary Crafts Endowed Scholarship	CT, TM, TT
CS	

Computer Science Department Scholarship - Computer Science Engineering Initiative InsideSales.com Scholarship - Computer Science Rocky Mountain Power Scholarship - Software Engineering	ENGR
CT	
Beavers Heavy Construction Endowed – Construction Management Blue Stakes of Utah Annual Scholarship Carrol Reid Memorial Scholarship Granite Construction - Construction Management Henry Davis Endowed - Building and Construction Horrocks Engineers - Construction Management Ivory Futures Building Dreams - Construction Jack and Mary Louis Wheatley Paul B Clyde Scholarship - Heavy Civil Pearson Trust Scholarship Sorensen Scholarship The Geneva Rec. Assoc. Building Constr. Mgmt Fund - Construction Mgmt. The W. Cornell & Edna T. Clyde Memorial - Heavy Civil Utah Valley Home Builders - Residential Construction	CAI, TM, TT  EART, MECH, TT  EART, MECH, TT EART, TT
DGM	
Deseret Digital Media Scholarship UVU Digital Media Scholarship	
ENGR	
Engineering Initiative Granite Construction - Civil Engineering Horrocks Engineers - Civil Engineering	CS CT CT
ET	
Jack and Mary Lois Wheatley Scholarship – EART/MECH Nestle USA Engaged Learning Endowed Scholarship - EART/MECH Pearson Trust Scholarship - EART/MECH Sorensen Scholarship - EART Victor L. Davies Scholarship – EART	CT, TT  CT, TT CT, TT EART, TT
IS&T	
David W. Johnson Family - Info Systems Information Systems and Technology Scholarship - Info Systems Keith Mulbery Endowed - Info Systems NuSkin Force for Good Foundation Endowed Scholarship	TM
TM	
Carrol Reid Memorial Scholarship David W. Johnson Family	CT, CAI, TT IS&T
TT	

ABRA Auto Body Auto Technology Scholarship - Auto Technologies	
Auto Expo Scholarship - Auto Technologies	
Carrol Reid Memorial Scholarship	CT, CAI, TM
Jack and Mary Lois Wheatley Scholarship	CT, EART, MECH
Mary and Miles Morris Auto Endowed Scholarship	
Mike Crouch Auto Mechanic Scholarship	
Pearson Trust Scholarship - Auto Technologies	CT, EART, MECH
Richard And Zepha Boggess Scholarship - Collision Repair/Street Rod	
Sataima Endowed Scholarship	
Sorensen Scholarship - Auto Technologies	CT, EART
Universal Industrial Sales Scholarship - Auto Technologies	
Victor L. Davies Scholarship - Collision Repair/Street Rod	EART
CET	
College of Engineering and Technology Scholarship	ALL
Dean's Merit Scholarship	ALL
Dean's Discretionary Fund	ALL
Engineering Initiative Scholarship	CS, ENGR

[Scholarships video](#)

## Extra-Curricular Student Groups and Activities

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There are great opportunities for students to participate in activities that not only would help their academic progress, but also help them expand their knowledge and experience in fields related to their domain of interest. Most these activities are student and faculty led. The number and extent of their activities might change over time. Currently, there are over 100 active clubs and organizations at UVU, some of which also receive local, state, and national recognition. These can be found at <https://www.uvu.edu/clubs/>.

Please be aware that beyond the student governing association (UVUSA) there are two types of recognized student groups on campus as of August 2022 per [policy 532 University Student Groups](#):

- *Registered student clubs* - Registered student clubs shall be created by students, for students; be run by students with a common interest, hobby, or goal; and require minimal support of the University. The Department of Student Leadership and Involvement (SLI) will provide any necessary oversight.
- *University student organization (USO)* - Each USO shall operate under the direct and constant guidance of the sponsoring university unit, which must commit to supporting and providing direct responsibility for the USO's mission and activities.

**Clubs and organizations currently recognized by the institution and subsequently listed on**

[https://www.uvu.edu/clubs/our\\_clubs/](https://www.uvu.edu/clubs/our_clubs/) where additional detail can be found. This is ideally where all our student groups should be:

- Architecture and Engineering Design
- Aviation
  - [Alpha Eta Rho-Epsilon Nu](#) also known as Aviation Club (club-academic)
  - [Aviation Management Club](#) also known as AAAE (club-academic)
- Computer Science
  - [Computer Science Club](#) (club-academic)
  - [Girls Who Code College Loop at UVU](#) (club-academic)
- Construction Technologies
- Culinary Arts
- Digital Media
  - [Anime and Manga Club](#) (club-academic)
  - [Audio Club](#) (club-academic)
- Engineering
  - American Society of Civil Engineers (organization; faculty mentor Dr. Paul McMullin)
- Engineering Technology
- Information Systems and Technology
  - [Cyber Security Club](#) (club-academic)
  - [Data Science Club](#) (club-academic)
  - [Web Development Club](#) (club-academic)
- Technology Management
- Transportation Technology

