

| During this course I was provided with the opportunity to learn and practice the following CORE skills: | Not at All | To a Limited Extent | To a Moderate Extent | To a Great Extent | To a Very Great Extent |
|---|------------|---------------------|----------------------|-------------------|------------------------|
| Analytical Skills <i>Apply logic in solving problems and analyze problems from different points of views. Translate academic theory into practical applications using appropriate technical techniques, processes, and tools.</i> | 1 | 2 | 3 | 4 | 5 |
| Communication Skills <i>Articulate ideas in a clear and concise fashion and use facts to reinforce points. Plan and deliver oral written presentations effectively. Use technology and graphics to support ideas and decisions.</i> | 1 | 2 | 3 | 4 | 5 |
| Creative Problem-solving <i>Generate new ideas and develop many potential solutions to problems. Suggest new approaches to solving technical problems and challenge the way things are normally done.</i> | 1 | 2 | 3 | 4 | 5 |
| Life-Long Learning <i>Learn independently and continuously seek to acquire new knowledge. Bring in relevant outside experiences to provide advanced solutions to the problems at hand..</i> | 1 | 2 | 3 | 4 | 5 |
| Project Management <i>Set goals, prioritize tasks and meet project milestones. Seek clarification of task requirements and take corrective action based upon feedback from others. Create action plans and timetables to complete assigned work.</i> | 1 | 2 | 3 | 4 | 5 |
| Research Skills <i>Use computer based resources effectively thus acquiring information from multiple sources and organize and interpret data appropriately. Design and conduct experiments to validate hypotheses and theories.</i> | 1 | 2 | 3 | 4 | 5 |
| Systems Thinking <i>Understand how events interrelate and demonstrate an ability to take new information and integrate it with past knowledge. Integrate and use knowledge from various courses, including Engineering, Physics, Mathematics, and Social Sciences, to solve technical problems.</i> | 1 | 2 | 3 | 4 | 5 |
| Teamwork <i>Encourage participation among all team members. Listen and cooperate with other members. Share information and help reconcile differences of opinions when they occur.</i> | 1 | 2 | 3 | 4 | 5 |

| During this course I was provided with the opportunity to learn and practice the following TECHNICAL skills: | Not at All | To a Limited Extent | To a Moderate Extent | To a Great Extent | To a Very Great Extent |
|---|------------|---------------------|----------------------|-------------------|------------------------|
| Technical Competencies customized by faculty. | 1 | 2 | 3 | 4 | 5 |
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Please answer the following questions about this course. [SCALES TO BE DETERMINED.]

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|--|--|--|--|--|--|
| How frequently did your instructor use technology to deliver instruction in the course or lab? | | | | | |
| How effective was this technology used to support your acquisition and development of the above CORE and TECHNICAL competencies. | | | | | |
| How frequently did you work in teams or groups in your course? | | | | | |
| To what extent was this engineering course integrated with at least one other discipline or different kind of subject matter (cross-disciplinary exercises, projects, tests, lab activities, etc.) | | | | | |
| To what extent did you receive feedback on your acquisition and development of the CORE and TECHNICAL competencies during the course? | | | | | |
| Overall, how satisfied are you with the teaching/learning process in this course? | | | | | |

Please answer the following questions about this course. Use the back of the page if you need more space for your comments.

Give three specific examples on how this course helped you to acquire and develop the **CORE** competencies listed above?

Give three specific examples on how this course helped you to acquire and develop the **TECHNICAL** competencies listed above?

Please list three ways in which you would improve this course to help you acquire and develop the **CORE** and **TECHNICAL** competencies listed above?

Describe an example of the types of feedback you received from your instructor(s) beyond traditional grades to help you acquire and develop the **CORE** and **TECHNICAL** competencies listed above.
