

Transfer Program Outcomes Crosswalk and 7-Year Assessment Plan – Engineering Department

IO1 Communication: Students will be able to communicate clearly and effectively.

IO2 Quantitative Reasoning: Students will be able to reason mathematically.

IO3 Human Relations/Workplace Skills: Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills.

PO4 Students will be able to recognize or articulate personal/interpersonal aspects of, or connections between, diverse cultural, social, or political contexts.

PO5 Students will be able to solve problems by gathering, interpreting, combining and/or applying information from multiple sources.

Program and Course Crosswalk

Course	Course Title	IO1	IO2	IO3	PO4	PO5
ENGR 110	Intro to Science and Engineering					X
ENGR&111	Engineering Graphics I		X			X
ENGR&112	Engineering Graphics II		X			X
ENGR 201	Material Science					X
ENGR 202	Design of Logic Circuits					X
ENGR&204	Electrical Circuits					X
ENGR 205	Electrical Circuits Lab					X
ENGR&214	Statics		X			X
ENGR&215	Dynamics		X			X
ENGR&224	Thermodynamics					X
ENGR&225	Mechanics of Materials		X			X
ENGR 240	Applied Numerical Methods					X

7-year Assessment Plan

Course	Course Title	Not Taught	21-22	22-23	23-24	24-25	25-26	26-27	27-28
ENGR 110	Intro to Science and Engineering			PO5					
ENGR&111	Engineering Graphics I	X				PO5			IO2
ENGR&112	Engineering Graphics II	X				PO5			IO2
ENGR 201	Material Science	X							
ENGR 202	Design of Logic Circuits	X							
ENGR&204	Electrical Circuits		PO5						
ENGR 205	Electrical Circuits Lab		PO5						
ENGR&214	Statics	X							
ENGR&215	Dynamics	X							
ENGR&224	Thermodynamics	X							
ENGR&225	Mechanics of Materials	X							
ENGR 240	Applied Numerical Methods						PO5		

For your reference:

Academic Year:	21-22	22-23	23-24	24-25	25-26	26-27	27-28
Assessment Cycle Year:	Yr 5	Yr 6	Yr 7	Yr 1	Yr 2	Yr 3	Yr 4
College-wide Assessment of IOs:	IO3	IO3 again or POs	POs	IO1	IO1 again or POs	IO2	IO2 again or POs