

# NORTH CENTRAL STATE COLLEGE

## Associate of Science: Mathematics Focus 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				YEAR ONE	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		<b>MATH 1150 ^</b>	Calculus I	MATH 1130 with a C- or better **	5
		<b>ENGL 1010 ^</b>	English Composition I	ENGL 0040 *	3
		MUSC 1010 or HUMA 1010 or THEA 1010	Music Appreciation OR Introduction to Humanities OR Introduction to Theatre	ENGL 0040*	3
		BIOL 1230 or GEOL 1010	Biology I with Lab or Physical Geology	ENGL 0040 & MATH 0074 * None	4
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>15</b>

SPRING				YEAR ONE	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		<b>ENGL 1030 ^</b>	English Composition II	ENGL 1010	3
		COMM 1010	Speech		3
		MATH 1151	Calculus II	MATH 1150 with a C- or better	5
		PHIL1110 or PHIL1010	Ethics or Western Philosophy		3
		BIOL 1231 GEOL 1030	Biology II with Lab OR Historical Geology	BIOL 1230;	4
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>18</b>

FALL				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		CHEM 1210	Chemistry I with Lab	High school chemistry and MATH 1110 or equivalent	5
		<b>PSYC 1010 ^</b> or <b>SOCY 1010 ^</b>	Introduction to Psychology OR Introduction to Sociology		3
		PHYS 1110	General Physics I with Lab	MATH 1051 ( c ) or MATH 1130 ( c )	4
		MATH 2010	Calculus III	MATH 1151 with a C- or better	4
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>16</b>

SPRING				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		CHEM 1220	Chemistry II with Lab	CHEM 1210	5
		MATH 2000	Discrete Mathematics	MATH 1110 with a C- or better *	3
		PHYS 1130	General Physics II with Lab	PHYS 1110	4
		SOCY2010	Cultural Diversity & Racism		3
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>15</b>
<b>TOTAL SEMESTER HOURS</b>					<b>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.