

Student Assessment of Course Outcomes (Summary)
ECET 491 Senior Design Project, Phase II (TAC/ABET a, b, c, d, e, g, h, i, j, k)

Instructor: Paul I. Lin **Date:** 11/28/2017

Please be candid and use your best judgment in answering the questions related to your own learning outcomes. Circle the level you think you achieved of the outcomes. *If you think an outcome was not achieved, please provide a brief explanation.*

**Level of
Achievement
of this outcome**

Scale: Excellent - 4, Good – 3, Fair – 2, Poor - 1

<p>1. I am able to use manuals, handbooks, library and technical references, Internet search engines and Web sites, and material/equipment specifications, and computer in one's design project, where applicable for preparatory research (ETAC/ABET: b)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>
<p>2. I am able to use mathematics and sciences knowledge and apply them in all phases of one's design project: analysis, design, prototyping, and testing (ETAC/ABET: c)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>
<p>3. I am able to integrate the knowledge gained in earlier courses, and be creative in identify, analyze, and solve a real-world problem with a hardware and/or software solution (ETAC/ABET: d, h, i, j)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>
<p>4. I can provide and present the good project proposal, periodic progress reports, project presentation, and project proposal report (ETAC/ABET: e, g, k)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>
<p>5. I am able to apply hardware and/or software design methodologies and procedures: project identification, initial research and source contacts, system analysis/requirements, requirement review, design, design review, periodic progress report, procurement of materials, and planning (ETAC/ABET: f, g, h, i, j, k)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>
<p>6. I am able use oral and written communication skills in a real-world problem solving situation (ETAC/ABET: g)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>
<p>7. I am able to observe and apply ethical principles, personal values, and responsible management practices (ETAC/ABET: i, j, k)</p> <p><i>Comments:</i></p>	<p>4 3 2 1</p>