College of Technology and Computing

The mission of the College of Technology and Computing is to prepare students for successful careers or advanced study in a dynamic, technology-based, global environment. The college utilizes an applied learning environment to provide the needed technical knowledge, skills, and scholarship that enable students to excel in their chosen profession. In addition, the college is committed to mutually enriching relationships with alumni, government, regional industry--and beyond, to supplement the classroom, to provide real-world experience, and to foster a desire for lifelong learning.

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  - Information Systems M-Z
  - Information Technology M-Z
  - Geomatics
  - Cybersecurity

- **Advisors**:
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College of Technology and Computing

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  - Computer Science G-N
  - Computer Engineering
  - Software Engineering

- **Chelsey Chalk**
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    - Mechatronics A-L
    - Pre-Engineering N-Z

- **Kyle Erickson**
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    - Information Management A-L
    - Information Systems & Technology A-L
    - Administrative Information Management
    - Business Marketing Education

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    - Engineering Design Technology

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    - Culinary Arts

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    - Digital Media A-L

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    - Computer Science A-F
    - Computer Engineering
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    - Computer Science O-Z
    - Computer Engineering
    - Software Engineering

- **Amy Ostler**
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  - **Email:** ostleram@uvu.edu
    - Construction Management
    - Building Inspection Technology
    - Cabinetry and Architectural Woodwork
    - Facilities Management
    - Mechatronics Technology M-Z

- **Carrie Peterson**
  - **Office:** CS 635
  - **Telephone:** 801-863-7454
• Email: petersonca@uvu.edu
  • Automotive Technology
  • Collision Repair Technology
  • Diesel Mechanics
  • Technology Management

• Joyce Porter
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  • Digital Media M-Z

Degrees Offered

**Master**

Computer Science
Cybersecurity

**Bachelor of Science**

Animation and Game Development
Business/Marketing Education
Computer Engineering
Computer Science
  • Computer Networking
  • Computer Science

Construction Management
Digital Audio
Digital Cinema
Geomatics
Information Management
Information Systems
  • Business Intelligence Systems
  • Geographic Information Systems
  • Health Information Systems

Information Technology
  • Computer Forensics and Security
  • Network Administration and Security

Mechatronics Engineering Technology
Software Engineering
Technology Management
  • Technical Emphases: (See Advisor for Applicable AAS Degree)

Web Design and Development
  • Interaction and Design
  • Web and App Development

**Associate in Science/Arts**

Administrative Information Management
Automotive Technology
Cabinetry and Architectural Woodwork
Computer Science
Electrical Automation and Robotics Technology
Engineering Design Technology
Geomatics
Information Systems and Technology
Pre-Engineering
  • Pre-Engineering

**Associate in Pre-Engineering**

Pre-Engineering
  • Biological and Chemical Engineering
College of Technology and Computing

• Civil and Mechanical Engineering
• Computer and Electrical Engineering

**Associate in Applied Science**

Administrative Information Support  
Automotive Technology  
Building Inspection Technology  
Cabinetry and Architectural Woodwork  
Collision Repair Technology

• Collision Repair  
• Street Rod

Computer Science

• Computer Engineering  
• Computing and Networking Science

Construction Management  
Culinary Arts  
Diesel Mechanics Technology  
Digital Communication Technology  
Electrical Automation and Robotics Technology  
Engineering Design Technology  
Facilities Management  
Information Systems and Technology  
Mechatronics Engineering Technology  
Technology  
Pre-Engineering

• Biological and Chemical Engineering  
• Civil and Mechanical Engineering  
• Computer and Electrical Engineering

**Diploma**

Automotive Technology  
Cabinetry and Architectural Woodwork  
Collision Repair Technology

• Collision Repair  
• Street Rod

Diesel Mechanics Technology

**Certificate of Completion**

Administrative Support  
Automotive Technology  
Building Inspection Technology  
Cabinetry and Architectural Woodwork  
Collision Repair Technology  
Construction Management  
Culinary Arts  
Diesel Mechanics Technology  
Network Administration  
Programmer

**Certificate of Proficiency**

Information Technology  
Six Sigma Green Belt

**Minor**

Applied Data Analytics  
Business Education

• Basic Business Core  
• Business Information Technology  
• Marketing

Business Information Technology
Computer Science
Digital Media
Information Systems and Technology
Technology Management

Departments. For program descriptions, see individual departmental sections in this catalog or on the department webpages.

Automotive Technology

- Automotive Technology
- Collision Repair Technology
- Diesel Mechanics Technology
- Street Rod

Department Chair: Don Wilson
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Administrative Support: Katreena Davis
Office: SA 306
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Email: daviska@uvu.edu

The mission of the UVU Automotive Department is to conduct academic and applied teaching. The training programs provide qualified employees for entry level positions in all categories of the Automotive, Collision / Refinish, and Diesel repair technology industries. These programs will afford students the opportunity to attain a one, two, and/or four-year degree at the completion of their training. The training provided will have an emphasis on basic skills and principles which will allow participants to adapt to new and ever changing technologies. Current and foreseeable technology will be utilized in presenting and practicing basic performance skills.

