

Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined below. Developmental education courses may extend the timeline to degree completion. Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

**Developmental Education Courses (if required)**

<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop
<input type="checkbox"/>	MATH020	Pre-Algebra

complete	Course #	Course Title	Credits	Prerequisites / Corequisites	
Semester 1	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH placement
	<input type="checkbox"/>	EMEC114	Mechanical Skills for the Trades	2	
	<input type="checkbox"/>	CADM117	Technical Drawings and Specification	3	
	<input type="checkbox"/>	PMTD105	Precision Machining I	4	
			Total Semester Credits:	16	
Semester 2	<input type="checkbox"/>	OSAH102	General Industry Outreach Safety Education	1	
	<input type="checkbox"/>	CADM125	Manufacturing Processes	3	
	<input type="checkbox"/>	PMTD115	Precision Measurement / GD&T	3	PRE: CADM117
	<input type="checkbox"/>	PMTD110	Precision Machining II	3	PRE: PMTD105
	<input type="checkbox"/>	CADM100	Engineering Graphics Essentials	3	
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL placement policy
		Total Semester Credits:	16		
Semester 3	<input type="checkbox"/>	CADM115	Computer Aided Design I	3	PRE: CADM100
	<input type="checkbox"/>	PMTD215	CNC Programming and Operations I	4	PRE: PMTD110
	<input type="checkbox"/>	PMTD205	Precision Machining III	3	PRE: PMTD110
	<input type="checkbox"/>		Elective	3	
	<input type="checkbox"/>	ENGL151T	English II (Technical Writing)	3	
		Total Semester Credits:	16		
		Total Degree Credits	48		

**Program Notes:**

3<sup>rd</sup> semester Recommended Elective Options:  
 -CADM205 Computer Aided Design II  
 -EMEC110 Mechanical Components  
 -WELD105 Intro to Welding Processes

**\*It is the student's responsibility to be knowledgeable of NCC graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.**