Student groups **not currently recognized by the** institution and subsequently *not* listed on

[https://www.uvu.edu/clubs/our\\_clubs/](https://www.uvu.edu/clubs/our_clubs/) by department and may or may not be currently active:

- Architecture and Engineering Design
  - 3D Printing Club.
  - Geospatial Society of UVU/Geospatial Club. Faculty mentor Dr. Sowmya Selvarajan.
- Aviation
  - Women in Aviation. Faculty mentor is Katie Lin or Jeuel Oganeku.
- Computer Science
  - Computer Engineering Club.
  - Google Developer Club. Student lead Gavin McLaren.
  - UVU Developers' Club.
- Construction Technologies
- Culinary Arts
- Digital Media
  - Digital Audio Club. Faculty mentor is Mike Wisland.
  - Digital Animation and Gaming Association (DAGA). Faculty mentor Marty Clayton.
  - Drone Club.
  - DGM Cinema Club. Faculty advisor is Duane Anderson.

- Female Empowerment through Movie Making Experience (FEMME). Faculty mentor Duane Anderson.
- UX/Product Design. Faculty mentors Dan Hatch and Mike Harper.
- Engineering
  - American Society of Mechanical Engineers (ASME).
  - Concrete Canoe Competition. Engineering and Construction programs students organize this activity. Faculty mentor Dr. Amanda Bordelon.
  - Robotics Club.
  - Institute of Electrical and Electronics Engineers (IEEE). Students from Engineering and Engineering Technology students. Faculty mentors Dr. Afsaneh Minaie and Tyler Bird.
    - There may be subsets of Be-Tec and Computer Engineering
  - Mechanical Engineering Club.
  - Society for Women Engineers (SWE). Faculty mentor Dr. Amanda Bordelon.
- Engineering Technology
  - Institute of Electrical and Electronics Engineers (IEEE). Students from Engineering and Engineering Technology students. Faculty mentors Dr. Afsaneh Minaie and Tyler Bird.
  - International Society of Automation (ISA).
  - Mechatronics Club.
- Information Systems and Technology
  - Web Development Club.
- Technology Management
- Transportation Technology
  - ASE BAJA Competition.
  - Off Road Adventure Club. Faculty mentor Terry Orr.
  - Wolverine Race Team. Faculty mentors Todd Low and Matt Hasara.

**To apply to start a new student club or university student organization within CET or to have one formally recognized by the institution:** First, please familiarize yourself with [policy 532 University Student Groups](#) and then second, complete the form found at [https://uvu.qualtrics.com/jfe/form/SV\\_d4ruwRpPfwFctym](https://uvu.qualtrics.com/jfe/form/SV_d4ruwRpPfwFctym)

If a student wishes to start a student club they can also go directly to <https://www.uvu.edu/clubs/> but we recommend they instead start with [https://uvu.qualtrics.com/jfe/form/SV\\_d4ruwRpPfwFctym](https://uvu.qualtrics.com/jfe/form/SV_d4ruwRpPfwFctym) so that all necessary parties in the college are aware and so all necessary details can be ironed out up front.

[Extracurricular activities video](#)

## Student Grants and Awards

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In addition to the scholarships awarded every year, CET independently, and in conjunction with UVU, offers a number of opportunities for student recognition, professional development, and potential conference and symposia participation. Student projects while at UVU and students' academic and scholarly activities in technology and engineering are valued the most and are recognized through these awards and grants.

## College of Engineering and Technology Scholarly Activities Grant (CET-SAC)

The term “scholarly activities” is used broadly to include not just academic publications, but also professional development, research projects, engaged learning opportunities, and similar. Applications for student-driven activities, which may also be supported by a faculty mentor/advisor, are considered. Completed forms must be signed/dated by the requesting individual and their mentor/advisor and submitted electronically to the CET Associate Dean of Student Affairs by 12:00 PM on either the first workday of October, December, or February. When multiple individuals are involved, the names, UV IDs, and departments of all individuals should be included in a separate attachment.

For further information and grant application, visit: <https://tinyurl.com/uvu-cet-sac-form>

## Undergraduate Research Scholarly and Creative Activities (URSCA)

URSCA funds upper-division students who work with faculty mentors to conduct in-depth research or creative work related to their chosen field of study. Funds are available five times each year, including for travel for conference participation and presentation. Furthermore, there are several other opportunities for students who wish to pursue their own research as long as they have a faculty mentor working with them.

The following web page provides list of opportunities that are funded by UVU for student research:

<https://www.uvu.edu/undergrad-research/student-research/apply-for-funding/ursca-research.html>

[Grants and awards video](#)

## UVU Board of Trustees Engaged Learning Award (BoTS)

The UVU Board of Trustees has expressed a desire to make personal contributions toward an annual grant to be awarded based on a student’s engaged learning project and activities.

