

College of Computing, Integrated Engineering, and Technology

Dean: Mikhail Bouniaev
Engineering and Technology Building 129 ~ (435) 865-8192
bouniaev@suu.edu

Secretary: Michele DeMille
Engineering and Technology Building 129 ~ (435) 586-5413
demillemm@suu.edu

Academic Adviser: Nancy DeLaet
Engineering and Technology Building 118 ~ (435) 586-8702
delaetn@suu.edu
Advising Website: <http://www.suu.edu/ciet/programs.html>

College Website: <http://www.suu.edu/ciet>
College Fax: (435) 586-7831

The College of Computing, Integrated Engineering, and Technology is composed of three departments:

- Department of Computer Science and Information Systems
- Department of Mathematics
- Department of Integrated Engineering and Technology

Mission

The mission of the College of Computing, Integrated Engineering, and Technology (CIET) is to provide a learning-centered environment that enables students to achieve their academic goals and to compete on a global level for careers in government, industry, secondary education, and acceptance to graduate school. The college provides programs in computer science, engineering, information systems, mathematics, technology, and interdisciplinary studies. The curricula are rich with opportunities for students to develop a sound understanding of fundamentals as well as specialized theories, practices, and ethics that enhance their learning. The CIET faculty is committed to providing high-quality education, individual guidance and assistance to students, and helping them grow intellectually, professionally, and personally while pursuing their academic goals.

Vision

The Southern Utah University (SUU) College of Computing, Integrated Engineering, and Technology (CIET) will be globally renowned for its excellence in education and scholarship within all of its comprehensive disciplines, ultimately becoming a role model for other institutions. To accomplish this, CIET will:

- access government and private resources which provide funding for scholarly activity and student training;
- create and maintain partnerships with both national and international peer institutions;
- cultivate computer, information systems, mathematics, engineering, and technology literacy in the general student population;
- develop venues for high school students to articulate credits to post-secondary programs;
- encourage and support faculty in the development of new knowledge and technology in the areas represented by CIET;
- establish collaborative relationships with business, industry and professional organizations when providing students with practical experiences that exemplify state-of-the-art;
- integrate a foundation for opportunities of life-long learning and adaptation to a changing, multicultural and technology-driven world;
- prepare regionally, nationally and globally competitive graduates actively sought by employers and post-bachelor institutions of higher learning;

- provide a learning environment which incorporates the study of fundamentals, the understanding of applications and the experience of practical skills.

Graduate Degrees

Master of Science in Forensic Science

Emphasis in Forensic Computer Science/ Information Systems

Undergraduate Degrees, Majors, Certificates and Minors

Bachelor of Arts and Bachelor of Science

Computer Science & Information Systems

Computer Science Composite
Computer Science Composite – Forensic Science Emphasis
Computer Science Composite – GIS Emphasis
Information Systems – Composite

Mathematics

Actuarial Science Emphasis
Bioinformatics Emphasis
Education Emphasis
Pure Mathematics Emphasis

Integrated Engineering & Technology

Integrated Engineering
Construction Management Composite
Engineering Technology Composite – Architectural/Civil Design Emphasis
Engineering Technology Composite – CAD/CAM Emphasis
Engineering Technology Composite – CAD/GIS Emphasis
Engineering Technology Composite – Electronics Emphasis
Technology Education Composite – Career and Technical Emphasis

Associate of Applied Science Degrees

Computer Science & Information Systems

Information Technology with an emphasis in one of the following fields: Information Technology, Networking/Telecommunications, Computer and Information Systems Security.

Integrated Engineering & Technology

Automotive Technology
Cabinetmaking & Millwork
Construction Technology
CAD/CAM Technology
Electronics Technology

Associate of Pre-Engineering Degrees

Biological Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Electrical Engineering
Environmental Engineering
Materials Science Engineering
Mechanical Engineering

Certificates

Automotive Technology
Civil Drafting/CAD
Construction Technology

Minors

Computer Science (Non-Teaching)
Computer Science Emphasis in Teacher Education
Computer Science Emphasis in Forensics
Information Systems (Non-Teaching)
Actuarial Mathematics
Pure Mathematics

Mathematics Education
Automotive Technology
CAD/CAM Technology
Construction Technology
Electronics Technology

Accreditation

The automotive technology program has been accredited by the National Automotive Technicians Education Foundation (NATEF) and 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.

The Integrated Engineering Program is accredited by the Accreditation Board for Engineering and Technology (ABET), the recognized U.S. accreditor of university programs in applied science, computing, engineering, and technology. Accreditation ensures the quality of the postsecondary education students receive.

Student Advising

Students are assisted in selecting appropriate courses through the joint efforts of faculty advisers and the College of Computing, Integrated Engineering, and Technology (CIET) academic adviser, Nancy DeLaet. Interested students should contact the CIET adviser in the Engineering and Technology Building, Room 118, (435) 586-8702, or e-mail the adviser at: delaetn@suu.edu. Important and helpful information regarding CIET advising issues can be found at <http://www.suu.edu/ciet/programs.html>.

Student Scholarships

Scholarships are available to students demonstrating potential for academic excellence in disciplines within Computing, Integrated Engineering, 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:

- Alternative Spring Break
- Computing Club
- Engineering Club
- National Association of Home Builders
- Phi Beta Lambda
- Skills USA

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 department.

