

ENGINEERING TECHNOLOGY (BSET)

FALL SEMESTER

1st Semester

Math	1022[0074]	Precalculus	4
Chem	1031[C071]	General Chemistry I	3
Chem	1033[C073]	General Chemistry Lab I	1
Engr	0802[1002/C050]	Analytical Reading & Writing	4
Engr	1101[0001]	Intro to Engineering	<u>2</u>
			14

3rd Semester

Stat	2101[C021]	Statistics	3
Phys	1021[C085]	College Physics I	4
SPCOM	1111[0065]	Public Speaking	3
Envr	1051[C010]	Intro. to the Environment	3
IH	0852[1297/ X052]	Mosaic II	<u>3</u>
			16

5th Semester

Tech	xxxx	Approved Elective	3
Math	xxxx	Math or Statistics Elective / min	3
Engr	2333/2332	Mechanics of Solids	3
Engr	3096[W241]	Economic Analysis	3
GenEd	xxxx	Human Behavior	<u>3</u>
			15

7th Semester

EE	2112[0063]	Electric Devices & Systems I	4
Engr	2696[W102]	Technical Writing	3
Tech	xxxx	Approved Elective	3
Tech	xxxx	Approved Elective	3
GenEd	xxxx	Race & Diversity	<u>3</u>
			16

Total hours = 124 s.h. minimum

SPRING SEMESTER

2nd Semester

Math	1031[C077]	Diff. & Integral Cal	4
Engr	1117[0011]	Engr Graphics	3
IH	0851[1196/X051]	Mosaic I	3
GenEd	xxxx	The Arts	3
Free	xxxx	Approved Elective	<u>3</u>
			16

4th Semester

Phys	1022[C086]	College Physics II	4
Engr	2331[0131]	Statics	3
Tech	xxxx	Approved Elective	3
Econ	1102[0052]	Microecon (Core IN)	3
GenEd	xxxx	World Society	<u>3</u>
			16

6th Semester

ET	3396[W223]	Materials Technology	3
ET	2521/3532	Applied Fluid Mech.or ET Thermo.	3
ET	4119[0313]	Professional Seminar	1
Tech	xxxx	Approved Elective	3
GenEd	xxxx	US Society	3
Free	xxxx	Approved Elective	<u>3</u>
			16

8th Semester

ET	4161[0361]	Capstone Project	3
Tech	xxxx	Approved Elective	3
Tech	xxxx	Approved Elective	3
Tech	xxxx	Approved Elective	3
Free	xxxx	Approved Elective	<u>3</u>
			15

TRACKS IN ENGINEERING TECHNOLOGY

Identifiable Track of “Energy Technology” (in buildings)

ET	2521[222]	Applied Fluid Mechanics	3
ET	3532[232]	Thermodynamics	3
ET	4532[335]	Heating Ventilating and Air Conditioning	3
CE	1105/1115[005/015]	Surveying with laboratory	3
CE	2341[241]	Construction Materials Laboratory	2
CCET	2124[120]	Construction Methods & Materials	3
CCET	3121[121]	Construction Estimates & Costs	3
CCET	3322[122]	Construction Planning and Scheduling	3
CCET	3123[123]	Estimating Laboratory	<u>1</u>
			24 s.h.

Identifiable Track of “Environmental Technology”

ET	2521[222]	Applied Fluid Mechanics	3
CE	3711[345]	Environmental Engineering	3
CE	4731[346]	Solid & Hazardous Waste Engineering	3
CE	4711[316]	Air Pollution Control Sys(Prereq. ET 2521)	3
CCET	3351[350]	Applied Hydraulics(Prereq. ET 2521)	3
CE	4721[341]	Water and Wastewater Sys(Prereq. CCET 3350)	3
Related Technical Electives including Laboratories			<u>6</u>
			24 s.h.

Identifiable Track of “Construction Technology”

CE	1105/1115[005/015]	Surveying with laboratory	3
CE	2341[241]	Construction Materials Laboratory	2
CCET	2120[120]	Construction Methods & Materials	3
CCET	3121[121]	Construction Estimates & Costs	3
CCET	3322[122]	Construction Planning and Scheduling	3
CCET	3123[123]	Estimating Lab	1
CCET	2125[125]	Construction Contracts & Specifications	3
CCET	4973[322]	Construction Financial Management	3
CCET	4396[W361]	Capstone in Construction w/Lab	<u>3</u>
			24 s.h.

Identifiable Track of “Computer Technology”

EE	2612/2613[156/157]	Digital Circuit Design w/lab	4
EE	3612/3613[235/236]	Microprocessor Systems w/lab	4
EE	3312/3313[254/255]	Electronic Devices & Circuits w/lab	4
EE	4612[335]	Advanced Processor Systems	3
CIS	1057[071]	Programming in C	4
CIS	1068[067]	Program Design & Abstraction	4
EE	3091	Independent Study in EE	<u>1</u>
			24 s.h.