The Board of Trustees Engaged Learning Award (BoTS) should be based on the merits of a student’s engaged learning project. While the student should have a track record of good academic performance, this does not necessarily mean the student will have a top tier GPA. The merits of a student’s engaged learning project will be weighted heavily and will take priority over academic GPA.

Award Criteria:

- Minimum 3.0 GPA is required by all student participant(s) involved in the project.
- Applicant(s) must submit an Engaged Learning project proposal and budget for up to \$6,000.00.
- A letter of recommendation from a faculty mentor involved in the engaged learning project must accompany the application.

The Award will be based on the quality of the engaged learning project. Prior academic performance will be of secondary concern.

The top three project participant(s) selected by the Scholarly and Creative Activities Committee (CET-SAC; learn more at <https://www.uvu.edu/undergrad-research/student-research/committee.html>). Committee will make a brief presentation at the Board of Trustees meeting scheduled for February of each year. The



Scholarly and Creative Activities Committee will then select the project based on their evaluation scores of the projects with consideration of the Trustees' input.

The award will be allocated from the Office of Engaged learning in accordance with University Policy.

At the October UVU Board of Trustees meeting succeeding the Project Award, each participant(s) must make a presentation regarding the progress and outcomes of their engaged learning project. Participant(s) must give a final or in-progress report to the Trustees one year after the Project Award is given.

For more information: <https://www.uvu.edu/undergrad-research/student-research/apply-for-funding/bots.html>

## Wolverine Achievement Award

This award is offered in many categories, for students, clubs, faculty, staff, etc. For example, the “Student of the Year” award states “This award is presented to the student who has distinguished him/herself through service to UVU and the community. This individual has demonstrated excellence in leadership, scholarship, personal integrity, and dedication to UVU.” For the list of all categories and how you may benefit from them, visit: <https://www.uvu.edu/uvusa/info/waa.html>

## CET Department Student Excellence Awards

This award is offered to one student in each CET department as selected by the departmental full-time faculty. Each department uses its own criteria although grade point average (GPA) is a factor.

## Journal of Student Leadership (JSL)

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The Journal of Student Leadership is a double-blind, peer-reviewed, interdisciplinary, academic journal that addresses ideas, theories, and issues of leadership (<https://www.uvu.edu/slss/jsl/>).

The journal’s two purposes are to:

- Contribute to the scholarship and discussion on leadership
- Provide an engaging outlet for research, writing, editing, and publishing

JSL welcomes papers, essays, and artwork on leadership topics from all relevant disciplines, including business, education, law, policy, social sciences, arts, humanities, history, and technology.

JSL also invites perspectives on leadership from every sector of the academic community. Academicians and students are equally welcome to send their papers to the editors of the Journal before formal submission for feedback and likelihood of acceptance.

## Transfer Students

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Students who transfer from academic institutions with articulation agreements with UVU can transfer their credits, which are accepted as if taken at UVU and continue with the degree requirements at UVU. Upon

admission at UVU, students are assigned a “UVU Wolverine Track Account” which would enable them to check the set of courses successfully transferred to UVU as well as courses they would need to complete in order to satisfy the requirements for a CET degree. Information about transfer credits, how to evaluate credentials for credit transfer and the academic institution with which UVU has articulation agreements can be found at: <https://www.uvu.edu/transfer/>

[Transfer student video](#)

## Internship and Career Counseling

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UVU works very closely with local, out-of-state, and international industries with an interest in hiring UVU students for either a summer, semester-long, or partial semester internship in areas related to their major. The process of matching student interest with industry needs is the responsibility of the Internship Coordinator within the College of Engineering and Technology. The information about agencies and industries interested in hiring UVU students can be found at: <https://www.uvu.edu/cet/internships/>

With regards to career counseling, the following offices are available to help UVU students:

**First Year Advising Center:** This center helps incoming Freshman students that are both undecided about their major or have decided their major. Their counselors are there to help you decide your pathway and to assist in the transition to a university environment. Further information can be found in:

<https://www.uvu.edu/firstyear/advising/>

**Career Development Center (CDC):** This center, in addition to having speakers who talk about career paths and provide information to students who wish to start a new career or change, also provides tools and information to help succeed searching for jobs. They assist with preparation of job search documents, mock interviews, researching companies and job openings, and labor market and salary information. Job fairs for part-time and full time employment are also provided by the center. Please visit the following site for further information: <https://www.uvu.edu/cdc/>

**Women’s Success Center:** This center provides support, leadership, coaching, and advocacy for students. They work with students to remove barriers to graduation and navigate the landscape of higher education. Their services are available to all students on campus and to community members who need support through a life transition or transitioning back to school. Visit the following for more information:

<https://www.uvu.edu/wsc/>

**Career and Technical Education (CTE):** This organization provides opportunities for combining technical skills with rigorous academic scholarship. Those are provided through a vast number of certificates, degrees, and other credentials that help students prepare for their professional goals. Further information can be found in:

<https://www.uvu.edu/cte/>

**Continuing Education:** In response to the region’s educational needs that drive economic vitality and in support of UVU’s dual mission, this office offers programs on community, professional, and executive education and a variety of conferences. <https://www.uvu.edu/ce/>

[Internship and career counseling video](#)

## Student Housing

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At this time UVU does not provide on-campus housing. Off-campus housing information and list of several complexes around campus and the vicinity can be found on the UVU web pages at:

<https://www.uvu.edu/housing/>.

