University of Houston ◢ Clear Lake
Office of Institutional Effectiveness

CREATING STUDENT LEARNING OUTCOMES

You choose which outcomes you want to assess for the current cycle based on the **Student Learning Outcomes (SLOs)** you set up in the **Standing Requirements** section of your assessment workspace. Only include outcomes in the plan you want to assess for <u>that</u> cycle.

- ❖ **Student Learning Outcomes** (SLOs) <u>**focus on student learning**</u> that is consistent with the program's mission and goals. SLOs are clear statements that describe/specify the expected knowledge, skills, attitudes, abilities, values, and/or competencies that **students** are expected to acquire/demonstrate upon completion or participation in a program, activity, course, or project.

  - What do you want the students to know? (content knowledge or understanding)
  - What do you want the students to be able to do? (abilities, skills, or competencies)
  - What do you want the students to care about? (values, attitudes)

  When writing SLOs, use student-focused language, include action verbs, and ensure that the learning outcomes demonstrate *actionable* attributes. In addition, each outcome needs a short, logical title that allows you to easily recognize which outcome you are assessing.

  Below are examples of Outcome titles (line 1 of each bullet point) and Student Learning Outcome descriptions (lines 2-3 of each bullet point).

  - Create Works of Art
    Students will be able to use basic vector, 3D design, video, and web technologies in the creation of works of art.

  - Magnetic Fields
    Students will be able to calculate the magnitude and direction of magnetic fields created by moving electric charges.

  - Communication
    Students will develop the ability to communicate effectively through writing and speaking by observing, reading, listening, and using appropriate information technologies.

  - Information and Ideas
    Students will develop the disposition and skills to strategize, gather, organize, create, refine, analyze, and evaluate the credibility of relevant information and ideas.

STUDENT LEARNING OUTCOME EXAMPLES

Audit Risks
Students will be able to identify and assess audit risk.

Ethics
Students will be able to recognize ethical dilemmas, know their importance, pose potential solutions, and/or foresee consequences.

Knowledge of the Subject Matter
Students will demonstrate depth and breadth of content knowledge, skills and dispositions that are aligned with national, state or district standards.

Curriculum, Instruction, & Assessment
Students will create, organize and implement developmentally appropriate curriculum, instruction and assessment that are consistent with current pedagogy, content knowledge and skills.

Knowledge of Fundamentals
Students will demonstrate knowledge of the fundamentals of research, practice, and the primary guiding philosophies in behavior analysis.

Critical Thinking
Students will be able to demonstrate the application of critical thinking skills within the context of professional social work practice.

Criminological Research
Graduate students will demonstrate appropriate mastery of research methodology in criminological research.

Problem Solving
BS/BA students in Biology are able to apply problem solving and basic scientific methods in lab procedures and data analysis.

Oral Communication Skills
Graduate students in the Physics program will demonstrate effective oral communication skills.

Skills
Students will develop interpersonal and intrapersonal skills in the transition to the collegiate atmosphere.

Student Ambassadors
Student ambassadors will demonstrate accountability, communication, and initiative skills as a result of their employment.

Time Management
Students who participate in Academic Coaching will demonstrate effective time management skills and be able to better organize and prioritize tasks.