College of Computing, Integrated Engineering & Technology
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I. CIET Mission & Goals

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 fundamental as well as specialized theories, practices, and ethics that enhance their learning. The faculty of CIET 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.

II. Vision

The College of Computing, Integrated Engineering, and Technology 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 the college 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
- 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.

III. Programs

The College of Computing, Integrated Engineering, and Technology (CIET) offers Bachelor of Arts and Bachelor of Science Degrees in the following departments

**Computer Science & Information Systems**
- Computer Science Composite
- Computer Science Composite – Forensic Science Emphasis
- Information Systems
Integrated Engineering & Technology
  Construction Management Composite
  Engineering Technology Composite – CAD/CAM
    Architectural/Civil Design Emphasis
  Engineering Technology Composite – CAD/CAM Emphasis
  Engineering Technology Composite – CAD/GIS Emphasis
  Engineering Technology Composite – Electronics and Computer Emphasis
  Integrated Engineering Composite
  Technology Education Composite – career and Technical Emphasis

Mathematics
  Actuarial Science Emphasis
  Bioinformatics Emphasis
  Math Education Emphasis
  Pure Mathematics Emphasis

Associate of Applied Science Degrees

Computer Science & Information Degrees
  Information Technology with an emphasis in one of the following fields:
    Computer and Information Systems Security
    Information Technology
    Networking/Telecommunications

Integrated Engineering & Technology
  CAD/CAM Technology
  Construction Technology
  Electronics Technology

Associate of Pre-Engineering Degree

Certificates
  Civil Drafting/CAD
  Construction Technology

Minors
  Computer Science (Non-Teaching)
  Computer Science Emphasis in Forensics
  Computer Science Emphasis in Teacher Education
  Information Systems (Non-Teaching)
  CAD/CAM Technology
  Construction Technology
  Electronics Technology
  Actuarial Mathematics
  Pure Mathematics
  Mathematics Education
Part Two

Faculty

Learning
Lives
Forever
# Faculty/ Staff Roster

## COLLEGE OF COMPUTING, INTEGRATED ENGINEERING AND TECHNOLOGY

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Interim Dean</td>
<td>Eric Freden</td>
<td><a href="mailto:freden@suu.edu">freden@suu.edu</a></td>
<td>ELC 420</td>
<td>865 8298</td>
</tr>
<tr>
<td>Advisor</td>
<td>Sharon Brown</td>
<td><a href="mailto:brownsh@suu.edu">brownsh@suu.edu</a></td>
<td>TH 118</td>
<td>865 8702</td>
</tr>
<tr>
<td>Coordinator</td>
<td>Natalie Burden</td>
<td><a href="mailto:burdenn@suu.edu">burdenn@suu.edu</a></td>
<td>TH 116</td>
<td>865 8090</td>
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## COMPUTER SCIENCE & INFORMATION SYSTEMS DEPARTMENT

<table>
<thead>
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<th>Name</th>
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<tbody>
<tr>
<td>Interim Department Chair</td>
<td>Rob Robertson</td>
<td><a href="mailto:robertson@suu.edu">robertson@suu.edu</a></td>
<td>ELC 305</td>
<td>865 8560</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td>Karen Lopez</td>
<td><a href="mailto:karenlopez@suu.edu">karenlopez@suu.edu</a></td>
<td>ELC 407</td>
<td>586 5405</td>
</tr>
<tr>
<td></td>
<td>Florin Balasa</td>
<td><a href="mailto:balasa@suu.edu">balasa@suu.edu</a></td>
<td>ELC 416</td>
<td>586 5473</td>
</tr>
<tr>
<td></td>
<td>Nathan Barker</td>
<td><a href="mailto:barkern@suu.edu">barkern@suu.edu</a></td>
<td>ELC 410</td>
<td>586 5415</td>
</tr>
<tr>
<td></td>
<td>Michael Grady</td>
<td><a href="mailto:gradym@suu.edu">gradym@suu.edu</a></td>
<td>ELC 417</td>
<td>865 7903</td>
</tr>
<tr>
<td></td>
<td>Laurie Harris</td>
<td><a href="mailto:laurieharris@suu.edu">laurieharris@suu.edu</a></td>
<td>ELC 205</td>
<td>586-7905</td>
</tr>
<tr>
<td></td>
<td>Shalini Kesar</td>
<td><a href="mailto:kesar@suu.edu">kesar@suu.edu</a></td>
<td>ELC 414</td>
<td>865 8029</td>
</tr>
<tr>
<td></td>
<td>Connie Nyman</td>
<td><a href="mailto:nyman_c@suu.edu">nyman_c@suu.edu</a></td>
<td>ELC 412</td>
<td>586 5411</td>
</tr>
<tr>
<td></td>
<td>Nasser Tadayon</td>
<td><a href="mailto:tadayon@suu.edu">tadayon@suu.edu</a></td>
<td>ELC 413</td>
<td>865 8634</td>
</tr>
<tr>
<td></td>
<td>Dezhi Wu</td>
<td><a href="mailto:wu@suu.edu">wu@suu.edu</a></td>
<td>ELC 415</td>
<td>865 8399</td>
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## ENGINEERING TECHNOLOGY & CONSTRUCTION MANAGEMENT DEPARTMENT