UVU also offers Residential Community Leadership Program (RCL) and list of current leaders can be found at:

<https://www.uvu.edu/housing/rcl/>

[Student housing video](#)

## Student Senate, Association, and Representatives

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Student Representatives:

According to the Utah Valley University Student Association [UVUSA] (<https://www.uvu.edu/uvusa/>), each student representative is expected to be a representative for all students in the associated program.

Representatives meet and work with the Department Chair, faculty, and students, and in the case of the College Senator, with the Dean. In addition to planning and carrying out surveys and other events, student representatives should:

- Promote his/her respective program
- Help ensure continued positive student experiences, and
- Help in resolving issues that students have (specifically in the program)

Time commitment for each rep will vary depending on the week; in addition to educational commitments, there are weekly and monthly UVUSA meetings that they attend. The College Senator oversees the department representatives and ensures that those positions continue to be beneficial to the department and students.

According to the UVUSA Constitution, Section XVI - Qualifications for Office, any student seeking an elected office elected position within UVUSA must meet the following criteria:

All candidates shall be currently enrolled at UVU.

All candidates shall possess a minimum cumulative grade point average of 3.0, with the exception of first-time matriculated students.

Section XVII - Requirements for Office, describes the requirements for any office held within UVUSA as follows:

Throughout the term of office, all officers must be currently enrolled in, and successfully complete a minimum of 12 credit hours per semester and maintain a minimum semester grade point average of 2.5, summer term excepting.

Throughout the term of office, attendance at scheduled meetings and activities for which the officer has responsibility shall be required as set forth in the by-laws.

Student Officers are elected to serve one full year, beginning the day of spring graduation.

CET senators and department representatives (collectively referred to as the Student Advisory Board), student representative and department expectations, Dean's office expectations, and student representative selection process are listed at:

[https://www.uvu.edu/cet/about/student\\_advisory\\_board.html](https://www.uvu.edu/cet/about/student_advisory_board.html)

[Student representatives video](#)

## Students' Rights and Responsibilities, Code of Conduct

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CET follows the rules set forth by UVU with regards to students rights and responsibilities. These are stated in the UVU Policies and Procedure # 541. The policy among others, states that "Students, faculty, staff, and administration shall always exercise their freedom with personal responsibility. This code outlines due process for handling alleged student violations of university policies, including, but not limited to the responsibilities set forth in this policy. Further, this policy delineates the range of sanctions for such violations and establishes procedures for appeal of disciplinary sanctions." Students are encouraged to read up on the policy and contact Associate Dean for Student Affairs, Vice President of Student Affairs, Dean of the College or other authorities in case they need clarification and/or need help with interpretation of the policies.

The policy is divided in several sections. They provide detail on: General Rights, Academic Rights, General Responsibilities, Academic Responsibilities, Expectations, Informal Resolution, Academic Infraction (Grades), General Infractions, Composition of Campus Appeals Board, Confidentiality, Sanctions, Multiple Offenses and Pattern of Behavior, No Reprisals, Disciplinary Records, Concurrent Jurisdiction, Students Rights and Responsibilities, Appeals Process, Determination and Application of Sanctions, Campus Appeals Board Hearings, Disciplinary Records.

Students' code of conduct, reporting of misconduct and issues concerning behavior can be reported online at: <https://www.uvu.edu/studentconduct/>. That web page also includes information about sexual misconduct (Title IX), education and outreach, and related information that is useful for all students to review.

[Student rights and responsibilities video](#)

## Faculty Responsibilities and Student Issues

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What students can expect of faculty members can be found in the policy [Policy 635 Faculty Rights and Professional Responsibilities](#).

If there is an issue or concern, you can find a simple diagram that shows a flow of where to get help if a student is having an issue or concern: <https://uvu.box.com/v/cet-student-issue-path>

#### REPORT A CONCERN / ETHICS POINT

The University is dedicated to the highest standards of ethical conduct. As such, the University encourages employees to call unethical behavior to the attention of the appropriate supervisor, university auditor, other responsible university officers, or report the concern through [EthicsPoint](#). Visit <https://www.uvu.edu/audit/concerns/> to learn more.

