

Developmental Education Courses (if required)

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

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.

	complete	Course #	Course Title	Credits	Pre-requisites / Co-requisites / Notes
Semester 1	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	WELD105	Introduction to Welding Processes	5	
	<input type="checkbox"/>	WELD135	Welding Fabrication & Symbols	2	PRE or CO: WELD105
	<input type="checkbox"/>	EMEC114	Mechanical Skills for the Trades	2	
	<input type="checkbox"/>	CADM117	Technical Drawings & Specifications	3	
	<input type="checkbox"/>	CISC101	Introduction to Information Technology	3	
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	
			Total Semester Credits:	19	
Semester 2	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL Placement Policy
	<input type="checkbox"/>	WELD110	Introduction to Pipe Welding Processes	3	PRE or CO: WELD123
	<input type="checkbox"/>	WELD123	Advanced Plate Welding Processes	5	PRE: WELD105
	<input type="checkbox"/>	WELD125	GTAW & Semiautomatic Welding Processes	5	PRE: WELD105
	<input type="checkbox"/>	OSAH101 or OSAH 102*	General Industry Outreach Safety Education or Construction Industry Outreach Safety Education*	1	OSAH102 is recommended
			Total Semester Credits:	17	
Semester 3	<input type="checkbox"/>	WELD205	Adv Gas Tungsten & Semiautomatic Welding Processes	4	PRE: WELD110 and WELD125
	<input type="checkbox"/>	WELD224	Pipe Welding Processes II	3	PRE: WELD110
	<input type="checkbox"/>	WELD230	Welding & Structural Blueprint Reading	4	PRE: WELD123
	<input type="checkbox"/>	ENGL151T	English II (Technical Writing)	3	PRE: ENGL101
	<input type="checkbox"/>	PHYS152	Physical Science II	3	
			Total Semester Credits:	17	
Semester 4	<input type="checkbox"/>	WELD255	Introduction to Metallurgy (WI)	3	PRE: ENGL151, MATH103, PHYS152, WELD205
	<input type="checkbox"/>	CMTH102	Introduction to Communication	3	
	<input type="checkbox"/>		AH, SIT, or SSHB Elective+	3	Depends on course selected
	<input type="checkbox"/>		AH, SIT, or SSHB Elective+	3	Depends on course selected
	<input type="checkbox"/>		Elective**	3	**WELD235: Welding Inspection is recommended
			Total Semester Credits:	15	
			Total Degree Credits	68	

Program Notes:

Completion of one General Education Elective in a Writing Intensive (WI) section satisfies the Writing Intensive (WI) requirement. **GEOG121G (Environmental Sustainability) is recommended.**

Writing Intensive course codes end in G. Examples: PSYC103G (PSYC103 is not writing intensive). Please pay attention to the option you select. For example, if you are looking for an SSHB writing intensive course, look for one that ends in G via the SSHB course tag.

How to search for general education electives:

In Workday, use the corresponding **Course Tag** filter to see the available options.

Arts and Humanities = AH
Scientific Study of Human Behavior = SSHB
Societies and Institutions Over Time = SIT

**WELD235 Welding Inspection is the recommended elective.

General Education Requirements

<input type="checkbox"/>		Diversity
<input type="checkbox"/>		Writing Intensive

*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.