

# 2011-2012 Program Advising Guide

## Bachelor of Science in Industrial Technology

### General Emphasis Area

Freshman Year				
Fall Semester	Hours		Spring Semester	Hours
ENGL 111 <sup>a</sup>	3		ENGL 112* <sup>a</sup>	3
MATH 107, <sup>b</sup> 109 or 118	3		MATH 109* or above	3
P ED or HLTH 101	2		I T 106 (Power Transfer)	3
I T 105 (Drafting)	3		I T 235* (Solid Modeling)	3
I T 117 (Metals)	3		Visual/Performing Arts	3
<b>Total</b>	<b>14</b>		<b>Total</b>	<b>15</b>

Sophomore Year				
Fall Semester	Hours		Spring Semester	Hours
ENGL Soph. Lit	3		HIST202*	3
HIST 201*	3		I T 317* (Thermoplastic)	3
I T 345* (Design)	3		S&B ENGR 303	3
I T 320 (Safety)	3		MET 216 (Manufacturing)	3
Lab Sciences	3-4		Lab Sciences	4
<b>Total</b>	<b>15-16</b>		<b>Total</b>	<b>16</b>

Junior Year				
Fall Semester	Hours		Spring Semester	Hours
POLS 201	3		POLS 202	3
I T 303 (Materials)	3		COMS 101, 102, or 301	3
I T 318 (Research)	3		I T 317* (Machine Tool)	3
I T 350 (Numerical Cont)	3		Elective or Minor	3
MET 336 (PLC Controls)	3		Elective or Minor	3
<b>Total</b>	<b>15</b>		<b>Total</b>	<b>15</b>

Senior Year				
Fall Semester	Hours		Spring Semester	Hours
Adv I T or MET Elective	3		I T 495* (Capstone Proj)	3
Adv I T or MET Elective	3		Adv I T or MET Elective	3
Adv Elective or Minor	3		Adv Elective or Minor	3
Adv Elective or Minor	3		Adv Elective or Minor	3
General Elective	3		General Elective	3
<b>Total</b>	<b>15</b>		<b>Total</b>	<b>15</b>

\*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.