#### GRADING ISSUES

If a student has a grading issue and has reviewed and adhered to the flow chart at <https://uvu.box.com/v/cet-student-issue-path>, they should then should review policy [523 Grading](#). The key area is below:

##### 5.4 Grade Changes

5.4.1 When a student believes his or her final grade has been calculated incorrectly, has been calculated due to discriminatory bias, or does not accurately reflect his or her effort, the student has the right to begin an appeal process.

5.4.2. The student has the right to approach the faculty member and discuss the merits of his or her appeal in an informal and non-threatening environment. The student is encouraged to begin the appeal process as soon as possible after receiving the final grade.

5.4.3 If the student is still dissatisfied with the grade after discussing it informally with the faculty member or if the original faculty member is no longer available, the student has a right to submit a written appeal to the department chair or the faculty member's immediate supervisor. The department chair or supervisor shall keep the written appeal. That person, if he or she believes the complaint has merit, shall discuss it with the faculty member and shall report back to the student the results in a timely manner. In rare cases, department chairs or the faculty member's immediate supervisor may change the course grade of a student.

5.4.4 If the matter still remains unresolved or if the department chair is the course instructor of the student, then the student's concerns shall be referred to the Office of the Registrar, who shall submit the matter and all relevant written records to the Academic Standards Committee (ASC). The ASC shall maintain any files related to the appeal. The ASC exercises final authority in adjudicating the appeal. When the ASC agrees that a grade change is justified and concludes the appeal process, the student shall receive a Standard Letter grade for the course. The chairperson of the committee shall submit a Change of Grade Form to the Office of the Registrar. The ASC shall contact all relevant parties regarding the grade change. 5.4.5 Grade changes determined by the ASC shall supersede the grade determined by the faculty member and/or his or her immediate supervisor. The judgment of the ASC is final.

[\*Note, what policy calls ASC is what is now aforementioned CAS]

After that, petitions for grade change form is at <https://www.uvu.edu/cas/petitions/>. If you or any students go this route, practice tenacity.

## Registering and Auditing Courses

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UVU students can register before the semester starts, or during the semester (late registration), audit courses, take a leave-of-absence (LOA), add/drop courses, request transcripts and records of academic work, and petition for refund, etc.

Students who wish to take courses for no credit can audit them. This is typically done for personal enrichment and sometimes for students to decide what areas of study they may want to pursue. At UVU, the following grades are not computed in determining the GPA: W (official withdrawal), I (incomplete), AU (Audit), CR (credit granted), CEU (non-credit – continuing education), T (in progress); (<https://www.uvu.edu/catalog/current/policies-requirements/academic-policies-and-standards.html>).

Also see: <https://www.uvu.edu/registration/>

[Registering and auditing classes video](#)

## Health Services

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Often, the stress of adjusting to college, being away from your typical social support systems, and balancing work, homework, and life, can have a deep impact on your state of mind. Many students find themselves dealing with issues like depression, anxiety, and other mental health concerns for the first time. Please remember that you are not alone in these experiences and that there are plenty of resources out there for you.

If you find yourself dealing with a mental health issue, it is not your “fault,” and you are not just “making excuses,” but you do need to take it seriously and get help. You are what is most important. There is no shame in acknowledging the issue and talking to someone. Let your instructor know, talk to your academic advisor, or reach out to Student Health Services in SC 221 or 801.863.8876. You can also visit <https://www.uvu.edu/studenthealth/> to learn more.

[Health services video](#)

## Advising

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Academic Advising in CET is more than just meeting with an advisor to determine your class schedule. Advising is one of the most important services the university offers to students. Advising encourages students to think critically, seek out resources, and develop action plans and goals. It also provides students

with the information and encouragement they need to take personal responsibility for exploring options and making decisions.

Academic Advising is a shared responsibility between the student and advisor. A student and his/her advisor are collaborators, and the partnership requires participation and involvement of both the advisor and the student.

Ultimately, the college experience you build at UVU is your responsibility. We are here to help you navigate and interpret the university experience, and we will assist you by providing information and resources, but you are responsible for choosing and planning your individual program and for meeting academic deadlines and requirements.

In CET, we see students mostly by appointment. The online scheduler allows you the opportunity to schedule at a time that we will be available when you are. There may be times where we do allow walk-ins.

Email is the quickest way to get information or have questions answered. Phone calls will not be answered if we are with a student.

## Student Expectations

What can you expect from your advisor?

- Be accessible for advising by telephone, email, or in-person during office hours.
- Maintain confidentiality.
- Encourage, support, and help guide you in defining your academic, career, and personal goals.
- Assist you in creating an education plan consistent with your goals.
- Effectively communicate and help you navigate the curriculum and graduation requirements, as well as university academic policies and procedures.
- Assist you in gaining decision-making skills and in assuming responsibility for their educational plans and achievements.
- Provide a safe and comfortable atmosphere for advisement sessions.
- Be honest, helpful, courteous, and respectful with you.

## Advisor Expectations

What can my advisor expect from me?

