

**INDUSTRIAL SYSTEMS TECHNOLOGY**  
**Associate in Applied Science Degree**  
**Location: Boaz Campus**

Area I .....	Written Composition .....	3	
ENG 101 .....	Written Composition I .....	3	_____
Area II.....	Humanities and Fine Arts .....	3	
Elective .....	ART, MUS, PHL, REL, THR.....	3	_____
Area III.....	Natural Science and Mathematics .....	6-8	
MTH 116 or higher level.....	MTH 100, MTH 110, MTH 112, MTH 113, MTH 116, or MTH 125.....	3-4	_____
Elective .....	AST, BIO, CHM, GEO 101, MTH 100 (if not already taken), MTH 131, PHS, or PSY.....	3-4	_____
Area IV.....	History, Social, and Behavioral Sciences.....	3	
Elective .....	ANT, GEO 100, ECO, HIS, POL, PSY, SOC.....	3	_____
Area V.....	Pre-Professional, Major, and Elective Courses.....	48-51	
CIS 146.....	Computer Applications .....	3	_____
EET 207.....	Introduction to Robotics .....	3	_____
ELT 118.....	Commercial/Industrial Wiring I .....	3	_____
INT 100.....	Mathematics for Industrial Technicians .....	3	_____
INT 113.....	Industrial Motor Control I .....	3	_____
INT 114.....	Basic Electricity.....	3	_____
INT 117.....	Principles of Industrial Mechanics.....	3	_____
INT 118.....	Fundamentals of Industrial Hydraulics and Pneumatics .....	3	_____
INT 127.....	Principles of Pumps and Piping .....	3	_____
INT 134.....	Principles of Industrial Maintenance, Welding and Metal Cutting Techniques .....	3	_____
INT 184.....	Introduction to PLCs .....	3	_____
INT 211.....	Industrial Motors II .....	3	_____
INT 218.....	Special Lab in Hydraulics & Pneumatics .....	2	_____
INT 261.....	MSSC Safety Course .....	3	_____
INT 262.....	MSSC Quality Practices and Measurement Course .....	3	_____
INT 284.....	Advanced Programmable Logic Controllers .....	3	_____

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**Continued**

INT 292..... Cooperative Education may be taken as an elective for the degree .....	3	_____
WKO 101..... Workplace Skills.....	1	_____

TOTAL HOURS REQUIRED FOR DEGREE..... 63-68