

# 2026-2027 Catalog

## Associate in Science Transfer (AS-T2/MRP) in Civil and Mechanical Engineering TRANSFER 2026-2027 Degree Requirements

### Communication

| Course Number                                  | Course Title              | Credits | Qtr. Completed | Comments / Substitution |
|------------------------------------------------|---------------------------|---------|----------------|-------------------------|
| English - select 5 credits from the following: |                           |         |                |                         |
| ENGL& 101                                      | English Composition I [C] | 5       |                |                         |
| ENGL& 102                                      | Composition II [C]        | 5       |                |                         |
| ENGL& 235                                      | Technical Writing [C]     | 5       |                |                         |
| Subtotal                                       |                           | 5       |                |                         |

### Mathematics/Statistics

| Course Number | Course Title                        | Credits | Qtr. Completed | Comments / Substitution |
|---------------|-------------------------------------|---------|----------------|-------------------------|
| MATH& 151     | Calculus I [M/S] [Q/SR]             | 5       |                |                         |
| MATH& 152     | Calculus II [M/S] [Q/SR]            | 5       |                |                         |
| MATH& 153     | Calculus III [M/S] [Q/SR]           | 5       |                |                         |
| MATH 255      | Differential Equations [M/S] [Q/SR] | 5       |                |                         |
| MATH 243      | Linear Algebra [M/S] [Q/SR]         | 5       |                |                         |
| Subtotal      |                                     | 25      |                |                         |

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## Humanities and Social & Behavioral Sciences

Select three courses from the list below. Complete at least one course from each of the two groups. Courses must be selected from three different subject areas with a total of 15 credits required. No more than 5 credits in any World Languages.

| Course Number                                                                                                                                | Course Title                                     | Credits | Qtr. Completed | Comments / Substitution |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|----------------|-------------------------|
| <b>Humanities - at least one course must be selected from this group. Courses must be selected from different subjects.</b>                  |                                                  |         |                |                         |
| ART& 100                                                                                                                                     | Art Appreciation [H]                             | 5       |                |                         |
| ART 116                                                                                                                                      | Art History Ancient World [H]                    | 5       |                |                         |
| ART 117                                                                                                                                      | Art History Medieval-Baroque [H]                 | 5       |                |                         |
| ART 118                                                                                                                                      | Art History Modern Times [H]                     | 5       |                |                         |
| DRMA& 101                                                                                                                                    | Intro to Theatre [H]                             | 5       |                |                         |
| DRMA 215                                                                                                                                     | Survey of Theatre History [H]                    | 5       |                |                         |
| ENGL& 111                                                                                                                                    | Intro to Literature [H]                          | 5       |                |                         |
| ENGL 140                                                                                                                                     | The Cinema [H]                                   | 5       |                |                         |
| ENGL 160                                                                                                                                     | Women's Literature [H]                           | 5       |                |                         |
| ENGL 180                                                                                                                                     | Multicultural Literature [H]                     | 5       |                |                         |
| ENGL 195                                                                                                                                     | Bible As Literature [H]                          | 5       |                |                         |
| ENGL 203                                                                                                                                     | Mythology [H]                                    | 5       |                |                         |
| ENGL 210                                                                                                                                     | Intro to Linguistics [H]                         | 5       |                |                         |
| ENGL& 220                                                                                                                                    | Intro to Shakespeare [H]                         | 5       |                |                         |
| ENGL& 236                                                                                                                                    | Creative Writing I [H]                           | 5       |                |                         |
| ENGL& 237                                                                                                                                    | Creative Writing II [H]                          | 5       |                |                         |
| ENGL& 244                                                                                                                                    | American Literature I [H]                        | 5       |                |                         |
| ENGL& 245                                                                                                                                    | American Literature II [H]                       | 5       |                |                         |
| ENGL& 246                                                                                                                                    | American Literature III [H]                      | 5       |                |                         |
| ENGL& 254                                                                                                                                    | World Literature I [H]                           | 5       |                |                         |
| ENGL& 255                                                                                                                                    | World Literature II [H]                          | 5       |                |                         |
| ENGL& 256                                                                                                                                    | World Literature III [H]                         | 5       |                |                         |
| ENGL 257                                                                                                                                     | English Grammar [H]                              | 5       |                |                         |
| ENGL 264                                                                                                                                     | English Literature I [H]                         | 5       |                |                         |
| ENGL 265                                                                                                                                     | English Literature II [H]                        | 5       |                |                         |
| ENGL 266                                                                                                                                     | English Literature III [H]                       | 5       |                |                         |
| ENGL 275                                                                                                                                     | The Lord of The Rings [H]                        | 5       |                |                         |
| ENGL 280                                                                                                                                     | Lesbian, Gay, Bisexual, Trans, Queer Studies [H] | 5       |                |                         |
| HIST& 126                                                                                                                                    | World Civilizations I [H]                        | 5       |                |                         |
| HIST& 127                                                                                                                                    | World Civilizations II [H]                       | 5       |                |                         |
| HIST& 128                                                                                                                                    | World Civilizations III [H]                      | 5       |                |                         |
| HIST& 215                                                                                                                                    | Women in U.S. History [H]                        | 5       |                |                         |
| <b>HIST&amp; 215 is cross-listed with WS 215. A student may not use equivalent cross-listed courses for the same graduation requirement.</b> |                                                  |         |                |                         |
| ICS 120                                                                                                                                      | Survey of Hispanic Culture [H]                   | 5       |                |                         |
| ICS 125                                                                                                                                      | Native American Culture [H]                      | 5       |                |                         |
| ICS 130                                                                                                                                      | Survey of Asian American Culture [H]             | 5       |                |                         |
| ICS 135                                                                                                                                      | Survey of African American Cultures [H]          | 5       |                |                         |
| ICS 200                                                                                                                                      | Intercultural Leadership [H]                     | 5       |                |                         |
| ICS 222                                                                                                                                      | Columbia Basin Cultures [H]                      | 5       |                |                         |
| MUSC& 105                                                                                                                                    | Music Appreciation [H]                           | 5       |                |                         |
| MUSC 116                                                                                                                                     | History of Jazz [H]                              | 5       |                |                         |
| PHIL& 101                                                                                                                                    | Intro to Philosophy [H]                          | 5       |                |                         |
| PHIL 106                                                                                                                                     | Introduction to Logic [H]                        | 5       |                |                         |

