

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

**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 / 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/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                                    | PRE: MATH020 w/C or MATH Placement                |
|            |                          | 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/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, 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  | 3                                    | PRE: ENGL151, MATH103, PHYS152, WELD205           |
|            | <input type="checkbox"/> | COMM101                 | Introduction to Communication   | 3                                    |   |
|            | <input type="checkbox"/> |                         | AH, SIT, or SSHB Elective   | 3                                    |   |
|            | <input type="checkbox"/> |                         | AH, SIT, or SSHB Elective   | 3                                    |   |
|            | <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.**