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<tr>
<td>Department Chair</td>
<td>Scott Hansen</td>
<td><a href="mailto:hansens@suu.edu">hansens@suu.edu</a></td>
<td>TH 129A</td>
<td>586 7984</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td>Daun Young</td>
<td><a href="mailto:youngd@suu.edu">youngd@suu.edu</a></td>
<td>TH 129</td>
<td>586 7977</td>
</tr>
<tr>
<td></td>
<td>Richard Cozzens</td>
<td><a href="mailto:cozzens@suu.edu">cozzens@suu.edu</a></td>
<td>TH 122</td>
<td>586 7983</td>
</tr>
<tr>
<td></td>
<td>Matthew Edwards</td>
<td><a href="mailto:edwardsm@suu.edu">edwardsm@suu.edu</a></td>
<td>TH 124</td>
<td>865 8115</td>
</tr>
<tr>
<td></td>
<td>Boyd Fife</td>
<td><a href="mailto:fife@suu.edu">fife@suu.edu</a></td>
<td>TH 121</td>
<td>865 7978</td>
</tr>
<tr>
<td></td>
<td>Roger Greener</td>
<td><a href="mailto:greener@suu.edu">greener@suu.edu</a></td>
<td>TH 101E</td>
<td>586 7987</td>
</tr>
<tr>
<td></td>
<td>Dave Ward</td>
<td><a href="mailto:ward@suu.edu">ward@suu.edu</a></td>
<td>TH 131</td>
<td>586 7981</td>
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## INTEGRATED ENGINEERING DEPARTMENT

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<tbody>
<tr>
<td>Department Chair</td>
<td>Glen Longhurst</td>
<td><a href="mailto:glenlonghurst@suu.edu">glenlonghurst@suu.edu</a></td>
<td>TH 128</td>
<td>586 7989</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td>Daun Young</td>
<td><a href="mailto:youngd@suu.edu">youngd@suu.edu</a></td>
<td>TH 129</td>
<td>586 7977</td>
</tr>
<tr>
<td></td>
<td>Roger Greener</td>
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<td>TH 101E</td>
<td>586 7987</td>
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<tr>
<td></td>
<td>Thad Morton</td>
<td><a href="mailto:thadmorton@suu.edu">thadmorton@suu.edu</a></td>
<td>TH 013</td>
<td>865 8343</td>
</tr>
<tr>
<td></td>
<td>John Murray</td>
<td><a href="mailto:murrayjm@suu.edu">murrayjm@suu.edu</a></td>
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<td>586 7908</td>
</tr>
<tr>
<td></td>
<td>Desmond Penny</td>
<td><a href="mailto:penny@suu.edu">penny@suu.edu</a></td>
<td>TH 014</td>
<td>586 7708</td>
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## MATHEMATICS DEPARTMENT

