

# Engineering Technology (BSET) - Manufacturing Engineering Technology Four-Year Plan

## Manufacturing Engineering Technology - BSET 2022-23 Four-Year Plan\*

Students completing this program will receive a minor in engineering management.

Critical MET course sequences within the Mechanical Engineering Technology curricula require a minimum grade of C before progressing to subsequent courses. A grade of C- does not satisfy the requirement for a C grade.

The following courses require a minimum grade of C: ENGL 110C, ENGL 211C, MATH 162M, MATH 163, MATH 211, PHYS 111N, MET 220, MET 300, and ENGT 435W

### Freshman

First Term	Hours	Second Term	Hours
MET 120		3 MET 230	3
ENGN 110		2 ENGT 111	2
MATH 162M		3 MATH 163	3
CHEM 121N**		3 PHYS 111N	4
CHEM 122N**		1 ENGL 110C	3
Human Behavior Way of Knowing		3	
		<b>15</b>	<b>15</b>

### Sophomore

First Term	Hours	Second Term	Hours
MET 200		3 MET 220	3
MET 210		3 MET 225	1
MATH 211		4 STEM 221 or 231	3
PHYS 112N		4 COMM 101R	3
ENGL 211C		3 Human Creativity Way of Knowing	3
		Literature Way of Knowing	3
		<b>17</b>	<b>16</b>

### Junior

First Term	Hours	Second Term	Hours
MET 300		3 MET 330	3
MET 310		3 MET 335	1
MET 320		3 MET 350	3
ENGT 305		3 MET 370***	3
EET 350		3 MET 386***	1
EET 355		1 ENMA 480****	3

Approved  
Manufacturing  
Elective\*\*\*\*\* 3

16 17

### Senior

First Term	Hours	Second Term	Hours
MET 387		2 ENGT 435W	3
ENGT 434		1 Approved Manufacturing Elective*****	3
ENGN 401		1 Approved Manufacturing Elective*****	3
Approved Manufacturing Elective*****		3 ENMA 401	3
Approved Manufacturing Elective*****		3 ENMA 421	3
Interpreting the Past Way of Knowing		3	
ENMA 302		3	
		<b>16</b>	<b>15</b>

**Total credit hours: 127**

- \* Does not include the University's General Education language and culture requirement. Additional hours may be required.
- \*\* Must be taken together.
- \*\*\* Must be taken together.
- \*\*\*\* Meets philosophy and ethics general education requirement.
- \*\*\*\*\* Approved Manufacturing Electives: MET 400, MET 405, MET 406, MET 410, MET 415, MET 420, MET 445, MET 455, MET 465, MET 485, EET 360, EET 405

General Education requirements in information literacy and research, impact of technology, and philosophy and ethics are met through the major.

*The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.*