

### 2024-2025 Texas Common Course Numbering System Advising Guide

YEAR	FIRST SEMESTER					
	TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered
F	ENGL 1301 - Composition I	090	ENGL 1301	3	None	F, SP, SU
	TSU Core - Social & Behavioral Sciences <sup>1</sup>	080	See Options	3	See Options	See Options
	MATH 1342 - Elementary Statistics	020	MATH 1342	3	None	F, SP, SU
	GOVT 2305 - Federal Government	070	GOVT 2305	3	None	F, SP, SU
	<b>Total Hours</b>			<b>12</b>		
	SECOND SEMESTER					
	TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered
I	ENGL 1302 - Composition II	010	ENGL 1302	3	ENGL 1301	F, SP, SU
	TSU Core - Life and Physical Science <sup>1</sup>	030	See Options	3	See Options	Varies
	HIST 1301 - United States History I	060	HIST 1301	3	None	F, SP, SU
	MATH 1314, or MATH 1316, or MATH 1324, or MATH 2412, or MATH 2413	-	See Options	3	See Options	Varies
	<b>Total Hours</b>			<b>12</b>		

YEAR	FIRST SEMESTER					
	TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered
S	TSU Core - Life and Physical Science <sup>1</sup>	030	See Options	3	See Options	Varies
	TSU Core: Creative Arts <sup>1</sup>	050	See Options	3	See Options	See Options
	GOVT 2306 - Texas Government	070	GOVT 2306	3	None	F, SP, SU
	TSU Core - Core Component Option General Education Elective <sup>1</sup>	090	See Options	3	See Options	Varies
	<b>Total Hours</b>			<b>12</b>		
	SECOND SEMESTER					
	TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered
E	TSU Core: Language, Philosophy, & Culture <sup>1</sup>	040	See Options	3	See Options	See Options
	HIST 1302 - United States History II	060	HIST 1302	3	None	F, SP, SU
	TSU Core: Communications <sup>1</sup>	010	See Options	3	See Options	Varies
	Elective <sup>2</sup>	-	-	3	See Options	Varies
	<b>Total Hours</b>			<b>12</b>		
<b>**Students have the opportunity to earn an associate degree after successful completion of the courses above**</b>						

WI: Writing Intensive Courses

Semester Offered: F = Fall, SP = Spring, SU = Summer

# Mayfield College of Engineering

## B.A.A.S. in Manufacturing and Industrial Management - Quality Management

YEAR	FIRST SEMESTER					
T H I R D	TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered
	ENGT 3318 - Research and Reporting [WI]	-	-	3	None	F, SP, SU
	ENGT 3375 - Continuous Improvement	-	-	3	None	F, SP
	Advanced ENGT/CNST elective <sup>2</sup>	-	-	3	See Options	Varies
	Advanced Electives <sup>2</sup>	-	-	3	See Options	Varies
	<b>Total Hours</b>			<b>12</b>		
SECOND SEMESTER						
TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered	
ENGT 3386 - Quality Management	-	-	3	None	F, SP, SU	
ENGT 4360 - Hazardous Waste Management	-	-	3	Prereq: Junior Standing	SP	
ENGT 4375 - Facility Planning	-	-	3	Prereq: ENGT 3375	F, SP	
ENGT 4347 - Metrics and Measurements	-	-	3	Prereq: ENGT 3375	F, SP	
<b>Total Hours</b>			<b>12</b>			

YEAR	FIRST SEMESTER					
F O U R T H	TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered
	ENGT 3395 [WI] - Fundamentals of Industrial Project Management	-	-	3	None	F, SP, SU
	Advanced Electives <sup>2</sup>	-	-	3	See Options	Varies
	Advanced ENGT/CNST elective <sup>2</sup>	-	-	3	See Options	Varies
	Advanced ENGT/CNST elective <sup>2</sup>	-	-	3	See Options	Varies
	<b>Total Hours</b>			<b>12</b>		
SECOND SEMESTER						
TSU Requirement	Core Category	MCC Option	Credit Hours	Pre-Req or Co-Req	Semester offered	
Prior Learning Credit (12-36) <sup>3</sup>	-	-	36	-	-	
Electives (0-24) <sup>4</sup>	-	-	-	-	-	
<b>Total Hours</b>			<b>36</b>			

Total Hours: 120

### Footnotes:

1 - See Tarleton Website for options for this core category: <https://www.tarleton.edu/generaleducation/core-categories/>

2 - Consult the Tarleton Catalog and current course schedule for Elective and Advanced Elective options. You may also contact your academic advisor for additional questions.

3 - Prior Learning Credit: Students must have at least 12 credit hours of occupational specialization to qualify, but no more than 36 credit hours will be accepted. If less than 36 hours are approved, then additional coursework may be required to meet the 120 hours degree requirement. ☒

4 - Electives: 0-24 hours depending on the number of Prior Learning Credits applied. The total credits combined for coursework, training and/or electives must total 36 SCH. Students must qualify with a minimum of 12 SCH equivalents of technical/vocational and/or training to pursue this degree program.