

Updated July 16, 2004

Disclaimer: A number of organizational changes will be considered by the Board of Trustees and the Board of Regents. Please see your advisor. Updated information will be posted in the online catalog at the SUU website <http://www.suu.edu/academics/catalog/>.

Effective July 1, 2004 The School of Applied Science and Technology was reorganized and replaced with the College of Computing, Engineering, and Technology. <http://www.suu.edu/ciet/>

## School of Applied Science and Technology

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The School of Applied Science and Technology at Southern Utah University is composed of two departments:

- Department of Applied Science
- Department of Applied Technology

### Mission

The mission of the School of Applied Science and Technology is to provide educational opportunities for students whose interests are essentially application oriented. The school is involved in related scholarship of application and service activities. The primary goal of the school is to produce highly skilled technical specialists and occupationally ready graduates in technology, information systems applications, family and consumer sciences, and agriculture. Graduates will demonstrate marketable skills and potential for growth to meet defined workforce needs primarily for agriculture, business, industry, service and government agencies. In addition, the school provides professionally prepared teachers and leadership personnel for family and consumer sciences and technology education as well as opportunities for students to pursue advanced degrees in a number of academic areas. A key role of the School of Applied Science and Technology is to interface programs with the Utah College of Applied Technology in addition to programs across the SUU campus and the state.

### Vision

The Southern Utah University (SUU) School of Applied Science and Technology (SAST) provides students with learning opportunities for successful careers in their chosen fields of study in a globally competitive marketplace. To fulfill this mission, the School of Applied Science and Technology will:

- provide hands-on education and real-life experiences in a variety of agricultural, trade, technical, business, service, government and health-related industries;
- deliver a broad offering of Baccalaureate, Associate of Applied Science degrees, and certificate programs in applied science and technology;
- maintain interdisciplinary academic partnerships and, where appropriate, coordinate with colleagues and programs across the campus to develop unique offerings to meet specific workforce needs;
- develop opportunities for high school students to articulate credits with post-secondary programs;
- provide educational opportunities for students to become licensed teachers in areas encompassed by applied science and technology;
- create an environment to encourage life-long learning;
- develop each student's ability to adapt to the fast-paced, rapidly changing technological employment requirements of society and the industries served;
- work closely with the Utah College of Applied Technology to

- ensure the transferability of competency based credit and degrees;
- work closely with the Southwest Applied Technology College to share facilities and resources to benefit both institutions and the Southwest Region ATE.

### Undergraduate Degrees and Majors

#### Bachelor of Interdisciplinary Studies

- Agricultural Science and Industry (with emphases in Agribusiness, Animal Science, Plant Science, and General Agriculture)
- Natural Resources and Environmental Studies

#### Bachelor of Arts and Bachelor of Science

- Biology Agricultural Science and Pre-veterinary advisement
- Construction Management (Composite Degree)
- Criminal Justice
- Engineering Technology Composite (emphases in CAD/CAM, CAD/GIS, Electronics)
- Family and Consumer Sciences (emphases—Early Childhood Development, Interior Design, and Nutrition and Food Science)
- Family and Consumer Sciences Education (Composite Degree)
- Technology Education (Composite Degree)
- Note: Composite Majors and BIS do not require a minor

#### Associate of Applied Science

- Agriculture: Livestock and Farm Management
- Networking and Telecommunications
- User Support Services
- Interior Design
- Early Childhood Development
- Automotive Technology
- Cabinetmaking and Millwork
- Construction Technology
- Criminal Justice
- Paralegal
- Design Technology
- Electronics Technology

#### Certificates

- Agriculture: Livestock Farm Management
- Information and Office Systems Technology
- Automotive Technology
- Civil Design
- Construction Technology

Effective July 1, 2004 the department of Agriculture was moved to the College of Science <http://www.suu.edu/sci/>

The department of Nutrition Science was moved to the College of Science <http://www.suu.edu/sci/>

The department of Family and Consumer Science was moved to the College of Education <http://www.suu.edu/edu/>

The department of Criminal Justice was moved to the College of Humanities and Social Sciences <http://www.suu.edu/hss/>

The department of technology was moved to the College of Computing, Integrated Engineering and Technology <http://www.suu.edu/ciet/>

## Accreditation

The automotive technology program is accredited by the National Automotive Technicians Education Foundation (NATEF), the education arm of Automotive Service Excellence (ASE). The mission of ASE is to improve the quality of automotive service and repair through the voluntary testing and certification of automotive technicians.

Technology education is accredited by the International Technology Education Association (ITEA), the professional organization of technology teachers. ITEA strengthens the profession through leadership, professional development, membership services, publications, and classroom activities.

## Student Advising

Students are assisted in selecting appropriate courses through the joint efforts of faculty advisors and the School of Applied Science and Technology academic advisor. Freshman, sophomore, and new transfer students should contact the School of Applied Science and Technology advisor in the General Classroom Building, Room 406, 435-586-8702, or e-mail the advisor at: [delactn@suu.edu](mailto:delactn@suu.edu).

## Student Scholarships

Scholarships are available to students demonstrating potential for academic excellence in disciplines within Applied Science and Technology. Students must submit the appropriate applications by

February 1. Interested students should contact the Financial Aid Office, Sharwan Smith Center, room 167, 435-586-7735.

## Student Organizations

In order to experience college life to the fullest, participation in student organizations is encouraged. Among the many student organizations of interest to applied science and technology majors are the following:

- Alpha Phi Sigma (Criminal Justice Honor Society)
- Alternative Spring Break
- Block and Bridle
- National Association of Home Builders
- Phi Beta Lambda
- Sigma Delta Omicron
- Skills USA - VICA
- Kappa Omicron Nu (FCS Honor Society)

## Special Requirements and Options

### Internships

Many companies and governmental institutions provide exceptional opportunities for students to develop skills in a "professional" environment. Students' internship assignments are jointly supervised by company management and Southern Utah University faculty members. Academic credit is awarded for internships and financial compensation may be available. More information is available from the departments.