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<tr>
<td>Department Chair</td>
<td>Seth Armstrong</td>
<td><a href="mailto:armstrong@suu.edu">armstrong@suu.edu</a></td>
<td>ELC 402</td>
<td>865 8059</td>
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<tr>
<td>Administrative Assistant</td>
<td>Robin Archibald</td>
<td><a href="mailto:archibald@suu.edu">archibald@suu.edu</a></td>
<td>ELC 423</td>
<td>586-5448</td>
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<tr>
<td></td>
<td>Saïd Bahi</td>
<td><a href="mailto:bahi@suu.edu">bahi@suu.edu</a></td>
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<td>586 7907</td>
</tr>
<tr>
<td></td>
<td>Jim Brandt</td>
<td><a href="mailto:brandt@suu.edu">brandt@suu.edu</a></td>
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<td>586 5454</td>
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<td></td>
<td>Sarah Brown</td>
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<td></td>
<td>Walt Faucette</td>
<td><a href="mailto:faucette@suu.edu">faucette@suu.edu</a></td>
<td>SC 211</td>
<td>865-8028</td>
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<tr>
<td></td>
<td>Jianlong Han</td>
<td><a href="mailto:han@suu.edu">han@suu.edu</a></td>
<td>ELC 408</td>
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<tr>
<td></td>
<td>Derek Hein</td>
<td><a href="mailto:hein@suu.edu">hein@suu.edu</a></td>
<td>ELC 418</td>
<td>586 7902</td>
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<tr>
<td></td>
<td>Marty Larkin</td>
<td><a href="mailto:larkin@suu.edu">larkin@suu.edu</a></td>
<td>ELC 309</td>
<td>866 1987</td>
</tr>
<tr>
<td></td>
<td>Jana Lunt</td>
<td><a href="mailto:janalunt@suu.edu">janalunt@suu.edu</a></td>
<td>ELC 308</td>
<td>586-5472</td>
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<td></td>
<td>Gretchen Rimmensch</td>
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<td>ELC 421</td>
<td>586-5489</td>
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<tr>
<td></td>
<td>Andreas Weingartner</td>
<td><a href="mailto:weingartner@suu.edu">weingartner@suu.edu</a></td>
<td>sabbatical</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cecilia Weingartner</td>
<td><a href="mailto:weingartnerc@suu.edu">weingartnerc@suu.edu</a></td>
<td>ELC 406</td>
<td>865 8611</td>
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<tr>
<td></td>
<td>Chunlei Zhang</td>
<td><a href="mailto:zhange@suu.edu">zhange@suu.edu</a></td>
<td>ELC 401</td>
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I. Degree Tenure

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<td>Tenure-Track</td>
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<td>Non-Tenure-Track</td>
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<td><strong>Total</strong></td>
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<td><strong>24</strong></td>
<td><strong>8</strong></td>
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**Faculty, Tenured & Tenure-Track** 13

| Faculty with Doctorate: | 75% |
| Faculty without Doctorate: | 25% |

III. Faculty Credentials

**Seth Armstrong**
Associate Professor of Mathematics
B.S. 1990, Brigham Young University, M.S. 1992, Brigham Young University, Ph.D. in Mathematics 1996, Utah State University.

**Saïd Bahi**
Associate Professor of Mathematics

**Florin Balasa**
Associate Professor of Computer Science

**Nathan Barker**
Assistant Professor of Computer Science
B.A. 2002, Southern Utah University, Ph.D. 2007, University of Utah.

**Jim Brandt**
Assistant Professor of Mathematics
B.S. 1988, Marquette University; M.S. 1992, University of Utah, Ph.D.1995 Washington State University.

**Sarah Brown**
Assistant Professor of Mathematics

**Richard Cozzens**
Professional-in-Residence in CAD/CAM Engineering
B.S. 1989, Brigham Young University.
Matthew Edwards
Professional-in-Residence in Construction Management
B.S. 1997, Brigham Young University, M.S. 2001 Utah State University.

Walt Faucette
Assistant Professor NTT of Mathematics

Boyd Fife
Assistant Professor of Construction Management

Eric Freden
Associate Professor of Mathematics
B.A. 1988, Reed College, M.S. 1990, Portland State University, Ph.D. in Mathematics 1994, Brigham Young University.

Michael Grady
Associate Professor of Computer Science

Laurie Harris
Instructor of Information Systems

Jianlong Han
Assistant Professor of Mathematics
B.S. 1988, Jilin University, P.R. China; M.S. 1991, Nankai University, P.R. China, Ph.D. 2005 Michigan State University.

Leo Scott Hansen
Associate Professor of CAD/CAM Technology

Derek Hein
Assistant Professor of Mathematics

Shalini Kesar
Assistant Professor of Information Systems
B.A. 1990, University of Delhi, M.S. 1993, London School of Economics & Political Science, M. Phil 2002, DeMontfort University, Ph.D. 2005, University of Salford, UK.

Martha (Marty) Larkin
Associate Professor of Mathematics
Glen Longhurst  
Associate Professor of Engineering  

Jana Lunt  
Assistant Professor of Mathematics  

Thad Morton  
Assistant Professor of Engineering  

John Murray  
Associate Professor of Engineering  

Connie Nyman  
Associate Professor of Information Systems  
B.S. 1960 & M.S. 1977, Utah State University.

Desmond Penny  
Professor of Engineering  
B.S. 1971 & M.S. 1972, University College Cork; Ph.D. 1975, University of Utah.

