## Transfer Guide

### Associate in Engineering Science transferring into BS Computer Engineering

<table>
<thead>
<tr>
<th>Southeastern Illinois Courses</th>
<th>Southern Illinois University Carbondale Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Associate in Engineering Science – 71 hours</strong></td>
<td><strong>BS Computer Engineering (CEGR) – 72 hours</strong></td>
</tr>
<tr>
<td>COM 121-3 Principles of Speaking</td>
<td>BIOL 202-2 Human Genetics &amp; Human Health</td>
</tr>
<tr>
<td>ENG 121-3 Rhetoric &amp; Composition I</td>
<td>ECE 329/329L-4 Comp Organization &amp; Design/Lab</td>
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<tr>
<td>ENG 122-3 Rhetoric &amp; Composition II</td>
<td>Elective-3 Social Science</td>
</tr>
<tr>
<td>MATH 162-5 Calculus &amp; Analytical Geometry I</td>
<td>ECE 345/345L-4 Electronics/Lab</td>
</tr>
<tr>
<td>Elective-3 Social Science</td>
<td>ECE 235/235L-4 Electric Circuits I/Lab</td>
</tr>
<tr>
<td>Elective-3 Humanities</td>
<td>ECE 296/296L-4 Software Tools for Engineers/Lab</td>
</tr>
<tr>
<td>Elective-3 Fine Arts</td>
<td>ECE 315-4 Mathematical Methods in ECE</td>
</tr>
<tr>
<td>HIST 161-3 (Area 1 Soc/behavioral requirement)</td>
<td>ECE 321/321L-4 Intro to Software Engineering/Lab</td>
</tr>
<tr>
<td>CHEM 121-5 General Chemistry I</td>
<td>Gen Tech Electives-23</td>
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<td></td>
<td>ECE Tech Electives-6</td>
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<tr>
<td></td>
<td>See approved General Technical Electives</td>
</tr>
<tr>
<td><strong>Total Hours to Bachelor Degree: 143 Hours</strong></td>
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### Questions? Contact Us!

**Southeastern Illinois College**

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**Southern Illinois University Carbondale**

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Department of Electrical & Computer Engineering  
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**Salary Range:** $60,000-$180,000

**Possible Careers:**  
- Aerospace Engineer  
- Biomedical Engineer  
- Cyber/Defense Systems Engineer  
- Cybersecurity Consultant  
- Flight Systems Engineer  
- Satellite Systems Engineer  
- Semiconductor Engineer  
- Software Systems Developer

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Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.
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 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.