

Industrial Technology

Associate in Applied Science

Program Contact:
 Allyson Starrett
 (269) 687-5646
 astarrett01@swmich.edu

Ferenc Sefcsik
 (269) 687-5673
 fsfcsik@swmich.edu

NOTE: Because of the number of electives in this program, students may tailor this degree to best serve their professional interests. The Industrial technology Associate in Applied Science program accepts the following certificate programs as the first 30-34 credits in any of the following Technology Programs: Construction Trades Green Technology, Robotics, Welding Technology. This program compliments these certificate programs by adding general education coursework required by many four-year colleges and universities and provides additional training in specialized areas.

Certificate Program	
<input type="checkbox"/> SMC Technology Certificate	Construction Trades Green Technology, Robotics, Welding Technology
Communications	
Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> ENGL 103 or ENGL103W	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> ENGL 104	ENGL 103 or ENGL 103W
<input type="checkbox"/> SPEE 102 or SPEE 104	SPEE 102: None; CRIT 103 or CRIT 103W or test scores, highly recommended SPEE 104: CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
Mathematics	
Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> MATH 101 or MATH 102	MATH 098 or test scores
Core Classes	
Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> ISYS 110	None
<input type="checkbox"/> INTE 227	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> INTE 255	Completion of 30 technology credits and permission of the program advisor
Program Electives (6 Credits)	
Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> CADD Courses	See Course Descriptions for required prerequisites
<input type="checkbox"/> CONS Courses	See Course Descriptions for required prerequisites
<input type="checkbox"/> ELEC Courses	See Course Descriptions for required prerequisites
<input type="checkbox"/> INTE Courses	See Course Descriptions for required prerequisites
<input type="checkbox"/> WELD Courses	See Course Descriptions for required prerequisites
<input type="checkbox"/> PHED 103	None
<i>*Other courses may be taken with the approval of the Dean of School of Business and Advanced Technology</i>	

SMC Technology Certificate – Completed First and Second Semester = 30-34 Credits

Third Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ISYS 110	Introduction to Computer Technology	3
ENGL 103 or ENGL 103W	Freshman English II or Freshman English II w/ Workshop	3-4
SPEE 102 or SPEE 104	Fundamentals of Public Speaking or Introduction to Human Communication	3
	Program Elective	3-4
	Total Credits	12-14

Fourth Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ENGL 104	Freshman English III	3
INTE 227	Industrial Robotics	2
INTE 255	Internship	3
MATH 101 or MATH 102	Introductory Algebra or Mathematical Literacy	4
	Program Elective	2-4
	Total Credits	14-16

Total Program Credits = 60-64
Courses taken out of sequence may delay a student's ability to complete the program in a timely manner.