Gretchen Rimmash  
Assistant Professor of Mathematics  
B.S., M.S. 2003 & PhD. 2008, Brigham Young University.

Robert Robertson  
Assistant Professor of Information Systems.  

Nasser Tadayon  
Associate Professor of Computer Science  

David Ward  
Associate Professor of Electronics Engineering Technology  

Andreas Weingartner  
Associate Professor of Mathematics  
M.S. 1994, University of Salzburg; Ph.D. in Mathematics 1998, Brigham Young University.
Cecilia Weingartner  
Lecturer of Mathematics  
B.S. 1993 & M.S. 1997, Brigham Young University.

Dezhi Wu  
Assistant Professor of Information Systems  

Chunlei Zhang  
Assistant Professor of Mathematics  
B.S. 1992, M.S. 1995, Jilin University, P.R. China, Ph.D. 2006, Michigan State University.

### IV. Quantitative Data

<table>
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<tr>
<th>Department</th>
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<th>Presentations</th>
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<th>Grant Proposals Submitted</th>
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<td>39</td>
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<td>FDG 3 Other 1</td>
<td>Dept 2 Other 0</td>
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<td>0</td>
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<td>FDG 1 Other 5</td>
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<td>IE</td>
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<td>6</td>
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<td>Mathematics</td>
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<td>54</td>
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<td>FDG 4 Other 1</td>
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<td>Totals</td>
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<td>93</td>
<td>Dept 87 Other 78</td>
<td>FDG 9 Other 9</td>
<td>Dept 8 Other 7</td>
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### V. Membership in Professional Organizations & Societies

**Computer Science & Information Systems Department**

American Mathematical Society (AMS)  
Association for Career and Technical Education (ACTE)  
Association for Information Systems (AIS)  
Association of Computing Machinery (ACM)  
Business and Professional Women’s Clubs (BPW)  
Certified Novell Engineer (CNE)  
Certified Novell Instructor  
Delta Kappa Gamma (DKG)  
Delta Phi Epsilon (DPE)  
Institute of Electrical & Electronics Engineers (IEEE)  
Intellectbase International Consortium
Mathematical Association of America (MAA)
Microsoft Certified Systems Engineer (MCSE)
National Business Education Association (NBEA)
Phi Kappa Phi (PKP)
Special Interest Group In Information Systems for Electronic Government (SIG-EGOV)
Special Interest Group In Information Systems for Information Security (SIG-EGOV)
SUU Faculty Senate Association
Utah Association for Career and Technical Education (UACTE)
Utah Business & Computer Education Association (UBCEA)
Utah Shakespearean Guild
VFW Auxiliary
Western Business & Information Technology Educators (WBITE)

Engineering Technology & Construction Management Department

American Society of Professional Estimators
State of Utah General Contractors License
State of Utah Waste Water License
State of Utah Building Inspector (inactive)
Utah State Board of Education Building Trades President

Integrated Engineering Department

American Association for the Advancement of Science (AAAS)
American Association of Physics Teachers (AAPT)
American Association of University Professors
American Institute of Steel Construction (AISC)
American Society of Civil Engineers
American Society for Engineering Education
American Society of Engineering Education

Mathematics Department

American Mathematical Society (AMS)
Association of Mathematics Teacher Educators (AMTE)
Institute for Operations Research and Management Science
Institute of Combinatorics and its Applications (ICA)
Mathematical Association of America (MAA)
National Council of Teachers of Mathematics (NCTM)
Society of Industrial and Applied Mathematics (SIAM)
Mathematics Teacher Educators (UAMTE)
Phi Beta Kappa
Utah Coalition for Educational Technology (UCET)
Utah Council of Teachers of Mathematics (UCTM)
Society of Actuaries
### VI. Teaching Effectiveness

#### CSIS Courses

<table>
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<tr>
<th>Number</th>
<th>Description</th>
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<th>2011S</th>
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<th>2011S</th>
<th>Total</th>
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<tr>
<td>CSIS 1000</td>
<td>Intro. To Computer Apps &amp; Internet</td>
<td>3</td>
<td>23</td>
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<td>731</td>
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<td>1397</td>
<td>32</td>
<td>4191</td>
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<tr>
<td>CSIS 1010</td>
<td>E-Commerce/Global Society</td>
<td>3</td>
<td>2</td>
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<td>122</td>
<td>31</td>
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<td>CSIS 1040</td>
<td>Into. To Programming w/MatLab</td>
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<td>CSIS 1400</td>
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<td>CSIS 2000</td>
<td>Web Development</td>
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VII. Student Evaluation Questions

