

B.S. Construction Engineering Technology

Year 1

FALL		
Course	Title	Hours
BCN 1221C	Building Construction	3
BCN 2230	Materials & Methods of Construction I	3
EGN 1110C	Engineering Graphics I (w/AutoCAD)	2
EGS 1000	Introduction to Engineering Technology	1
ENC 1101	Freshman Communication Skills I	3
MAC 1114	Algebraic and Trigonometric Functions	3
		Semester Hours: 15

SPRING		
Course	Title	Hours
BCN 2231	Materials & Methods of Construction II	3
CHM 1030	Introduction to Chemistry for Non-Science Majors	3
EGN 1112C	Engineering Graphics II(AutoCAD)	3
ENC 1102	Freshman Communication Skills II	3
PHY 2053	College Physics I	3
PHY 2053	College Physics I Lab	1
		Semester Hours: 16
Year 1 Total: 31		

Year 2

FALL		
Course	Title	Hours
BCN 3271	Construction Documents	3
ENC 3243	Technical Report Writing	3
STA 2023	Introduction to Probability & Statistics	3
SUR 2140C	Elementary Surveying	3
SUR 2140L	Elementary Surveying Lab	1
	<i>African American History Elective</i>	3
		Semester Hours: 16

SPRING		
Course	Title	Hours
BCN 3240	Construction Equipment & Operations	2
BCN 3731C	Construction Safety & OSHA Certification	2
MAC 2311	Calculus I	4
	<i>Humanities Core (PHI2010 recommended)</i>	3
	<i>Social Science Core (FL Civic Literacy)</i>	3
		Semester Hours: 14
		Year 2 Total: 30

Year 3

FALL		
Course	Title	Hours
BCN 3562C	Electrical Systems in Construction	3
BCN 3720	Construction Planning & Scheduling	2
BCN 4617	Construction Estimating I	3
CET 2365C	C-Programming for Engineering & Technology	3
ETG 2502	Statics	3
	<i>Humanities Elective (PHI3601 recommended)</i>	3
Semester Hours: 12		

SPRING		
Course	Title	Hours
BCN 3566C	Electromechanical Systems	3
BCN 4619	Construction Estimating II	3
BCN 4782	Computer Applications for Construction Management	3
ETC 3211	Soil Mechanics & Foundations	3
ETC 3211L	Soil Mechanics & Foundations Lab	1
ETG 2530	Strength of Materials	3
ETG 2530L	Strength of Materials Lab	1
ETG 4939	Professional Development	1
Semester Hours: 18		
Year 3 Total: 21		

Year 4

FALL		
Course	Title	Hours
BCN 3797	Construction Management I	3
BCN 4705	Contracts, Codes, & Law	3
BCN 4941	Internship or Technical Elective	2
ETC 4454	Reinforced Concrete I	3
ETC 4454L	Reinforced Concrete I Lab	1
	<i>University Specified Elective</i>	3
		Semester Hours: 15

SPRING		
Course	Title	Hours
BCN 3253	Construction Accounting	3
BCN 3939	Construction Management Capstone Project	2
ETC 4455	Reinforced Concrete II	3
ETI 4671	Principles of Engineering Economics I	2
	<i>Social Science Elective (PSY 2012 recommended)</i>	3
		Semester Total: 13
		Year Total: 28

Total B.S. Construction Engineering Technology Hours: 124