

## Assessment Methodologies Matrix

### Specify Areas of Student Achievement Measured

- Content knowledge
- Critical thinking or problem-solving
- Literacy or writing proficiency
- Bloom's Taxonomy higher cognitive levels: analysis, synthesis, or assessment
- Affective development, values, attitudes or social development

### Triangulate with more than two methods:

Because each method has its limitations, an ideal assessment program would combine direct and indirect measures from a variety of sources. This triangulation of assessment methods can provide converging evidence of student learning. Examples of direct and indirect assessments reported in quantitative and qualitative results are given in the matrix below.

	Direct	Indirect
Quantitative	Capstone courses aggregate GPA	Classroom Assessment: Muddiest Point
	Case analysis	Final course grade
	Case studies	Graduate school acceptance of program grads
	Class project (individual or group)	Job placement of program graduates
	Classroom Assessment: 1 minute essay	Job placement statistics
	Commercial instrument or test	Percentage of students who study abroad
	Comprehensive exams	Program GPA
	Course embedded questions	Student graduation rates
	Essay test question	Student program retention
	Grading with criteria or rubrics	Survey of current students
	GRE, GMAT, MCAT etc.	Survey of graduates
	Intercollegiate Competitions	Survey of internship supervisors
	Juried review of performances and exhibitions	Survey of student satisfaction
	Licensure or certification exams	Survey of transfer institutions
	Major project	Surveys of alumni
	Multiple-choice test question	Surveys of department faculty
	National Major Field Achievement Tests	Surveys of employers
	Observations of student performance	Surveys of other faculty
	Oral presentation	Tracking of student data
	Performance piece (e.g., musical recital)	
Portfolios, electronic or printed		
Poster presentation		
Pre and posttests		
Senior thesis or major project		
Standardized test		
Term paper		
Video or audio tapes student performance		
	Direct	Indirect
Qualitative	Clinical evaluation	Internship evaluations
	External examiners	Alumni interviews or focus groups
	Faculty peer review	Employer interviews or focus groups
	Practicum or internship	Exit interviews
	Reflective journals	Exit interviews
		Focus group discussions
		Focus groups
		Student program evaluations
	Third-party observation	