Q1 - Course objectives were clearly defined.
Q2 - Grading and evaluation system were clearly stated.
Q3 - Tests/evaluations were based on materials presented or assigned in the course.
Q4 - Instructor gave feedback about assignments.
Q5 - Instructor promoted an effective learning atmosphere with well organized presentations/activities/discussions.
Q6 - Instructor used examples or demonstrated applications of subject matter.
Q7 - Instructor provided individual help when requested.
Q8 - Instructor showed respect for students' questions and opinions.
Q9 - Overall, the instructor demonstrated effective teaching.
Q10 - This course was useful in helping me acquire new knowledge, skills, or abilities.

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I. Publications

• Seth Armstrong

• Said Bahi

• Florin Balasa

• Nathan Barker

• Jim Brant

• Sarah Brown

• Richard Cozzens

• Boyd Fife

• Eric Freden
• Michael Grady

• Jianlong Han

• Scott Hansen

• Derek Hein

• Shalini Kesar

• John Murray

• Connie Nyman

• Des Penny

• Rob Robertson
• Nasser Tadayon  

• Dave Ward  

• Andreas Weingartner  

• Dezhi Wu  

• Chunlei Zhang  
II. Presentations/Conferences

- **Seth Armstrong**
  Numerical Analysis for a Nonlocal Phase Field System, *Intermountain Section Mathematical Association of America (MAA) meeting*, Cedar City, UT, April 8-9, 2011.

- **Saïd Bahi**
  Robust Parameter Estimation with Bounded Perturbation, *Intermountain Section Mathematical Association of America (MAA) meeting*, Cedar City, UT, April 8-9, 2011.

- **Nathan Barker**
  Effect of Technology in Computer Literacy Courses (co-author): Worldcomp’10 (FECS’10) Conference; 12-15 July 2010, Las Vegas, NV. (paper was accepted as a Regular Research Paper for publication in the proceedings and oral formal presentation)
  Skills USA; 21-26 June 2010
  Worldcomp ’10 (FECS ’10); 12-15 July 2010
  McGraw-Hill Computer Information Technology Symposium; 17-19 February 2011

- **Jim Brant**
  Comparing Strategies in Teaching Equivalence Relations, *Intermountain Section Mathematical Association of America (MAA) meeting*, Cedar City, UT, April 8-9, 2011.

- **Sarah Brown**
  Numerical Analysis for the Relaxation of a Nonlocal Allen Cahn Equation, *Intermountain Section Mathematical Association of America (MAA) meeting*, Cedar City, UT, April 8-9, 2011.

- **Richard Cozzens**

- **Matt Edwards**
  Conference for Applied Research and Technology (CARRAT Seminar), April, 2011

- **Eric Freden**
  From Indexed Languages to Generating Functions, *Discrete Groups and Geometric Structures, with Applications IV (CGG VI)*, Oostende, Belgium, June 1, 2011.
  From indexed languages to generating functions, 28th *western Workshop in Geometric Topology*, May 23-25 Park City, UT.
  From indexed languages to generating functions, *Intermountain Section Mathematical Association of America (MAA) meeting*, Cedar City, UT, April 8-9, 2011.
  Counting, Formal Languages, and Generating Functions, *CARAT Seminar*, November 18 at SUU.
• Michael Grady

• Jianlong Han
Numerical Analysis for a Lotka-Volterra Model Involving Three Species, Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.

• Derek Hein
MAA Intermountain Section conference, Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.

• Shalini Kesar:

• Marty Larkin
Association of Mathematics Teacher Educators (AMTE), Jan 27-29, 2011, Irvine, CA. Utah Association of Mathematics Teacher Educators (UAMTE), March 5, 2011, Provo, UT.
Utah Council of Teachers of Mathematics (UCTM), Nov 19-20, 2011, Orem, UT. Mathematical Association of America (MAA), Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.

• Glen Longhurst:
SUU Walk N Roll Engineering Development Project, Southern Utah Leadership Council, May 17, 2011, St. George, UT.

• Jana Lunt
MAA, Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.
• John Murray  
**Ecological Engineering and The Restoration of Six Mile Cypress Slough**  
92nd Annual Meeting of the Pacific Division of AAAS University of San Diego, 12-16 June, 2011.  
**Across the Divide: An Expedition into the American West**  
92nd Annual Meeting of the Pacific Division of AAAS University of San Diego, 12-16 June, 2011

• Connie Nyman  
**Effect of Technology in Computer Literacy Courses; Worldcomp’10**, July 12-15, 2010, Las Vegas, NV.

