

Mapping of program educational objectives, outcomes and assessment methods

PROGRAM EDUCATIONAL OBJECTIVES	STUDENT OUTCOMES (ABBREVIATED FORM OF a THROUGH k)	Performance Appraisal	F.E. Exam	Senior Design Projects
1, 3, 4	<i>a.</i> math, science & engineering	361 Archilla 381 Ma	Ray	
1, 3, 4	<i>b.</i> design & conduct experiments	320 Teng 375 Shen		
1, 3, 4	<i>c.</i> design system, component, process	485 Robertson		490 Babcock
1, 3, 4	<i>d.</i> function on multi-disciplinary teams	444 Prevedouros 490 Babcock		
1, 3, 4	<i>e.</i> identify, formulate & solve eng. problems	305 Singh 485 Robertson		
1, 2, 3, 4	<i>f.</i> professional & ethical responsibility	489C Babcock	Ray	
1, 3, 4	<i>g.</i> communicate effectively	462 Prevedouros 489C Babcock 490 Babcock		
1, 3, 4	<i>h.</i> understand impact in global & societal context	431 Liu/Yan 464 Papacostas		
1	<i>i.</i> life-long learning	421 Teng 462 Prevedouros		
1	<i>j.</i> knowledge of contemporary issues	431 Liu/Yan 444 Prevedouros		
1, 3, 4	<i>k.</i> use techniques, skills and tools for eng. practice	455 Ooi 482 Ma	Ray	

Program Educational Objectives are reviewed annually by IAC.