Computer Science

- Department Chair: Neil Harrison
Office: CS 520M
Telephone: 801-863-7312
Email:

Administrative Support: Sallie Dodge
Office: CS 520
Telephone: 801-863-8218
Email: sdodge@uvu.edu

Construction Management

- Building Inspection
- Cabinetry and Architectural Woodwork
- Facilities Management

Department Chair: Eric Linfield
Office: GT 675m
Telephone: 801-863-8250
Email: eric.linfield@uvu.edu

Administrative Support: Robin Bogner
Office: GT 610
Telephone: 801-863-7405
Email: Robin.Bogner@uvu.edu

The mission of the Clyde Construction Management Institute is to build on a foundation of engaged learning that fosters integrity, creativity and scholarly work. Success is measured by learners who leave professionally prepared to build better communities through service, leadership and lifelong learning.

Culinary Arts Institute

- Department Chair: Todd Leonard
Office: CL 104
Telephone: 801-863-8087
Email: TLeonard@uvu.edu

Administrative Support: Marsha Peterson
Office: CL 102
Telephone: 801-863-6825
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College of Technology and Computing

The Culinary Arts Institute is a practical teaching institute that provides opportunity and promotes student success while meeting regional educational needs. Our program provides students with a blend of theoretical, practical, and real world educational experiences through scholarly, creative and engaged industry based learning. We are committed to excellence and strive to provide a learning environment that maximizes student talent and potential both personally and professionally.

Digital Media
• **Department Chair:** Arlen Card  
  • Office: CS 526g  
  • Telephone: 801-863-5301  
  • Email: Arlen.Card@uvu.edu
  
  • **Administrative Support:** Gloria Schneider  
  • Office: CS 526  
  • Telephone: 801-863-8485  
  • Email: schneigl@uvu.edu

Digital Media (DGM) fuses both fundamental theory and practical application in the production of electronically generated content to be delivered via Internet, radio and television, digital cinema, computer games, animation and cinematic visual effects, as well as for emerging technologies such as mobile computing (hand-held computing devices). The curriculum integrates these digital mediums to entertain, educate, and communicate ideas through meaningful human interaction. DGM provides motivated and dedicated students the opportunity to work closely with professionally active faculty members committed to the future of the digital disciplines.

Engineering Technology
• Engineering Technology  
  • Electrical Automation & Robotics Technology  
  • Mechatronics Technology  
  • Pre-Engineering
  
  • **Department Chair:** Dave Adams  
  • Office: CS 632  
  • Telephone: 801-863-6052  
  • Email: adamsda@uvu.edu
  
  • **Administrative Support:** Christine Peterson  
  • Office: CS 632  
  • Telephone: 801-863-5571  
  • Email: Christine.peterson@uvu.edu

The Mission of the Engineering Technology Department is to prepare graduates to work in high demand, very technical, vastly diverse, automated industries that provide products and services to keep our state and national economy running. The Pre-Engineering graduates are prepared to go into upper level engineering fields at local universities in the state. The Mechatronics graduates are focused on designing the newest machines and automated systems needed by industry. The Electrical Automation and Robotics Technology graduates keep industry running by fixing, adapting, programming, and maintaining the automated machines and systems used in industry. The hands on/class room/lab learning approach used in the Engineering Technology Department is the best skill learning approach in higher education.

Engineering Design Technology
• **Department Chair:** Robert Price  
  • Office: CS 704g  
  • Telephone: 801-863-8145  
  • Email: pricero@uvu.edu
  
  • **Administrative Support:** Christine Bigelow  
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  • Telephone: 801-863-8363  
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The mission of the Engineering Design Technology Department is to prepare future professionals to engage in the diverse disciplines of Engineering Design, Geomatics, Electrical Automation and Robotics, Mechatronics, and Pre-Engineering. The Department cultivates an elevated commitment to work ethic, quality, productivity, and service. Successful graduates will be dynamic self-starters and lifelong learners who are serious about work and accept the stewardship of designing the future.

Information Systems & Technology
• **Department Chair:** Keith Mulbery  
  • Office: CS 601g
The mission of Information Systems & Technology Department is to offer stackable degree programs to provide students with engaged learning opportunities to help students develop technical, communication, managerial, and lifelong-learning skills. The department’s programs prepare students for opportunities in information systems, information technology and security, information management, and education.

Technology Management
• **Department Chair:** Angela Trego
  • Office: GT 613a
  • Telephone: 801-863-7175
  • Email: angela.trego@uvu.edu

• **Administrative Support:** Wendy Ellison
  • Office: GT 616
  • Telephone: 801-863-8137
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The mission of the Technology Management department is to provide academic degrees in technical and operations management relevant to the global economy. Our courses provide appropriate knowledge and skills through engaged learning, hands-on activities, scholarship investigation, ethical responsibility, creativity, and lifelong learning. Students will be prepared for professional careers in management and entrepreneurship as well as provided with a strong foundation for advanced academic study. Our graduates will also be prepared to contribute to their employers and communities through leadership, service, and a concern for the environment.