• Gretchen Rimmisch  
**Teaching Skills using Visual Cues**, Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.

• Rob Robertson  
**Virtualization in the Cloud Classroom**, 14th Annual American Association of Behavioral and Social Sciences (AABSS), Las Vegas, NV, February 2011.  
**Designing an iPad Application for Patient Education; ISOne World**; May 4-6, 2011, Las Vegas, NV  
American Association of Behavioral and Social Sciences; February 11, 2011, Las Vegas, NV  
ISOne World; May 4-6, 2011, Las Vegas, NV

• Nasser Tadayon  
**Time Test vs. Time Performance; WorldComp’11 (FECS’11)**; July 18-21, 2011, Las Vegas, NV  
WorldComp ’11; July 18-21, 2011, Las Vegas, NV.

• Andreas Weingartner  
**The Distribution Functions of (n)/n and n/(n)**, Western Number Theory Conference, Orem, UT, December 2010.  
**On Repeated Values of the Sum-of-Divisors Function**, Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.

• Dezhi Wu  
**Incorporating Temporal Structure Components to Electronic Temporal Coordination Systems; The 16th Americas Conference on Information Systems (AMCIS)**; August 2010, Lima, Peru.

• Chunlei Zhang  
**Vanishing Electron Mass Limit in the Bipolar Euler-Poisson System**, Intermountain Section Mathematical Association of America (MAA) meeting, Cedar City, UT, April 8-9, 2011.
III. Funded & Pending External Grants

• Shalini Kesar
  USTAR (extension for phase II); Submitted to USTAR (Utah Science Technology and Research initiative), Awarded 2010-2011.
  Discovery Home Project; Submitted to Global Home Grant, (Currently applying, 2011).

• Glen Longhurst
  Walk N Roll USTAR Technology Commercialization Grant.
  Trailer Assistive Drive Technology Commercialization Grant.

• Rob Robertson
  Patient Education Software for iPad; Submitted to USTAR; Awarded in November 2011.

• Dezhi Wu
  Portable Muli-Touch Patient Education Software; Submitted to USTAR Technology Commercialization Grant, accepted and awarded $39,000 on November 10, 2010.
  Time Management Strategies for Knowledge Creation in Projects: Uncovering Patterns and Opportunities, Submitted to Project Management Institute on April 25, 2011; Grant for $50,000 is currently pending.
Part Four

Service

Learning
Lives
Forever
I. USHE/USOE Committees
• Eric Freden
  Regional Career & Technical Education Committee
• Nasser Tadayon
  USHE Business Computer Proficiency Task

II. University, College & Department Committees
• Seth Armstrong
  University
  Convocation Focus Group
  College
  Curriculum Committee
  Department
  Curriculum Committee
• Saïd Bahi
  University
  University Program Review
  Institutional Effectiveness & Assessment Committee
  College
  LRT - CSIS Department
  Department
  LRT
  Department seminar Coordinator
• Nathan Barker
  University
  University Judicial Committee
  Faculty Senate Member
  College
  Faculty Center Committee Member
  Department
  Member of the CSIS Department Curriculum Committee
  Recruitment and Retention Committee
  ABET Committee
  Faculty Search Committee
• Jim Brandt
  University
  Undergraduate Curriculum Committee
  General Education Subcommittee
  Faculty Advisory Board for Leadership Engagement Center
  College
  CIET College Curriculum Committee
  Department
  Math Department Curriculum Committee
  Textbook selection / Calculus
  Credit by Examination Committee
• Sarah Brown
  College
  2010 Commencement Committee: CIET representative
  STEM Grant Proposal Committee
  Department
  Capstone Justification
  Web Liaison
  Math 1020-1030 Text Selection Committee
  Scholarship
  2011 MAA Intermountain Section Meeting Planning Committee
  STEM Grant Proposal Committee
  Math Club Webmaster
• Richard Cozzens
  College Commencement Committee
  Online Educational Subcommittee
  Global Engagement Committee
  Faculty Senate
  Faculty Senate sub-committee (Academic Standards Review Board)
  Department Technology Fair Committee

• Matt Edwards
  College Curriculum Committee

• Walt Faucette
  Department Search Committee
  Textbook Selection Committee

• Boyd Fife
  University Academic Affairs Committee
  Outstanding Educators Selection Committee
  Service Learning Committee
  Faculty Senate
  Department Curriculum Committee
  Technology Fair Committee

