The assessment director can assist you in identifying strategies for assessing course and student learning outcomes. Example assessment methods include:

**Direct Measure:** These methods involve students' displays of knowledge and skills (e.g. test results, written assignments, presentations, classroom assignments) resulting from learning experiences in the class/program.

- Course assignments/homework
- Culminating project (capstone projects, senior theses, senior exhibits, design project, etc.)
- Lab assignment
- Embedded assignments, course activities, tests/quizzes
- Juried performance (oral presentation, design exhibit, poster session, etc.)
- Exams (ETS field tests, Fundamentals of Engineering exam, etc.)
- Project (research project, major paper, case study, group project, field session project)
- Oral presentation
- Written report, project, etc.
- Mathematical reasoning tests, computer competency tests, critical thinking tests, etc.
- Test of students’ recognition of and understanding of ethical issues
- Feedback from internship supervisors, project clients, employers, etc.

**Indirect Measure:** Gathers reflection about the learning or secondary evidence of its existence.

- Students’ self reports of knowledge gained and skills development
- Surveys that measure changes in attitudes, values, or beliefs (current students, alumni, seniors, etc.) Note that the Assessment Office administers surveys of current students, graduating seniors, and alumni. Results are available to faculty.)
- Interviews
- Focus groups
- Peer feedback
- Visiting/advisory committee feedback

**Additional resources include:**

- How to create a rubric?
- How to develop student learning outcomes?
- How to develop measurable action words to describe outcomes?
- How to assess ethical sensitivity, knowledge, and judgment?