Rose-Hulman Institute of Technology
ECE 207 Elements of Electrical Engineering Course Survey

Please use the following scale to indicate the level of confidence you have in your ability in each of the following areas **BEFORE** taking this course.

<table>
<thead>
<tr>
<th>No Confidence</th>
<th>Little Confidence</th>
<th>Confident</th>
<th>Very Confident</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

_____ 1. DC circuit analysis
_____ 2. AC circuit analysis
_____ 3. Control and instrumentation
_____ 4. Transducers
_____ 5. Signal conditioning and electromagnetic interference
_____ 6. Electrical machines
_____ 7. Power systems
_____ 8. Using laboratory tools and instruments
_____ 9. Technical writing
_____10. Technical presentations

Using the same scale, indicate the level of confidence of your ability in each of the following areas **AFTER** taking this course.

_____ 11. DC circuit analysis
_____ 12. AC circuit analysis
_____ 13. Control and instrumentation
_____ 14. Transducers
_____ 15. Signal conditioning and electromagnetic interference
_____ 16. Electrical machines
_____ 17. Power systems
_____ 18. Using laboratory tools and instruments
_____ 19. Technical writing
_____ 20. Technical presentations
Using the scale below, please select the number that corresponds with your response to the following items.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>I don't know</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

_____ 21. This class helped me better **understand** that concepts and techniques from electrical engineering are useful in mechanical engineering.

_____ 22. **As a result of this class**, I am comfortable with exploring new topics in electrical engineering on my own.

_____ 23. **As a result of this class**, I am confident in my ability **to apply** the techniques and concepts from electrical engineering to solving problems in mechanical engineering.

_____ 24. **As a result of this class**, I believe that the knowledge of topics from electrical engineering will help me to be a better mechanical engineer.

_____ 25. Faculty in this class emphasized how concepts in electrical engineering were related to things that I will need to know as a mechanical engineer.

_____ 26. **As a result of this class**, I would feel confident working on a design project that had an electrical engineering component.

_____ 27. This course contributed to my confidence in working on interdisciplinary teams.

_____ 28. In comparison to my other engineering courses, the workload in this course was . . .