- Schedule regular appointments or make regular contacts with advisor during each semester.
- Give notice in advance if you need to reschedule or cancel any advising appointments.
- Be on time for your scheduled appointments. Give yourself time for parking and walking. Please do not arrive 15-20 minutes late and expect to be seen. (You wouldn't be seen by your doctor, dentist, or even hairstylist if you showed up that late.)
- Come prepared to actively participate in each advisement session by bringing questions, concerns, or materials for discussion.
- Provide your UV ID in ALL communication with your advisor (email, phone message, etc.).
- Help develop an education plan for successfully achieving your goals.
- Check your myUVU account regularly for email from your advisor and UVU. (You can forward this email address to one you do access often.)

- Recognize your limitations (School/Family/Employment).
- Recognize our limitations in responding to you! Give us some time and patience!
- Be honest and respectful in your interactions.
- Ask questions if you do not understand an issue or have a concern – communicate!
- Know college program, policies, and procedures as you solidify career goals.
- Accept responsibility for your decisions and registering for your classes on time each semester, as well as getting in to see your advisor in a timely manner. Lack of planning on your part does not constitute an emergency on ours.

[CET Advising video](#)

## Academic Programs in the College of Engineering and Technology

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### Architecture & Engineering Design (AED)

The Bachelor of Architecture is a 5-year professional degree. It features a rigorous design-oriented curriculum with a solid foundation in technology, practice-based coursework, plan and document generation, building codes, specifications, digital parametric modeling, building information modeling, architectural visualization, digital fabrication, building envelope systems, structural systems, and building sustainability. Students will become experts in current design and building technologies, making them ideal employees in architecture offices and related design & construction industries including civil, mechanical, and electrical.

Engineering Design Technology (formerly Drafters/designers) translate ideas from design layouts, specifications, rough sketches, and calculations of engineers & architects into working drawings, maps, plans, and illustrations, using 3D modeling systems. They work in mechanical, electrical electronic, structural, architectural, civil, piping, and technical illustration fields.

Surveying and Mapping will prepare students for a profession in Surveying, Mapping, and Geospatial Science on a state, regional, national and international level in public, private, and academic settings. In this program, students will be able to demonstrate knowledge and skills in data acquisition, modeling, analysis, integration, and management of geospatial reference data used to produce deliverables for land surveying, civil engineering, cartography, geographic information systems (GIS), geodesy, and remote sensing.

[Architecture and Engineering Design \(AED\) video](#)

### Aviation Science

Professional Pilot prepares students for employment with airlines as well as private and corporate operators. FAA flight training is required as part of the curriculum and graduates leave with a minimum Commercial Pilot Certificate, with the option of additional certificates up through Multi-Engine Instructor that can be used



as electives. UVU graduates are employed by U.S. and international airlines, cargo carriers, corporate flight departments, and many others.

Aviation Management teaches general management skills and exposes students to the seemingly limitless career opportunities in the aerospace industry. The degree serves as a foundation, providing necessary knowledge, vital experiences, internships, certifications, and guidance on any additional training or experience that may be necessary for a chosen career path.

Aerospace Technology Management is designed to prepare graduates for a variety of professional and technical roles across an aerospace product's life cycle. Skills in aerospace technology management will be learned and applied to air and space vehicle sustainability systems, certification and reliability management, customer management, project management, process improvement, aftermarket services, business development, manufacturing, inspection programs, and safety management systems, and a variety of other areas.

[Aviation Science video](#)

## Computer Science (CS)

Computer scientists use the theory and practice of computing to explore new and exciting ways to create software systems. They develop software in areas such as artificial intelligence, machine learning, and database for websites like Amazon. Algorithms developed by computer scientists enable us to search the web through Google and link with friends through Facebook.

Software Engineers design and develop large software systems. They may lead teams of software developers or quality assurance engineers. They also work with users and customers to understand their needs. Software systems, such as Microsoft Office, are implemented by software engineers.

Master of Computer Science focuses on preparing students to take on leadership roles and become industry innovators. They may be technical managers or software architects. They are experts in advanced topics such as deep learning and large-scale system implementation.

[Computer Science \(CS\) video](#)

## Construction Technologies (CT)

Construction Management programs include the knowledge, as well as the technical, administrative and communication skills, necessary to succeed in the construction industry.

Students will demonstrate the knowledge and skills to deliver construction projects with respect to scope, schedule, budget, quality, safety, and the environment.

Construction Technologies include Heavy Civil, Commercial, and Residential structures; Facilities Management; and Cabinetry & Architectural Woodworking.

[Construction Technology video](#)

## Digital Media (DGM)

Animation and Game Development provides students the opportunity to gain skills that are central to industry best practices in preparation for positions as technical artists or technical directors, with a focus on aesthetics, scripting, and 3D modeling.

