

# NORTH CENTRAL STATE COLLEGE

## Industrial Technology

### Manufacturing Technology Operations Management

2018-2019

Preparatory Courses		
Complete	Course Number	Course Title
	<b>FYEX 0070*</b>	College and Career Success
	<b>ENGL 0040*</b>	Integrated Reading and Writing
	<b>MATH 0072; 0073; 0074; 0086, STAT 0086*</b>	Developmental Math courses

FALL and SPRING				YEAR ONE	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
			Electrical Maintenance Certificate OR		31
			Manufacturing Tool and Die Certificate OR		31
			Industrial Design Certificate OR		32
			CNC Operations and Programming Certificate OR		30
			Advanced Manufacturing Certificate		32
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>30-32</b>

FALL				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		<b>BUSM 1010 ^</b>	Introduction to Business & Entrepreneurship	READ 0080 *	3
		<b>ENGL 1010 ^</b>	English Composition I	WRIT 0090 and READ 0080 *	3
		ECON 1010	Introduction to Economics		3
		ENGR1010	Introduction to Engineering		2
		BUSM 1270	Quality		3
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>17</b>

SPRING				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		PHYS 1010	Introduction to Physics	MATH0074 *	3
		<b>ACCT 1010 ^</b>	Financial Accounting		4
		ENGL 2150	Technical Writing	ENGL 1010 (minimum grade of C-)	3
		CISS 1220	Microsoft Excel	CISS 1020 or pass Computer Literacy & Keyboarding Assessment	2
		BUSM 1050	Management	BUSM 1010 or BUSM 1015 or 22 credit hours	3
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>15</b>
<b>TOTAL SEMESTER HOURS</b>					<b>62-64</b>

c = Can be concurrent    m = Must be concurrent

\* All incoming students will be required to provide ACT scores or take a placement test. Based on their scores, students will be placed in appropriate English and mathematics courses. Successful completion of developmental English, and mathematics prerequisites require a grade of C- or above in the course. Developmental English and mathematics course prerequisites can also be attained through placement testing. See the [Standardized Testing Cutoff Scores](#) for specific tests and test scores.

The College strongly recommends that students be covered by hospitalization insurance, which can be purchased through a private carrier. To obtain a brochure regarding insurance, contact the Student Success Center. (Rm 103 Kee Hall) or call toll free 888-755-4899, ext. 4761 or locally 419-755-4761.