• Eric Freden
  University Institutional Effectiveness & Assessment
  College Curriculum Committee (Chair)

• Michael Grady
  College College Curriculum Committee
  Department Curriculum Committee (Chair)
  LRT Committee
  Mathematics Department LRT Committee
  IE Department LRT Committee

• Jianlong Han
  University Advisory council for Center of Excellence for Teaching & Learning
  Faculty Senate – Publication & Student Scholarship Award Committee
  Bookstore Advisory Committee
  Thunderbird Award selection Committee
  College Supercomputer Committee
  Department Center for Applied Research & Applied Technologies
  Textbook Selection
  Faculty advisor to the Math club

• Scott Hansen
  University Faculty Incentive Grant Committee
  College Recruitment and Retention Committee
  Department Technology Fair Committee
• Derek Hein
  University Faculty Senate
  Convocations
  Press Editorial Board
  College Recruitment and Retention Committee
  Department Five-Column Assessment
  Textbook

• Shalini Kesar
  University International Recruitment Committee
  Member of Women’s Leadership Committee
  College Recruitment & Retention
  Department ABET
  Chair of Search Committee
  Curriculum Committee

• Marty Larkin
  University Grievance Committee
  College LRT Committee - Chair
  Department Search Committee - Chair

• Glen Longhurst
  College ABET
  College Recruitment and Retention Committee
  Grade Appeal Committee
  Department Engineering Week Committee
  Curriculum Committee

• Jana Lunt
  Department Search Committee

• Thad Morton
  College Curriculum Committee
  Department ABET
  Engineering Week Committee
  LRT Committee

• John Murray
  University Women’s Week Committee
  College Recruitment and Retention Committee
  Department ABET
  LRT Committee

• Connie Nyman
  University New Faculty Mentor
  Department LRT Committee
  Curriculum Committee
  ABET
  Search Committee
• Des Penny
  University  LRT Committee
  Department  ABET
  Engineering Week Committee
  Curriculum Committee
  LRT Committee - Chair

• Gretchen Rimnasch
  University  Academic Computer User Committee
  College  Faculty Evaluation and Development Committee
  Department  Recruitment and Retention
  College  Credit by Examination Committee
  Department  Text Selection
  Teaching & Collegiality requirements

• Robert Robertson
  University  Health Insurance Committee
  College  Distance Education Committee
  Department  UCSD Panel
  College  Internship Coordinator Committee
  Department  Curriculum Committee
  College  Curriculum Committee
  Department  Web Liaison
  College  Search Committee

• Nasser Tadayon
  University  Faculty Scholarly Support Fund Committee
  College  LRT Committee
  Department  Cohort Program
  College  Curriculum Committee

• Dave Ward
  College  LRT Committee
  Department  CCIET Math / Search Committee
  College  Curriculum Committee
  Department  Technology Fair Committee
  College  Skills USA
  Department  Scholarship Committee

• Dezhi Wu
  University  Distinguished Faculty Lecture Committee
  College  Library Committee
  Department  Grade Appeal Committee
  College  ABET Committee
  Department  Curriculum Committee
  College  Research Committee
  Department  Search Committee
<table>
<thead>
<tr>
<th>Chunlei Zhang</th>
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<tbody>
<tr>
<td><strong>University</strong></td>
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<tr>
<td><strong>College</strong></td>
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<td><strong>Department</strong></td>
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### I. Majors

<table>
<thead>
<tr>
<th>CIET Majors</th>
<th>Female</th>
<th>Male</th>
<th>Totals</th>
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<tbody>
<tr>
<td>Computer Science</td>
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<td>68</td>
<td>82</td>
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<tr>
<td>Information Systems</td>
<td>7</td>
<td>30</td>
<td>37</td>
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<tr>
<td><strong>CSIS Dept Total</strong></td>
<td><strong>21</strong></td>
<td><strong>98</strong></td>
<td><strong>119</strong></td>
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<tr>
<td>Construction Management &amp; Engineering Technology</td>
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<td></td>
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<tr>
<td>Integrated Engineering</td>
<td>11</td>
<td>94</td>
<td>105</td>
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<tr>
<td><strong>IET Dept Total</strong></td>
<td><strong>29</strong></td>
<td><strong>228</strong></td>
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<tr>
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<td>Math Education</td>
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<td><strong>Total Majors</strong></td>
<td><strong>90</strong></td>
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### II. Graduates

