

**General Engineering Program Objectives:** The following student-centered metrics will be used to evaluate the quality of content delivered by the General Engineering Program.

		The program will . . .	Measures	Goal
Administrative	Classroom Environment	Provide GE Students with a quality learning experience.	iRoar: Section Size	< 49 Students
			QAS: Learning Aids	80% effective rating (if required by coordinator)
	Support Service	Guide students to develop an actionable plan toward attaining academic and professional goals.	Google Form: Advising Plan	90% Spring plan completed
			QAS: Academic Advising	> 80% satisfaction
	High-Impact Programs	Provide resources to support high-impact programs that improve student engagement in engineering topics.	Seats: RiSE, Honors, CI	>750, >100, >50
			QAS: RiSE (impact)	> 80% Satisfaction
			QAS: RiSE (recruitment)	> 50% agreement
	Achievement	Learning Gains Introduce students to foundational knowledge and skills required to be successful as an engineering student  - Problem Solving - Digital Literacy - Communication - Self-Awareness	Course Final Grade	> 85 % earn > = C final grade
			Course Performance by Learning Outcomes	> 80% average score on relevant rubric items
QAS: Learning Engineering			> 90% agree to learning gains	
Educational Program	Retention	Prepare students academically to progress in an engineering major.	Course Grades ENGR 1020 & ENGR 1410 or CHE 1300	> 85% earn at least C in Engineering Fall & Spring to file COAP by August 15
	Progression (COAP)	Evaluate student preparation for upper level engineering courses and admit qualified students to the desired major.	COAP Proportions	May Year 1 70%
				Aug Year 1 80%
				Aug Year 2 <5% remain

At the end of the GE Program, students will display the ability to:			Goals
Achievement (Expanded)	<b>Problem Solving</b>	Identify, formulate, and solve basic engineering problems using fundamental engineering principles and graphical analysis.	>80% of possible points on average
	<b>Digital Literacy</b>	Use the techniques, skills, and modern engineering tools necessary for engineering practice.	>80% of possible points on average
	<b>Communication</b>	Communicate technical information in graphical and written form while complying with engineering conventions and standards.	>80% of possible points on average
	<b>Self-Awareness</b>	Make a confident decision on their choice of a desired degree granting major to pursue.	> 80% confident (> 7/10 rating)