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

**Instructor:** ____Paul I. Lin_____    **Date:**___4/28/2014_____

Please be candid and use your best judgment in answering the questions.  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** |
|---|---|
| **Exc - 4 points, Good – 3, Fair – 2,  Poor - 1** | |
| 1. 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 (TAC/ABET: b) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |
| 2.  use mathematics and sciences knowledge and apply them in all phases of one's design project: analysis, design, prototyping, and testing (TAC/ABET: c) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |
| 3. 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 (TAC/ABET: d, h, i, j) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |
| 4. provide and present the good project proposal, periodic progress reports, project presentation, and project proposal report (TAC/ABET: e, g, k) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |
| 5. 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 (TAC/ABET: f, g, h, i, j, k) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |
| 6. use oral and written communication skills in a real-world problem solving situation (TAC/ABET: g) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |
| 7. observe and apply ethical principles, personal values, and responsible management practices (TAC/ABET: i, j, k) <br> *Comments:* | Exc <br> Good <br> Fair <br> Poor |