## COMPUTER SCIENCE DEPARTMENT ASSESSMENT CRITERIA

**Objective 6C: Students will write appropriate end-user and technical documentation.**

**Ratings:** Not acceptable ____ Meets the standard___ Exceptional___

**Criterion 1**: Documentation is expressed in clear and correct English.

> **Rubric:** The documentation reflects a good written command of the English **l**anguage. The vocabulary is appropriate for the target audience.
>
> **Example**: The documentation consists of complete sentences.
>
> **Not Acceptable**: Sentences are incomplete, redundant, confusing or contradictory. Document contains spelling or grammatical errors.

**Criterion 2**: The end-user documentation is sufficient to facilitate effective and efficient use of the system.

> **Rubric:** End-user documentation is not overly technical. The documentation provides a system overview and describes all system features, limitations, and known bugs. The documentation includes installation, execution, and operational instructions, as well as system requirements.
>
> **Example**: The end-user documentation is logically laid out. It is clear and easy to use, and includes appropriate diagrams and narrative. It employs section titles that facilitate locating specific information.
>
> **Not Acceptable**: The end-user documentation contains technical jargon. The documentation is incomplete, incorrect, disorganized, or confusing to read.

**Criterion 3**: The technical documentation provides adequate information to understand, maintain, and update the system.

> **Rubric:** The technical documentation has a clear and logical structure, and completely describes the system. It provides a high level overview, and a detailed description of what each component does. It fully describes how the components interact, and the critical technical choices. It provides citations for algorithms/code/ideas obtained from external sources. It includes a test suite.
>
> **Example**: The code is adequately documented. Each database table, with its fields, is described. The purpose of each class and file is explained. The purpose and contents of each file and directory are listed. The selection of data structures and algorithms is explained. Performance issues are identified. The technical documentation is logically laid out. It is clear and easy to use, and includes appropriate diagrams and narrative. It employs section titles that facilitate locating specific information.
>
> **Not Acceptable**: The technical documentation is incomplete, incorrect, disorganized, or confusing to read.