



## Industrial Systems Engineering Technology (ISET) Course of Study 2019-2020

### First Semester I (Fall)

Course ID	Course Name	T/B/G	Credits	Ck off
BIOL 1070	Environmental Science	G	3	
BMCA 1050	Introduction to Microcomputer Concepts and Applications	B	2	
ENGL 1500	Composition I	G	3	
ENVS 2850	OSHA 30 Hour General Industry Safety & Health	B	2	
FYEX 1010	First Year Success Strategies	B	1	
MECH 1000	Engineering Graphics	B	3	
<b>Total:</b>			<b>14</b>	

### Second Semester I (Spring)

Course ID	Course Name	T/B/G	Credits	Ck off
CAMT 1000	Measurement and Layout	T	4	
ISET 1100	Industrial Electricity	T	3	
MATH 1040	Industrial Technical Mathematics with Trigonometry	G	4	
WELD 1700	Maintenance Welding	T	4	
<b>Total:</b>			<b>15</b>	

### Summer Session I

Course ID	Course Name	T/B/G	Credits	Ck off
<b>Total:</b>				

**Curriculum Summary:** General (G)/ Basic (B) = 30 Hours

Technical (T) = 31 Hours

**Total Curriculum Hours=** 61

### Third Semester II (Fall)

Course ID	Course Name	T/B/G	Credits	Ck off
CAMT 2000	CNC Machining	T	4	
ENGL 2800	Professional Writing	G	3	
ISET 2400	Motor Controls	T	3	
MECH 2500	Hydraulics and Pneumatics	T	3	
	*Arts & Humanities Elective	G	3	
<b>Total:</b>			<b>16</b>	

### Fourth Semester II (Spring)

Course ID	Course Name	T/B/G	Credits	Ck off
COMM 1220	Interpersonal Communication	G	3	
ISET 2500	Programmable Controllers	T	3	
ISET 2650	Mechanical Systems	T	4	
ISET 2800	Capstone	T	3	
	*Social & Behavioral Science Elective	G	3	
<b>Total:</b>			<b>16</b>	

### Summer Session II

Course ID	Course Name	T/B/G	Credits	Ck off
<b>Total:</b>				

**NOTE:** Students must complete the computer literacy requirement in order to graduate which may be met through competency testing or completion of a program specific computer course. Refer to the degree audit and consult with the program advisor for the appropriate course(s) that meet the computer literacy requirement.

**\*ADDITIONAL INFORMATION ON REVERSE**

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<b>Arts &amp; Humanities Electives</b>		
ENGL 2600	American Literature: Civil War to Present	3
PHIL 1010	Introduction to Philosophy	3
PHIL 1020	Introduction to Ethics	3
PHIL 1030	Critical Thinking	3

<b>Social &amp; Behavioral Science Electives</b>		
BUSM 1510	Microeconomics	3
GEOG 1710	World Regional Geography	3
POLS 1010	American National Government	3
PSYC 1010	Introduction to Psychology	3
SOCI 1010	Introduction to Sociology	3