



Architectural Engineering Program

Mapping Between Core Courses and SOs



	tan. Code (ABET)	Class Name	Student's Outcome							
			SO1	SO2	SO3	SO4	SO5	SO6	SO7	
Level 1	ARC 112	Visual Training & Freehand Drawing	-	✓	✓	-	-	-	-	
	ARC 113	Sociography & Perspective	-	✓	-	-	-	-	-	
	ARC 121	History & Theory of Architecture 1	-	-	✓	✓	✓	-	-	
	ARC 131	Building Construction 1	-	✓	✓	-	-	✓	-	
	ELP 111	Principles of Electrical Engineering (Elective A)	✓	-	✓	-	-	-	-	
	CIS 112	Structural Analysis 1	✓	-	-	-	-	-	-	
	ARC 111	Arts & Architecture	-	✓	✓	✓	✓	-	-	
	CIS 111	Principles of Construction & Building Engineering	✓	-	-	-	-	-	-	
	CIS 141	Behavior of Materials	✓	-	-	-	-	-	-	
	ARC 122	History & Theory of Architecture 2	-	✓	-	✓	✓	✓	-	
	CIW 121	Engineering Surveying	✓	-	-	-	✓	✓	-	
	ARC 132	Building Construction 2	-	✓	-	-	✓	-	-	
	ARC 151	Architectural Design 1	-	✓	-	-	✓	✓	-	
	Level 2	ARC 252	Architectural Design 2	-	✓	-	-	✓	✓	-
ARC 261		Landscape & Urban Design	-	✓	-	✓	✓	-	-	
ARC 262		History & Theory of Planning	-	-	-	✓	✓	-	-	
CIS 222		Reinforced Concrete & Foundations	✓	✓	-	-	-	-	-	
ARC 223		History & Theory of Architecture 3	-	✓	-	✓	✓	-	-	
ARC 233		Building Construction 3	-	✓	-	-	✓	✓	-	
ARC 241		Environmental Control	✓	✓	-	✓	✓	✓	-	
ARC 242		Acoustics & Illumination	✓	✓	-	-	-	-	-	
ARC 253		Architectural Design 3	-	✓	-	-	✓	✓	-	
ARC 458		Sustainable Architecture	-	-	-	✓	-	✓	-	
MEP 342		Air Conditioning in Buildings	✓	✓	✓	-	-	-	-	
ARC 224		History & Theory of Architecture 4	-	-	✓	✓	✓	-	-	
291		Field training 1	✓	-	✓	✓	✓	✓	-	
Level 3		IEN 351	Engineering Economics	✓	-	-	✓	-	-	-
	ARC 327	Architectural Criticism & Projects Evaluation	-	✓	-	✓	✓	-	-	
	ARC 331	Working Drawings 1	-	✓	✓	-	✓	-	-	
	ARC 354	Architectural Design 4	-	✓	-	-	✓	✓	-	
	CIS 231	Design of Steel Structures 1	✓	✓	-	-	-	-	✓	
	IEN 314	Project Management	✓	-	-	-	✓	-	-	
	ARC332	Working Drawings 2	-	✓	-	-	✓	-	-	
	ARC 336	Maintenance of Buildings	-	-	✓	✓	-	-	-	
	ARC 355	Architectural Design 5	-	✓	-	-	✓	✓	-	
	ARC 371	Architectural & Urban Legislations	-	-	-	✓	-	-	-	
	CIW 232	Sanitary Installations in Buildings	✓	✓	-	✓	✓	-	-	
	391	Field training 2	✓	-	✓	✓	✓	✓	-	
	Level 4	BAS 212	Statistics & Probability Theory	✓	-	-	-	-	-	-
		ARC 457	Interior Design	-	✓	✓	-	-	✓	-
ARC 463		Housing	✓	✓	-	-	✓	✓	-	
ARC 491		Project 1	-	-	✓	✓	✓	-	✓	
ARC 472		Execution Documents	✓	-	-	✓	✓	-	-	
ARC 492		Project 2	✓	✓	✓	-	-	✓	✓	