Digital Audio is a powerful gateway into the fascinating world of album recording and mixing, location and post-production sound for film and video, audio restoration and forensics, live sound, radio production, audio for video games, and audio hardware and software design

Digital Cinema Production trains students in the development, production and post-production process of filmed media content for film, television and web-based entertainment. Advanced students can focus their study on different skill sets including Directing for Digital Cinema, Writing for Digital Cinema, Cinematography, Production, Post-Production, Documentary, and Sports Broadcasting.

Web Design and Development fuses together web design, interaction design, digital product design, front-end web development, web and app development, and delivery of rich media content through the medium of the Internet to handheld mobile devices as well as desktop computers.

[Digital Media video](#)

## Engineering

Mechanical Engineering students are prepared to work for local, state, and federal governments; biomedical and aerospace fields; manufacturing sectors; consulting firms; transportation industry; and high tech and energy sectors.

Civil Engineers will apply scientific principles to the design and supervision of infrastructure components including buildings, roads, bridges, dams, tunnels, mass transit systems, and airports. Civil engineers are also involved in environmental studies and the design and supervision of municipal water supplies and sewage systems.

Electrical Engineering provides a broad foundation through combined classroom and laboratory work and prepares students for entering the profession of electrical engineering such as energy production, transport, and distribution, smart grids and design of automated electrical systems.

Computer Engineering encompasses the science and technology of design, construction, implementation, testing, and maintenance of integrated software and hardware components of modern computing systems and computer-controlled equipment (cell phones, video games, laptops).

[Engineering video](#)

## Engineering Technology (ET)

Automation & Electrical Technology Electrical Automation technologists work with the latest automation technology that control manufacturing and industrial facilities, processes, and machines. Automation technologists troubleshoot, wire, repair, adapt, maintain, program, design, integrate, and control fully functional automated electrical systems found in a ubiquitous industry.

Mechatronics provides students with in-depth training in areas such as: Automation Motors, Industrial Networks, Industrial Robots, CNC Machines, and Advanced Pneumatic Designs. It is focused on designing machines and automated systems needed by industry.

[Engineering Technology video](#)

## Information Systems & Technology (IS&T)

Information Systems involves developing and deploying enterprise-level systems to meet organizational needs. It involves collecting, filtering, creating, processing & interpreting information. IS graduates have a strong business curriculum complimented by courses that focus on utilizing and creating information systems to solve business problems. We offer emphases that focus on Business Intelligence, Application Development, and Information Security Management.

Information Technology includes installing, managing, and maintaining the computing infrastructure on which organizational systems run. IT prepares students to work as data communication consultants, information security analysts, and network administrators. The core of the IT program prepares students with a strong foundation in Computer Architecture, Data Communication, Cybersecurity, Networks, and System Administration.

Information Management is designed to prepare students to supervise and manage the operations and personnel of business and industry. Information managers are involved in the acquisition of information, the custodianship, and the distribution of that information to those who need it, and its ultimate disposition through archiving or deletion.

Business & Marketing Education prepares graduates to teach the fundamentals of Business, Marketing, and Business Information Technology to Junior High and High School students in the State of Utah.

Master of Science in Cybersecurity equips technology professionals to safeguard our society and our world from threats such as monetary or identity theft, disruption of defense systems, elections, transportation or energy infrastructure, and other business needs by assessing security needs, creating, managing, and maintaining security systems and protocols. Whether you want to start a new career as a cybersecurity professional, analyst, or specialist, looking to pursue a doctorate or currently working in cybersecurity, this program focuses on the managerial and technical perspectives of cybersecurity through extensive use of case-studies and hands-on lab exercises.

[Information Systems and Technology video](#)

## Technology Management (TM)

The Bachelor of Science in Technology Management prepares students to manage complex technical projects, manage people within a technical environment; prepare to succeed in an ever changing environment which is reliant on technology; be on the forefront of innovation and the future of work; or prepare for graduate studies. Employers are regularly seeking technically savvy individuals who can speak clearly about technical innovations while having the skill set to manage a wide variety of individuals.

The Associate of Applied Science Degree in Technology is designed for individuals working in a technical area who have considerable work experience and/or have obtained specialized certifications, licenses, apprenticeships, etc. Many of these students will be looking for a degree to allow them better upward mobility in their jobs or careers

The Master of Science in Engineering and Technology Management prepares engineering and technological professionals to make process-, product-, and project-oriented strategic and operational decisions and become leaders in the management of technology by providing the link between engineering, science, and management. It helps companies, research organizations, and governments to plan, develop, and implement technologies by specifically addressing real needs identified by industry leaders.

## Transportation Technologies

Collision Repair is a two-year AAS Degree program that provides students with the ability to learn industries best practices in Surface Preparation, Nonstructural Repair, Welding, Refinishing, Color Matching, Detailing, Blending, Structural Damage Analysis, Repair and Replacement, Advanced Vehicle Systems diagnostics and repair and Plastic/Composite Repair.

