AAS Computer Information Systems transferring into BS Industrial Management and Applied Engineering

Spoon River College Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Equivalent Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101-3</td>
<td>Composition I</td>
<td>3</td>
<td>CIS 136-3 Networking Essential</td>
</tr>
<tr>
<td>COM 103-3</td>
<td>Speech Communications</td>
<td>3</td>
<td>CIS 150-3 Fundamentals of Networking</td>
</tr>
<tr>
<td>MAT 125-3</td>
<td>College Algebra</td>
<td>3</td>
<td>CIS 160-3 Computer Hardware Concepts</td>
</tr>
<tr>
<td>Elective-3</td>
<td>Social/Behavioral Science</td>
<td>3</td>
<td>CIS 208-3 Network Security Concepts</td>
</tr>
<tr>
<td>Elective-3</td>
<td>Humanities/Fine Arts</td>
<td>3</td>
<td>CIS 209-3 Windows Server Operating System</td>
</tr>
<tr>
<td>Elective-2</td>
<td>Health Science</td>
<td>3</td>
<td>CIS 222-3 Computer Forensics</td>
</tr>
<tr>
<td>CSC 101-3</td>
<td>Computer Applications for Business</td>
<td>4</td>
<td>CIS 245-4 Computer Info Systems Project</td>
</tr>
<tr>
<td>CIS 107-3</td>
<td>Intro to Operating Systems</td>
<td>3</td>
<td>CIS 205-4 CIS Internship</td>
</tr>
<tr>
<td>CIS 108-3</td>
<td>Intro to Computing</td>
<td>3</td>
<td>Electives-6</td>
</tr>
<tr>
<td>CIS 109-3</td>
<td>Intro to Programming</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Southern Illinois University Carbondale Courses Capstone Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Equivalent Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective-3</td>
<td>Social Science</td>
<td>3</td>
<td>IMAE 375-3 Production &amp; Inventory Mgmt</td>
</tr>
<tr>
<td>Elective-3</td>
<td>Life Science</td>
<td>3</td>
<td>IMAE 390-3 Cost Estimating</td>
</tr>
<tr>
<td>Elective-3</td>
<td>Fine Arts</td>
<td>3</td>
<td>IMAE 392-3 Facilities Planning &amp; Workplace Design</td>
</tr>
<tr>
<td>Elective-3</td>
<td>Multicultural</td>
<td>3</td>
<td>IMAE 442-3 Fundamentals of Leadership</td>
</tr>
<tr>
<td>PHYS 203/253A-4</td>
<td>College Physics/Lab</td>
<td>3</td>
<td>IMAE 445-3 Computer-Aided Manufacturing</td>
</tr>
<tr>
<td>PHYS 203/253B-4</td>
<td>College Physics/Lab</td>
<td>3</td>
<td>IMAE 450-3 Project Management</td>
</tr>
<tr>
<td>IMAE 110-3</td>
<td>Geometric Dem &amp; Tolerancing</td>
<td>3</td>
<td>IMAE 465-3 Lean Manufacturing</td>
</tr>
<tr>
<td>IMAE 208-3</td>
<td>Fund of Manufacturing Proc</td>
<td>3</td>
<td>IMAE 470A-3 Six Sigma Green Belt I</td>
</tr>
<tr>
<td>IMAE 305-3</td>
<td>Industrial Safety</td>
<td>3</td>
<td>IMAE 470B-3 Six Sigma Green Belt II</td>
</tr>
<tr>
<td>IMAE 307-3-MATH 140-4</td>
<td>Applied Calc for Technology -or- Short Course in Calculus</td>
<td>3</td>
<td>IMAE 476-3 Supply Chain Management</td>
</tr>
<tr>
<td>IMAE 340-PSYC 323-3</td>
<td>Intro to Supervision -or- Organizational Psychology</td>
<td>3</td>
<td>IMAE Electives-6 Must be at 300-400 level</td>
</tr>
</tbody>
</table>

Total Hours to Bachelor Degree: 131-134 hours

Questions? Contact Us!

Salary Range: $50,000-$70,000

Possible Careers:
- Production Manager
- Manufacturing Engineer
- Quality Engineer
- Plant Manager
- Project Engineer

Spoon River College
Brad O’Brien
Dean, Career and Workforce Education
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Southern Illinois University Carbondale
Dr. Julie Dunston, Director, School of Applied Engineering & Technology
P: 618-453-7988 | E: dunston@siu.edu
Baccalaureate Degree Requirements
Each candidate for a bachelor’s degree must complete the requirements listed:

**Hour Requirements.** Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

**Residence Requirements.** Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

**Grade Point Average Requirements.** Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Compact Agreement
SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways
**Saluki Transfer Pathways** is the university’s dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university’s degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college. Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks
DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it to monitor your progress toward your degree in Salukinet.

Saluki Transfer Estimator Portal (STEP)
The **Saluki Transfer Estimator Portal** (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.