La Roche College
SOFTWARE ENGINEERING CURRICULUM GUIDE

Dual Degree Articulation Agreement
(Liberal Arts degree from La Roche with Bachelor of Science in Engineering degree from Gannon University)

This is the **unofficial evaluation** of your credits to date including transfer credits (if applicable) in your chosen major. **This evaluation is official when all official transcripts for all previous college work are received and reviewed for transferability by the Registrar’s Office AND the Registrar’s signature is included on page 3.**

PURPOSE: To create a pathway for engineering that is enhanced with the benefits of a liberal arts focus.

REQUIREMENTS: To successfully complete the terms of the dual degree articulation agreement, the following is required:

- Must combine the requirements of this guide with a LRC major program.
- Must achieve an overall QPA of 3.0 or higher at time of articulation to Gannon University engineering program.
- Must successfully complete all math, physics, and computer science pre-requisite courses listed in this guide with a grade C or better and a GPA of 3.0 or better.
- Must receive a favorable recommendation from the LRC sciences faculty committee and Dean of Students to insure that all academic and conduct standards are met.

---

**MATHEMATICS & SCIENCE COMPONENT: 38 CREDITS**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Transfer Course #/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MATH1032 Analytical Geometry &amp; Calculus I</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>MATH1033 Analytical Geometry &amp; Calculus II</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>MATH2030 Analytical Geometry &amp; Calculus III</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>MATH2050 Discrete Mathematics I</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>MATH3040 Probability and Statistics I</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>PHYS1032/L Physics I with Lab</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>PHYS1033/L Physics II with Lab</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>CSCI1010/L Programming I with Lab</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>CSCI2010/L Programming II with Lab</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>CSCI2025/L Systems Software with Lab</strong></td>
<td>4</td>
</tr>
</tbody>
</table>

**LIBERAL ARTS CORE COURSES – 12 CREDITS**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Transfer Course #/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHIL1020 Logic</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>PHIL2026 Ethics</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>RELS1002 New Testament</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>RELS1003 World Religions</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

*The following 6 credits MUST be taken as part of the La Roche College core for student’s chosen major to fulfill Gannon requirements:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Transfer Course #/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHIL1021 Intro to Philosophy (SLRS)</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>SLHS1003 History of the World (SLHS)</strong></td>
<td>3</td>
</tr>
</tbody>
</table>