Diesel Mechanics is a two-year AAS Degree program that provides students with the ability to learn Diesel engine and diagnostics, hydraulics, electricity/electronics, power train, and chassis.

Automotive Technology is a two-year AAS Degree program that provides students the ability to learn on the latest vehicle technologies with the most up-to-date equipment on steering/suspension systems, alignment diagnosis and repair, computer data retrieval, computer updates and programming, electrical diagnosis, automotive propulsion and guidance systems, autonomous vehicle data systems, hybrid and electric vehicle systems, and autonomous driver assisted systems (ADAS).

Powersport Technology is a two-year AAS Degree program that provides students with the ability to learn about the many different platforms in the powersports industry. These machines include snowmobiles, personal watercraft, motorcycles, ATV's, UTV's, and many different types of outdoor power equipment.

## Degree Offerings

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The following table shows the list of departments and programs/degrees offered in each. For further information about programs and degrees either contact your advisor, or Associate Dean of Student Affairs, or visit the College of Engineering and Technology web page at: [uvu.edu/cet](http://uvu.edu/cet). All departments listed in the table

below offer variety of degree programs. Therefore, the degrees listed below are for department and not for all programs in the department.

Department	AAS	AS	BS	CoC	CoP	Diploma	GC	Minor	MS
Architecture & Engineering Design	x	x	x		x				
Aviation Science	x	x	x						
Civil Engineering			x						
Computer Engineering (*)			x						
Computer Science	x	x	x	x				x	x
Construction Technologies	x	x	x	x	x	x			
Digital Media	x		x		x			x	
Electrical Engineering (*)			x						
Engineering Technology	x	x	x						
Information Systems & Technology	x	x	x	x	x		x	x	x
Mechanical Engineering (*)			x						
Technology Management	x		x		x			x	x
Transportation Technologies	x	x	x	x		x			
Pre-Engineering				x					

Key: AAS: Associate in Applied Science	AS: Associate of Science
BS: Bachelor of Science	CC: Certificate of Completion
CP: Certificate of Proficiency	GC: Graduate Certificate
MS: Master of Science	

(\*) Students in Engineering programs can choose Computer Science as a minor

## Directory of Important Contacts in CET

Name (last, first)	Title	Office	Email	Areas
Harps, Julie	CET Academic Advising Director	CS 635	<a href="mailto:JHarps@uvu.edu">JHarps@uvu.edu</a>	College of Engineering and Technology
Flanagan, Kelly	Dean, College of Engineering and Technology	CS 720	<a href="mailto:Kelly.Flanagan@uvu.edu">Kelly.Flanagan@uvu.edu</a>	College of Engineering and Technology
Arendt-Bunds, Anne	Associate Dean for Student Affairs	CS 636D	<a href="mailto:Anne.Arendt@uvu.edu">Anne.Arendt@uvu.edu</a>	CET Student Affairs
Mulbery, Keith	Associate Dean for Academic Affairs	CS 606A	<a href="mailto:Keith.Mulbery@uvu.edu">Keith.Mulbery@uvu.edu</a>	CET Academic Affairs
Smith, Emily C.	Admin Support IV	CS 720	<a href="mailto:EmilyS@uvu.edu">EmilyS@uvu.edu</a>	Administrative Assistant to the CET Dean
Smith, Sid	Chair, Architecture and Engineering Design Department	CS 704 B	<a href="mailto:SmithSi@uvu.edu">SmithSi@uvu.edu</a>	Architecture and Engineering Design
			Admin Assistant: Chris Bigelow	
Leick, Ryan	Chair, Aviation Science	HB 209	<a href="mailto:RLeick@uvu.edu">RLeick@uvu.edu</a>	Aviation Science
			Admin Assistant: Ashley Hollister	
Rudolph, George	Chair, Computer Science Department	CS 520J	<a href="mailto:George.Rudolph@uvu.edu">George.Rudolph@uvu.edu</a>	Computer Science
			Admin Assistant: Terry Hill	
Warcup, Robert	Chair, Construction Technologies	GT 610a	<a href="mailto:Robert.Warcup@uvu.edu">Robert.Warcup@uvu.edu</a>	Constructions Technologies
			Admin Assistant: Tracy Eubanks	
Brown, Kim	Chair, Digital Media Department	CS 526j	<a href="mailto:Kim.Brown@uvu.edu">Kim.Brown@uvu.edu</a>	Digital Media
			Admin Assistant: Kim Shaw	
			<a href="mailto:MMasoum@uvu.edu">MMasoum@uvu.edu</a>	Engineering

Sherkat Masoum, Mohammad A.	Chair, Engineering Department	CS 425H	Admin Assistant: Emily Demke	
Lundahl, Diana	Chair, Engineering Technology Department	CS 632	<a href="mailto:DLundahl@uvu.edu">DLundahl@uvu.edu</a>	Engineering Technology
			Admin Assistant: Brittany Bunker	
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