

2011-2012 Program Advising Guide

Bachelor of Science in Manufacturing Engineering Technology

Freshman Year				
Fall Semester	Hours		Spring Semester	Hours
ENGL 111 ^a	3		ENGL 112* ^a	3
MATH 107, ^b 109 or 118	3		MATH 109* or above	3
P ED or HLTH 101	2		MET 216 (Manufacturing)	3
I T 105 (Drafting)	3		I T 235* (Solid Modeling)	3
I T 117 (Metals)	3		CHEM 105	4
Total	14		Total	16

Sophomore Year				
Fall Semester	Hours		Spring Semester	Hours
ENGL Soph. Lit	3		HIST2023*	3
HIST 2013*	3		CS 110 or CIS 110	3
I T 303 (Materials)	3		I T 324 or 325 (Plastics)	3
MATH 120	4		MATH 209*	4
COMS 1013, 1023 or 3013	3			
Total	16		Total	13

Junior Year				
Fall Semester	Hours		Spring Semester	Hours
MATH 300	3		MET 326 (Ergonomics)	3
I T 350 (Numerical Cont)	3		MET 386 (Quality)	3
MET 336 (PLC Controls)	3		V & PA	3
POLS 201	3		POLS 202	3
PHYS 122*	4		ELECTIVE	3
Total	16		Total	15

Senior Year				
Fall Semester	Hours		Spring Semester	Hours
I T 318 (Research)	3		I T 495* (Capstone Proj)	3
MET 426 (Simulation)	3		MET 436 (Planning)	3
MET 446 (Management)	3		MET 476 (Automated Sys)	3
ENGR 303 (S&B REQ)	3		ELECTIVE	3
ELECTIVE	3		ELECTIVE	3
Total	15		Total	15

*Denotes courses with prerequisites

Notes:

- a. **English:** Students will be placed into English courses in accordance with the University's Placement and Continuing Enrollment Rules. Students must enroll in English during their first semester at Tarleton and every regular semester thereafter until the freshman English core curriculum requirement [i.e., ENGL 111 & 112] has been satisfied.
- b. **Mathematics:** Students will be placed into mathematics courses in accordance with the University's Placement and Continuing Enrollment Rules. Students must enroll in mathematics during their first semester at Tarleton unless they are eligible for placement into college-level mathematics [MATH 107 or higher]. Students eligible for placement into college-level mathematics may choose to postpone initial mathematics enrollment until their second regular semester at Tarleton. Following initial mathematics enrollment, students must enroll in mathematics every regular semester thereafter until the freshman mathematics core curriculum requirement [MATH 107 or higher] has been satisfied.