BACHELOR OF SCIENCE, MAJOR IN ENGINEERING TECHNOLOGY - CONCENTRATION IN SAFETY MANAGEMENT

Code	Title	Hours
Bachelor of Science, Major in Engineering Technology - Concentration in Safety Management		
Core Curriculum		
Component Area I (Communication)		6
Component Area II (Mathematics)		3
Component Area III (Life and Physical Science)		8
Component Area IV (Language, Philosophy, and Culture)		3
Component Area V (Creative Arts)		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences)		3
Component Area IX (Component Area Option)		4
Degree Specific Requirements		
ENGL 3330	Intro To Technical Writing	3
MATH 3379	Statistical Mthods In Practice	3
Select one from the following: [1]		3
MATH 1314	Pre Calculus Algebra	
MATH 1324	Mth For Mngl Decision Making	
MATH 1420	Calculus I	
MATH 1316	Plane Trigonometry [1]	3
PHYS 1301 & PHYS 1101	General Phy-Mechanics & Heat and General Physics Laboratory I	4
PHYS 1302 & PHYS 1102	Gen Phy-Snd,Lght, Elec, & Mag and General Physics Laboratory II	4
Major Core		
ETEC 1010	Engineering Foundations	1-2
ETEE 1340	Electronics Technology I	3
ETDD 1361	Engineering Graphics	3
or ETDD 1390	Intro -Computer Aided Drafting	
ETCM 1363	Wood Frame Construction	3
Major		
ETEE 2320	Electronics Technology II	3
ETEC 3374	Time And Motion Study	3
or ETEC 3367	Engineering Materials Techn	
ETSM 3363	Safety Program Management	3
ETDD 4380	Material Hand & Plant Layout	3
ETSM 4382	Industrial Safety	3
ETEC 4384	Supervisory Personnel Practice	3
or INED 4310	Occup. Human Relations in CTE	
6 hours Internship		6
ETEC 4391	Work Base Mentorship	
Approved Safety Management (ETSM) Advanced Electives		9
Minor (if required)		
Minor		6
Minor (12 hours advanced)		12
Total Hours		120-121

[1] MATH 1316 or MATH 1314 or MATH 1420 or MATH 1324 satisfies the Core Curriculum requirement for Component Area II (Mathematics) and the Degree Specific requirement.

Note

Students should use elective and/or minor hours to satisfy the 42 advanced hour requirement.

First Year

Fall	Hours	Spring	Hours
Component Area I	3	Component Area I	3
Component Area IX	3	Component Area VI	3
ETDD 1361 or 1390	3	Component Area IX[2]	0-1
ETEC 1010	1-2	MATH 1316	3
MATH 1314, 1324, or 1420[1]	3-4	Minor	3
	13-14		13

Second Year

Fall	Hours	Spring	Hours
Component Area IV	3	Component Area VII	3
Component Area V	3	Component Area VIII	3
Component Area VI	3	ETEE 1340	3
ETCM 1363	3	PHYS 1302 & PHYS 1102	4
PHYS 1301 & PHYS 1101	4	ENGL 3330	3
	16		16

Third Year

Fall	Hours	Spring	Hours
Component Area III	4	Component Area III	4
Component Area VII	3	ETEC 4384 or INED 4310	3
ETEE 2320	3	ETSM 4382	3
ETSM 3363	3	ETSM Advanced Electives	6
Minor	3		
	16		16

Fourth Year

Fall	Hours	Spring	Hours
ETDD 4380	3	ETEC 3374 or 3367	3
ETSM Advanced Elective	3	Internship	6
MATH 3379	3	ETEC 4391	
Minor (3 hours Advanced)	6	Minor Courses (Advanced)	6
	15		15

Total Hours: 120-121

[1] Satisfies Core Curriculum requirement for Component Area II (Mathematics). MATH 1420 will also satisfy one semester credit hour of Core Curriculum requirement Component Area IX (Component Area Option).

[2] If MATH 1420 is taken, the additional one semester credit hour of Core Curriculum Component Area IX (Component Area Option) is satisfied.