

Drafting and Design Engineering Technology Curriculum:

Curriculum for Drafting Design Engineering Technology			
Freshman Year			
FALL SEMESTER	HRS.	SPRING SEMESTER	HRS.
FYE 101 First Year Experience	1	FYE 102 First Year Experience	1
ENG 101 Freshman Composition	3	ENG 102 Freshman Composition	3
MATH 153 Calculus I	3	MATH 154 Calculus II	3
BIOL 113 Principles of Biology	3	HIST 101 Western Civilizations	3
BIOL 115 Principles of Biology Lab	1	ETC 104 Prin. of Electrical Circuits I	2
ETC 101 Introduction to Engineering Technology	2	ETC 124 Prin. of Elect. Circuits I Lab	1
ETC 103 Engineering Graphics	3	SOC 101 Introduction to Social Science	3
Total Semester Hours:	16	Total Semester Hours:	16
Sophomore Year			
FALL SEMESTER	HRS.	SPRING SEMESTER	HRS.
HIST 104 Modern World History	3	GET 300 Rising Junior Examination	0
PHYS 153 General Physics I	4	DET 202 Computer-Aided Drafting II	3
MATH 273 Probability & Statistics I	3	PHYS 154 General Physics II	4
DET 201 Computer Aided Drafting I	3	ETC 208 Computer Applications I	2
ETC 202 Engineering Mat'l & Processing	2	ETC 228 Computer Applications I Lab	1
ETC 222 Engr. Mat'l & Processing Lab	1	ENG 200 World Literature	3
		ECON 201 Macroeconomics	3
Total Semester Hours:	16	Total Semester Hours:	16
Junior Year			
FALL SEMESTER	HRS.	SPRING SEMESTER	HRS.
DET 307 Computer-Aided Drafting III	3	ETC 302 Dynamics	3
ETC 301 Statics	3	ENG 305 Advance Technical Report Writing	3
ETC 303 Computer Application II	2	ETC 306 Strength of Materials	3
ETC 323 Computer Application II Lab	1	ETC 326 Strength of Materials Lab	1
ARTS 210 Intro to Fine and Performing	3	DET Elective	3
ETC 102 Safety Engineering	2	FREE Elective	3
Total Semester Hours:	14	Total Semester Hours:	16
Senior Year			
FALL SEMESTER	HRS.	SPRING SEMESTER	HRS.
Foreign Language Elective	3	ETC 402 Engineering Economy	2
DET 403 Design of Machine Elements	3	Foreign Language Elective	3
ETC 410 Senior Project I	2	MET 401 Computer-Aided Design II	3
DET Elective*	3	DET Elective*	3
MET 304 Computer-Aided Design I	3	ETC 430 Senior Project II	2
		Free Elective	3
Total Semester Hours:	14	Total Semester Hours:	16
TOTAL HOURS NEEDED FOR GRADUATION:			124