

B.S. in Engineering Technology

Plan of Study (BSET)

Year One

Term 1		Credits
ENGR 101	Introduction to Engineering	3
ENGL 123	English Composition	3
Credits Subtotal		6.0
Term 2		Credits
MATH 241	Calculus and Analytical Geometry I	4
ENGR 115	Introduction to Computing for Engineers	3
	Humanities Lower-Level (HUMN)	3
Credits Subtotal		10.0
Term 3		Credits
MATH 242	Calculus and Analytical Geometry II	4
PHYS 150	Physics I for Engineers	3
Credits Subtotal		7.0
Term 4		Credits
PHYS 160	Physics II for Engineers	3
	English/Speech (ENGL/SPCH)	3
ECON 210	Microeconomics	3
Credits Subtotal		9.0
Credits Total:		32.0

Year Two

Term 1		Credits
ENGR 120	Graphical Communications	3
CHEM 110	General Chemistry I	3
CHEM 110L	General Chemistry I Laboratory	1
	English/Speech (ENGL/SPCH)	3
Credits Subtotal		10.0
Term 2		Credits
ESCI 201	Statics	3
CESC 220	Digital Circuit Design	3
CESC 222	Digital Circuit Design Laboratory	1
Credits Subtotal		7.0
Term 3		Credits
ESCI 202	Solid Mechanics	3
ESCI 206	Fluid Mechanics	3
ECON 211	Macroeconomics	3
Credits Subtotal		9.0
Term 4		Credits
ESCI 204	Dynamics	3
STAT 222	Business Statistics	3
Credits Subtotal		6.0
Credits Total:		32.0

Year Three

Term 1		Credits
ETEC 310	Material Science for Engineering Technology	3
RSCH 202	Introduction to Research Methods	3
Credits Subtotal		6.0
Term 2		Credits
HUMN 330	Values and Ethics	3

MGMT 201	Principles of Management	3
	Area of Concentration course	3
Credits Subtotal		9.0
Term 3		Credits
MGMT 203	Management for Aeronautical Science	3
ETEC 315	Circuits for Engineering Technology	3
ETEC 316	Circuits Laboratory for Engineering Technology	1
Credits Subtotal		7.0
Term 4		Credits
	Area of Concentration course	3
	Open Elective (General)	3
	Area of Concentration course	3
Credits Subtotal		9.0
Credits Total:		31.0

Year Four

Term 1		Credits
ETEC 410	Thermodynamics for Engineering Technology	3
	Area of Concentration course	3
	Open Elective (General)	3
Credits Subtotal		9.0
Term 2		Credits
ETEC 415	Control Systems	3
	Area of Concentration course	3
Credits Subtotal		6.0
Term 3		Credits
	Area of Concentration course	3
ETEC 490	Engineering Technology Capstone I	3
Credits Subtotal		6.0
Term 4		Credits
ETEC 491	Engineering Technology Capstone II	3
	Open Elective (General)	3
Credits Subtotal		6.0
Credits Total:		27.0
Total Degree Requirements		122