

## CET ABET COURSE OBJECTIVES

Table 10. Construction Engineering Technology Content Matrix

Degree	Year	Class	ABET Criteria
<b>BS CONSTRUCTION ENGINEERING TECHNOLOGY</b>	<b>1</b>	EGN 1112C Engineering Graphics II	SLO1, SLO2, SLO3
		EGN 1110C Engineering Graphics I	SLO1, SLO2, SLO3
		BCN 1221C Building Construction	SLO1, SLO3, SLO5
		BCN 2230 Material and Methods I	SLO1, SLO3, SLO5
		BCN 2231 Material and Methods II	SLO1, SLO3, SLO5
	<b>2</b>	BCN 3271 Construction Documents I	
		BCN 3240 Construction Equipment and Operations	SLO1, SLO2, SLO3, SLO5
		BCN 3731C Construction Safety & Certification	SLO2, SLO3
		SUR Elementary Surveying & Lab	SLO1, SLO3, SLO4, SLO5
	<b>3</b>	BCN 3720 Construction Planning & Scheduling	SLO1, SLO2, SLO3, SLO5
		BCN 3562C Electrical Systems in Construction	SLO1, SLO2, SLO3, SLO5
		BCN 3566C Electromechanical Systems	SLO1, SLO3, SLO5
		BCN 4617 Construction Estimating I	SLO1, SLO3, SLO5
		CET 2365 C Programming for Eng & Tech	SLO1, SLO2, SLO3
		ETG 2502 Statics	SLO1, SLO3, SLO5
		ETG 2530 & L Strength of Material and Lab	SLO1, SLO3, SLO4, SLO5
		BCN 4619 Construction Estimating II	SLO1, SLO2, SLO3, SLO5
		BNC 4782 Computer Applications in Construction	SLO1, SLO3, SLO5
		ETC 3211 & L Soil Mechanics & Foundation with Lab	SLO1, SLO3, SLO4, SLO5
		BCN 4941 Internship or Technical Elec	SLO1, SLO3
		ETG 4949 Professional Development	SLO1, SLO3, SLO5
		<b>4</b>	BCN 3737 Construction Management I
	BCN 4705 Construction Code & Law		SLO1, SLO3, SLO4, SLO5
	ETC 4454 Reinforced Concrete I		SLO1, SLO3, SLO4, SLO5
	BCN 3939 Construction Management Capstone Project		SLO1, SLO2, SLO3, SLO5
	BCN 3253 Construction Accounting		SLO1, SLO3, SLO5
	ETC 4455 Reinforced Concrete II		SLO1, SLO2, SLO3, SLO4
	ETI 4671 Principle of Engineering Economics		SLO1, SLO2, SLO3