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<th>CIET Graduates</th>
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<tbody>
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<tr>
<td>Information Systems</td>
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<td><strong>CSIS Dept Total</strong></td>
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<td><strong>14</strong></td>
<td><strong>17</strong></td>
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<tr>
<td>Construction Management &amp; Engineering Technology</td>
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<tr>
<td>Integrated Engineering</td>
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<td><strong>IET Dept Total</strong></td>
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<td><strong>52</strong></td>
<td><strong>59</strong></td>
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<td>Math Education</td>
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<tr>
<td><strong>Math Dept Total</strong></td>
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<td><strong>16</strong></td>
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<tr>
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<td><strong>21</strong></td>
<td><strong>75</strong></td>
<td><strong>96</strong></td>
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III. Exit Exam Results

Integrated Engineering

Utah Fundamentals of Engineering Exam

For the 2010-2011 year 5 students passed and 5 failed.

Mathematics

<table>
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<tr>
<th>Students</th>
<th>Math Education</th>
<th>Math Education</th>
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<tr>
<td>16</td>
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</table>
IV. Achievements

College Valedictorian - Kyle Bodily
Outstanding Computer Science Student - Derek Higgs
Outstanding Information Student - James Shakespear
Outstanding CAD/CAM Student - Cory Bulloch
Outstanding Construction Management Student - Sherrena Young
Outstanding Electronics Engineering Student - Ammon Losee
Outstanding Integrated Engineering Student - Scott Bishoff
Outstanding Math Student - Brandon Wiggins
Outstanding Math Education Student - Jacob Whetman
Outstanding Actuarial Student - Rachel Beckham
Outstanding Staff - Roger Greener
Outstanding CSIS Faculty - Dezhi Wu
Outstanding ETCM Faculty - Matt Edwards
Outstanding IE Faculty - Des Penny
Outstanding Mathematics Faculty - Jim Brandt
Skills USA State Competition, March 24 & 25, 2011 - 1st Place – Andrew Ackerman
Skills USA National Competition, June 20 - 25, 2011- Gold Medal - Trenten Dopp
Computer Science & Information Systems
The CSIS department at SUU partners with local, regional, and global companies. These partnerships help provide students with exposure to:

- Real life projects in the classroom
- Potential employment opportunities after graduation
- Internships

Suh'dutsing Technologies, Inc.
Suh'dutsing Technologies, LLC is a Tribally Owned 8(a), HUBZone, MBE certified, Small Disadvantaged Business. Suh'dutsing is Tribally Owned by the Cedar Band of Paiutes with current office locations including: Cedar City, UT; Washington, DC; Joplin, MO; and Union City, CA. Suh'dutsing's core focus is IT Services: ERP, E-Business Solutions, System Design and Integration, SOA, eGov, Project Management, Information Assurance, Customer Support, IT Helpdesk, Data Processing, Data Management, Data Warehousing, Web Development, Network Administration, and Telecommunication. We pride ourselves on our expertise, integrity, and strong customer-centric commitment. In addition, Suh'dutsing has a GSA Schedule 70 and is a SEI CMMI ML2 rated company.

Semantic Discovery
Semantic Discovery is changing the way businesses interpret the web using semantic and statistical algorithms to enhance the value of data gathered from the web, blogosphere, message boards, and news feeds by organizing it into business intelligence such as sales leads, company directories, market research, competitor intelligence, and product enhancement. We are proud of our association with Southern Utah University to help attract high tech talent to Southern Utah and improve the education of students studying computer science.

IDT Services, LLC
IDT Services, LLC is a technology company specializing in state-of-the-art products and solutions for the transportation industry. IDT’s breakthrough RFID/AEI systems have made it the leader in mainline rail RFID/AEI systems for North America.
TouchMD provides an interactive experience while educating patients in the exam room. TouchMD is the leading developer in educating patients, recording valuable information and allowing patients to revisit their diagnosis/solution on the internet. Our client and doctor input shape the future of our product and revolutionizes patient office visits. This development provides a great return on investment by saving time and closing more consultations.

**Integrated Engineering**

The IE department at SUU partners with local, regional, and global companies. These partnerships help provide students with exposure to:

- Real life projects in the classroom
- Potential employment opportunities after graduation
- Internships

**Ares Transportation Technologies**

ARES provides solutions at the cutting edge of advanced vehicle technologies offering a full line of Alternative Fuels systems technologies from CNG/Propane to Hydrogen to Kinetic Energy Recovery motive systems.

**Walk N Roll, LLC.**

WALK N ROLL™ is the name of a patented concept for a walking assist device. The WALK N ROLL™ was designed to help eliminate injuries that have become all too common with mobility devices.