# General Education Course Data Entry Worksheet

# *An aid for data submission by participating departments to the GEC*

**TECHNOLOGY**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Program Goal** | | **Course Prefix and number** | | | **Course Name** | | | | **Academic Semester** |
| **T: Technology** | |  | | |  | | | |  |
|  | | **Is this an**  **HONORS course?** | | | **Course section number(s)** | | | | **Total number of students in the section(s) of the course** |
|  | |  | | |  | | | |  |
| **Types of course assessments:**  Please tell us**the assessment methods** you utilized in this course in order for students to demonstrate their competencies for each Student Learning Objective (SLO). We are not asking you for data for all of these methods, we would just like to know what kinds of assessments you assigned to students in this iteration of the course. (Please check all that apply.)  If an objective was not assessed, choose 'none'. | | | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | Exam or Quiz objective questions | Exam or Quiz essay questions | Project | Essay, Report, or Written Reflection | Other (describe below) | None (IF not assessed) | | Information Technology |  |  |  |  |  |  | | Software and Systems |  |  |  |  |  |  | | Appropriate Use |  |  |  |  |  |  | | | | | |
| **For the data being reported here:**  Please tell us**the assessment tool method** that was used to collect the data that you are reporting for each Student Learning Objective (SLO) for this course.  If an objective was not assessed, choose 'none'. | | | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | Exam or Quiz objective questions | Exam or Quiz essay questions | Project | Essay, Report, or Written Reflection | Other (describe below) | None (IF not assessed) | | Information Technology |  |  |  |  |  |  | | Software and Systems |  |  |  |  |  |  | | Appropriate Use |  |  |  |  |  |  | | | | | |
| **Student Learning Objective** | | | | | Please give a **detailed description of the assessment method** for each **Student Learning Objective**. Be specific. e.g. Data were collected from student responses to an essay question as part of the final exam. OR, e.g. Data were collected from written selections that students submitted in response to the following prompt: | | | | |
| **SLO1: Information Technology**  *The student is able to apply knowledge of a range of computer technologies to complete projects and tasks (including, but not limited to web/mobile technology).* | | | | |  | | | | |
| **SLO2: Software and systems**  *The student is able to use software and systems to collect, gather and analyze data for projects and tasks.* | | | | |  | | | | |
| **SLO3: Appropriate** **Use**  *The student is able to apply an awareness of ethics and/or security standards while using information technology.* | | | | |  | | | | |
| **YOUR SUMMARY OF DATA COLLECTED** | | | | | | | | | |
| **Student Learning Objective (SLOs)** | **Levels of competency:**  **How many students demonstrated each level of competency on**  **the assessment method used to collect data.**  Levels of competency are not the same thing as the grade earned on the assignment. Please utilize the rubric on the following page to determine what constitutes “**unsatisfactory**,” “**emerging**,” “**developing**,” “**proficient**,” and “**mastery**” levels of student competency. | | | | | | | Please **describe the Use of Results for each Student Learning Objective.** Please be specific. Several sentences are appropriate to give us a detailed look at **how** you plan to use this data to improve student learning in future iterations of the course. ***Please be prepared to submit one student artifact for each level of competency (unsatisfactory, emerging, developing, proficient, mastery) for each of the three SLOs.*** | |
| **Unsatisfactory** | **Emerging** | **Developing** | **Proficient** | | **Mastery** | **None \*\*** |  | |
| **SLO 1:**  ***Information Technology*** |  |  |  |  | |  |  |  | |
| **SLO 2:**  ***Software and Systems*** |  |  |  |  | |  |  |  | |
| **SLO 3:**  ***Appropriate Use*** |  |  |  |  | |  |  |  | |

\*\* students who were registered for the course but, for some reason, did not complete the assessment you are reporting data for, should be included in the “none” column. (*e.g., 4 students did not answer that question on the essay exam, so 4 will go in that column*)

**TECHNOLOGICAL COMPETENCY CURRICULUM**

**RUBRIC OF LEARNING OBJECTIVES (DESIRED OUTCOMES) & COMPETENCIES**

# Program goal: Guide and prompt students to acquire knowledge, skills, and

# competencies regarding a broad range of computer technologies and software, and to use them responsibly.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Learning objectives**  *Desired outcomes* | **Levels of Competency** | | | | |
| **Unsatisfactory** | **Emerging** | **Developing** | **Proficient** | **Mastery** |
| **Information Technology**  *The student is able to apply knowledge of a range of computer technologies to complete projects and tasks (including, but not limited to web/ mobile technology)* | Fails to demonstrate knowledge of a range of computer technologies to complete projects and tasks | Demonstrates minimal knowledge of a range of computer technologies to complete projects and tasks | Applies general knowledge of a range of computer technologies to complete projects and tasks | Applies specific knowledge of a range of computer technologies to complete projects and tasks | Applies advanced features of computer technologies to complete projects and tasks |
| **Software and Systems**  *The student is able to use software and systems to collect, gather and analyze data for projects and tasks* | Fails to demonstrate the use of software and systems to collect, gather and analyze data for projects and tasks | Demonstrates minimal use of software and systems to collect, gather and analyze data for projects and tasks | Applies general use of software and systems to collect, gather and analyze data for projects and tasks | Applies specific use of software and systems to collect, gather and analyze data for projects and tasks | Applies advanced features of software and systems to collect, gather and analyze data for projects and tasks |
| **Appropriate Use**  *The student is able to apply an awareness of ethics and/or security standards while using information technology* | Fails to demonstrate an awareness of ethical and/or security standards when using technology | Demonstrates an awareness of ethical and/or security standards when using technology | Applies general awareness of ethical and/or security standards when using technology | Applies specific awareness of ethical and/or security standards when using technology | Evaluates ethical and/or security dilemmas and makes informed decisions when using technology |

A **program goal** is a clear statement that expresses what our program will do for students. Each goal is designed to prompt and guide teaching practice and program assessment.

A **student learning objective** is a clear statement about what we expect students to learn or accomplish. Like any type of objective, a student learning objective is a desired outcome.

A **student learning outcome** is the result of a learning process; in other words, it is an actual outcome. To foster assessment of student learning, student learning outcomes must be observable, observed, measurable, and measured. Student learning outcomes can be characterized using an ordinal scale of competency (e.g., unsatisfactory, emerging, developing, proficient, and mastery).

A **competency** is the ability to do something successfully.