# CS160 Course Assessment Report

**Author: Semester:**

## Part 1: Assessment Data Collected

### Outcome h: Recognition of the need for and an ability to engage in continuing professional development

|  |  |  |  |
| --- | --- | --- | --- |
| **Performance Indicator** | **1** | **3** | **4** |
| **beginning** | **satisfactory** | **exemplary** |
| **Describe a technology that has emerged in the past 5 years (assessed with a team project)** | unable to name any new technology | able to offer simple description of new technology | able to offer in-depth description of new technology |
| **Number of Students** |  |  |  |
|  |  |  |  |
| **Describe one area of lack of expertise (assessed with a team project)** | denies lack of expertise in any area | able to identify gaps in knowledge in some open-ended question | able to identify open-ended question and gaps in knowledge in that question |
| **Number of Students** |  |  |  |
|  |  |  |  |
| **Learn new skill and apply to solve given problem (assessed with a team project)** | demonstrates no knowledge of new skill | demonstrates some knowledge of new skill and able to partially solve given problem | able to solve given problem completely by applying new skill |
| **Number of Students** |  |  |  |
|  |  |  |  |
| **State need for continuous professional development (assessed with a team project)** | denies need for continuous professional development | acknowledges need for continuing professional development | provides convincing argument for need for continuous professional development |
| **Number of Students** |  |  |  |

### Outcome i: An ability to use current techniques, skills, and tools necessary for computing practice

|  |  |  |  |
| --- | --- | --- | --- |
| **Performance Indicator** | **1** | **2** | **3** |
| **beginning** | **satisfactory** | **exemplary** |
| **Use Eclipse as a software development tool to design, edit, run, and debug programs (assessed with a team project)** | not able to install the software, configure the software for the programming language, and create a new project | not familiar with how to run/debug the program and export/import programs | able to install plug-ins and configure the tool for additional computing needs |
|  |  |  |  |

### Outcome k: An ability to apply design and development principles in the construction of software systems of varying complexity

|  |  |  |  |
| --- | --- | --- | --- |
| **Performance Indicator** | **1** | **2** | **3** |
| **beginning** | **satisfactory** | **exemplary** |
| **Given a team course project, formulate the specification requirement, select the right design methodology suitable for the complexity and nature of the problem, and implement a functioning software based the design and spec (assessed with a team project)** | not able to construct use cases and sequence diagrams to describe the software system in a consistent and unambigous manner | not able to select the right design for the given problem after the specification is formulated; have trouble identifying suitable desgin patters for the given system | Capable of implementing a stable software system based on the specification and the selected design. Perform blackbox and whitebox testing to validate the developed software |
|  |  |  |  |

## Part 2: Assessment Conclusions, Findings, and Recommendations

### Outcome h conclusions

### Outcome i conclusions

### Outcome k conclusions

### Findings and Recommendations