

PROGRAM PLANNING FORM 2017-2018

PROGRAM NAME: Industrial Systems Technology AAS
Credits Required for Graduation: Degree 60 Credits

Student: _____
Date: _____
Revised: _ 1/28/2015

FIRST YEAR

COURSE #	COURSE TITLE	CREDITS #(Lec/Lab)	SEMESTER	GRADE
<u>FALL SEMESTER</u>				
IST 1050	Introduction to Industrial Systems Technology	3 cr 3/0	_____	_____
IST 1150	Welding Technologies	3 cr 0/3	_____	_____
IST 1250	Mobile and Process Equipment Operations I	3 cr 1/2	_____	_____
IST 1350	Industrial Technology Math Lab I	3 cr 1/2	_____	_____
CAPP1600	Emerging Information Technologies	2 cr 1/1	_____	_____

14 credits

SPRING SEMESTER

IST 1450	Industrial Technology Math Lab II	3 cr 1/2	_____	_____
IST 1550	Mechanical Systems I	3 cr 2/1	_____	_____
IST 1950	Integrated Projects I	1 cr 0/1	_____	_____
SPCH 1040	Introduction to Communication	3 cr 3/0	_____	_____
ENSC 1050	Environmental Science	3 cr 2/1	_____	_____
	General Education Elective	3 cr	_____	_____

16 credits

SECOND YEAR

COURSE #	COURSE TITLE	CREDITS #(Lec/Lab)	SEMESTER	GRADE
<u>FALL SEMESTER</u>				
IST 2050	Industrial Fluid Power I	3 cr 1/2	_____	_____
IST 2250	Mobile and Process Equipment Operations II	3 cr 1/2	_____	_____
IST 2350	Industrial Electrical Systems	3 cr 3/0	_____	_____
IST 2550	Mechanical Systems II	3 cr 2/1	_____	_____
IST 2750	Integrated Projects II	1 cr 0/1	_____	_____
PHYS 1005	Physics Concepts	4 cr 3/1	_____	_____

17 credits

SPRING SEMESTER

IST 2150	Industrial Machine Tool Technology	2 cr 0/2	_____	_____
IST 2450	Industrial Fluid Power II	3 cr 1/2	_____	_____
IST 2650	Mechanical Systems III	3 cr 2/1	_____	_____
IST 2950	Integrated Projects III (Capstone)	2 cr 0/2	_____	_____
ENGL 1070	Technical Report Writing *	3 cr 3/0	_____	_____

13 credits

*ENGL1060 Freshman Composition meets ENGL1070 Technical Report Writing requirement.

Articulation Agreement with Minnesota State University, Moorhead.