Southeastern Community College
Associate of Applied Science (A.A.S.) – Industrial Maintenance Technology
Transfer guide to the University of Northern Iowa
Bachelor of Science (B.S.) – Automation Engineering Technology

A.A.S. courses transferring to UNI
Upon successful completion of the A.A.S. degree highlighted in this transfer guide, the following courses within the Bachelor of Science (B.S.) in Automation Engineering Technology program at the University of Northern Iowa will be satisfied:

<table>
<thead>
<tr>
<th>UNI Course</th>
<th>Course Title</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH 1024</td>
<td>Technical Drawing &amp; Design I</td>
<td>3</td>
</tr>
<tr>
<td>TECH 1037</td>
<td>Intro to Circuits</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2038</td>
<td>Intro to Elec. Systems &amp; Power</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3160</td>
<td>Comp.-Aided Instru &amp; Inter.</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3164</td>
<td>Prog. Logic Controllers</td>
<td>3</td>
</tr>
<tr>
<td>TECH 4162</td>
<td>Automation: Pneu. &amp; Hydraul.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technical electives</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Additional electives transferring</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td><strong>Grand Credit Total</strong></td>
<td><strong>56</strong></td>
</tr>
</tbody>
</table>

Credit Summary

<table>
<thead>
<tr>
<th>Credit Description</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.A.S. credits transferring to UNI</td>
<td>56</td>
</tr>
<tr>
<td>Other credits transferring to UNI</td>
<td>9</td>
</tr>
<tr>
<td>Total credits towards UNI degree</td>
<td>65</td>
</tr>
<tr>
<td>Total credits needed at UNI</td>
<td>61</td>
</tr>
</tbody>
</table>

Other courses transferring to UNI
Additional coursework built into this A.A.S. degree program may also transfer to the University of Northern Iowa. These courses satisfy requirements towards UNI’s Foundational Inquiry (UNIFI) unless otherwise noted. For more information about UNIFI, please see the reverse of this document.

Recommended as part of A.A.S. degree plan
Students should choose one course, unless otherwise noted, from each of the groups below to fulfill an A.A.S. elective requirement.

<table>
<thead>
<tr>
<th>SCC Course</th>
<th>Course Title</th>
<th>UNIFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 105 or ENV 111</td>
<td>Introductory Biology or Environmental Science</td>
<td></td>
</tr>
<tr>
<td>PSY 102 or PSY 111 or SOC 110</td>
<td>Human &amp; Work Relations or Intro to Psychology or Intro to Sociology</td>
<td></td>
</tr>
<tr>
<td>PHI 101 or PHI 105</td>
<td>Intro to Philosophy or Intro to Ethics</td>
<td></td>
</tr>
</tbody>
</table>

Credit Total 9

* The UNIFI column lists the category each course satisfies at UNI.
Southeastern Community College  
Associate of Applied Science (A.A.S.) – Industrial Maintenance Technology  
Transfer guide to the University of Northern Iowa  
Bachelor of Science (B.S.) – Automation Engineering Technology

Remaining UNI Coursework
By completing the recommended A.A.S. degree plan, courses highlighted in red will transfer into the Automation Engineering Technology program at UNI.

<table>
<thead>
<tr>
<th>Math/Science Coursework</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1160</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1150 or MATH 1420</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 1511</td>
<td>4</td>
</tr>
<tr>
<td>STAT 1772</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits Remaining</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Core</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH 1010</td>
<td>3</td>
</tr>
<tr>
<td>TECH 1024</td>
<td>3</td>
</tr>
<tr>
<td>TECH 1037</td>
<td>3</td>
</tr>
<tr>
<td>TECH 1039</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2038</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2042</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2060</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2080</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3147</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3148</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3160</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3164</td>
<td>3</td>
</tr>
<tr>
<td>TECH 4162</td>
<td>3</td>
</tr>
<tr>
<td>TECH 4210 or TECH 4220</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 3772</td>
<td>3</td>
</tr>
<tr>
<td>Total Technical Electives</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNI Foundational Inquiry (UNIFI)</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WR - Written Communication</td>
<td>3</td>
</tr>
<tr>
<td>OC - Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>QR - Quantitative Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>HD - Human Condition (Domestic)</td>
<td>3</td>
</tr>
<tr>
<td>HG - Human Condition (Global)</td>
<td>3</td>
</tr>
<tr>
<td>SR - Scientific Reasoning (with Lab)</td>
<td>4</td>
</tr>
<tr>
<td>HE - Human Expression</td>
<td>3</td>
</tr>
<tr>
<td>RE - Responsibility</td>
<td>3</td>
</tr>
<tr>
<td>UNIFI certificate or UNIFI electives</td>
<td>8</td>
</tr>
<tr>
<td>Total UNIFI Credits Remaining</td>
<td>20</td>
</tr>
</tbody>
</table>

Total Credits Remaining 27

Remaining UNI Plan of Study
Based on the remaining coursework, below is a semester-by-semester breakdown of how a student would complete the remaining requirements at UNI.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Cr.</th>
<th>Semester 2</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1160</td>
<td>3</td>
<td>MATH 1150</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 1511</td>
<td>4</td>
<td>TECH 1010</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2060</td>
<td>3</td>
<td>TECH 2080</td>
<td>3</td>
</tr>
<tr>
<td>UNIFI</td>
<td>6</td>
<td>UNIFI</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
<td>Total</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>Cr.</th>
<th>Semester 4</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 1772</td>
<td>3</td>
<td>TECH 3147</td>
<td>3</td>
</tr>
<tr>
<td>TECH 2042</td>
<td>3</td>
<td>TECH 3148</td>
<td>3</td>
</tr>
<tr>
<td>TECH 4220</td>
<td>3</td>
<td>ENGLISH 3772</td>
<td>3</td>
</tr>
<tr>
<td>UNIFI</td>
<td>3</td>
<td>UNIFI</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
<td>Total</td>
<td>14</td>
</tr>
</tbody>
</table>

Other Important Information
- This transfer guide is based off of the 2022-2023 academic catalogs at UNI & Southeastern Community College.
- Courses listed in the Remaining UNI Plan of Study section are subject to change at any time and are based on a fall semester start.
- This transfer guide assumes the student is only transferring in coursework from this A.A.S. degree plan. Students may transfer additional credits to UNI, which will be evaluated on an individual basis.
- The UNI Foundational Inquiry (UNIFI) at UNI is the collection of general education courses required by the institution to fulfill the universities mission. For more information, visit unifi.uni.edu.