

Course Assessments

Baseline Assessment

Assessment Reporting Form

This report is to show that academic assessment is occurring and that the results are being used to make changes to improve student learning. The assessment being reported relates to Measurable Student Level Outcomes (MSLOs). This Baseline Assessment Reporting Form shows the percentage of students who are proficient in the student learning outcome(s) assessed and identifies improvements that will be made to increase that percentage.

Course Being Assessed

CIS176 - Python Programming

Assessment Completed Term (baseline)

Spring 2025

Assessment Name and Description

Please provide the name of the assessment and a description of its type (multiple-choice quiz, essay aligned with rubric, performance exam, etc.).

Final exam questions

What is the targeted Proficiency Level For this Assignment?

Intermediate

How Many Faculty Members Administered the Assessment

1

How Many Sections were Included in the Assessment?

1

How Many Students Participated in the Assessment?

14

Term in which Follow-up Assessment will be Completed

Spring 2026

Baseline Data Changes

What efforts and/or changes will be made based on the results of the baseline data?

Enhance student learning by adding additional instruction to the course i.e. lecture, PowerPoint, video, etcetera.; Add additional materials and activities for reinforcement;

If this course aligns with a program, what PLO's were assessed?

1. (Create Level) Design and construct a secure and efficient network, including hardware and software. (CSLO 2) 5. (Application Level) Install, customize, and troubleshoot workstations. (CSLO 2)

List the First MSLO that was Assessed

1. (Comprehension Level) Understand data types (like character strings, integers, and real numbers) and the operations that can be applied to each data type. (CSLO 2) (PLOs 1, 3)

Which Common Student Learning Outcome(s) does this MSLO align with?

3. Personal & Professional Skills; 4. Reasoning Skills;

How Many Students Demonstrated Proficiency on this MSLO?

11

List the Second MSLO that was Assessed

2. (Synthesis Level) Develop programs that get input, perform calculations, and provide output (using conditional logic, loops, and functions). (CSLO 3) (PLOs 1, 3, 6)

Which Common Student Learning Outcome(s) does this MSLO align with?

3. Personal & Professional Skills;4. Reasoning Skills;

How Many Students Demonstrated Proficiency on this MSLO?

10

List the Third MSLO that was Assessed

6. (Comprehension Level) Describe the main features of Python. (CSLO 2) (PLOs 1, 3)

Which Common Student Learning Outcome(s) does this MSLO align with?

3. Personal & Professional Skills;4. Reasoning Skills;

How Many Students Demonstrated Proficiency on this MSLO?

10

List the Fourth MSLO that was Assessed

4. (Comprehension Level) Understand the syntax and semantics of the Python programming language. (CSLO 2) (PLOs 1, 3)

Which Common Student Learning Outcome(s) does this MSLO align with?

3. Personal & Professional Skills;4. Reasoning Skills;

How Many Students Demonstrated Proficiency on this MSLO?

12

List the Fifth MSLO that was Assessed

4. (Comprehension Level) Understand the syntax and semantics of the Python programming language. (CSLO 2) (PLOs 1, 3)

Which Common Student Learning Outcome(s) does this MSLO align with?

3. Personal & Professional Skills;4. Reasoning Skills;

How Many Students Demonstrated Proficiency on this MSLO?

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