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| Course Number                                                                                                                                                                                      | Course Title                                                            | Credits | Qtr. Completed | Comments / Substitution |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------|----------------|-------------------------|
| PHIL 131                                                                                                                                                                                           | World Religions [H]                                                     | 5       |                |                         |
| PHIL 150                                                                                                                                                                                           | Introduction to Ethics [H]                                              | 5       |                |                         |
| WS 155                                                                                                                                                                                             | Women's Cultural Heritage [H]                                           | 5       |                |                         |
| WS 215                                                                                                                                                                                             | Women in U.S. History [H]                                               | 5       |                |                         |
| <b>WS 215 is cross-listed with HIST&amp; 215. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>                                                       |                                                                         |         |                |                         |
| World Languages numbered 121 and above (excluding conversational classes). All World Languages courses count as a single subject.                                                                  |                                                                         | 5       |                |                         |
| <b>Social &amp; Behavioral Sciences - at least one course must be selected from this group. Courses must be selected from different subjects. ECON&amp; 201 and ECON&amp; 202 are recommended.</b> |                                                                         |         |                |                         |
| ANTH& 100                                                                                                                                                                                          | Survey of Anthropology [S/B]                                            | 5       |                |                         |
| ANTH& 204                                                                                                                                                                                          | Archaeology [S/B]                                                       | 5       |                |                         |
| ANTH& 206                                                                                                                                                                                          | Cultural Anthropology [S/B]                                             | 5       |                |                         |
| ANTH& 234                                                                                                                                                                                          | Religion & Culture [S/B]                                                | 5       |                |                         |
| BUS& 101                                                                                                                                                                                           | Introduction to Business [S/B]                                          | 5       |                |                         |
| CJ& 101                                                                                                                                                                                            | Introduction to Criminal Justice [S/B]                                  | 5       |                |                         |
| CMST& 102                                                                                                                                                                                          | Intro to Mass Media [S/B]                                               | 5       |                |                         |
| ECON 110                                                                                                                                                                                           | Economic Trends, Issues and Policy [S/B]                                | 5       |                |                         |
| ECON& 201                                                                                                                                                                                          | Micro Economics [S/B]                                                   | 5       |                |                         |
| ECON& 202                                                                                                                                                                                          | Macro Economics [S/B]                                                   | 5       |                |                         |
| ECON 291                                                                                                                                                                                           | History of American Economic Development [S/B]                          | 1-5     |                |                         |
| GEOG& 200                                                                                                                                                                                          | Human Geography [S/B]                                                   | 5       |                |                         |
| HIST 107                                                                                                                                                                                           | Chicano History [S/B]                                                   | 5       |                |                         |
| HIST 108                                                                                                                                                                                           | History of Immigration In The U.S. [S/B]                                | 5       |                |                         |
| HIST 110                                                                                                                                                                                           | History of Modern East Asia [S/B]                                       | 5       |                |                         |
| HIST 111                                                                                                                                                                                           | Colonial Latin America [S/B]                                            | 5       |                |                         |
| HIST 112                                                                                                                                                                                           | Modern Latin America [S/B]                                              | 5       |                |                         |
| HIST 113                                                                                                                                                                                           | Mexico Since Independence [S/B]                                         | 5       |                |                         |
| HIST 115                                                                                                                                                                                           | Intro to Middle East History & Society [S/B]                            | 5       |                |                         |
| <b>HIST 115 is cross-listed with SOC 115. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>                                                           |                                                                         |         |                |                         |
| HIST& 146                                                                                                                                                                                          | U.S. History I [S/B]                                                    | 5       |                |                         |
| HIST& 147                                                                                                                                                                                          | U.S. History II [S/B]                                                   | 5       |                |                         |
| HIST& 148                                                                                                                                                                                          | U.S. History III [S/B]                                                  | 5       |                |                         |
| HIST 212                                                                                                                                                                                           | American Military History from the Colonial Period to the Present [S/B] | 5       |                |                         |
| ICS 220                                                                                                                                                                                            | Globalization [S/B]                                                     | 5       |                |                         |
| <b>ICS 220 is cross-listed with SOC 220. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>                                                            |                                                                         |         |                |                         |
| ICS 255                                                                                                                                                                                            | Race and Ethnic Relations [S/B]                                         | 5       |                |                         |
| POLS 104                                                                                                                                                                                           | State and Local Government [S/B]                                        | 5       |                |                         |
| POLS& 201                                                                                                                                                                                          | Intro Political Theory [S/B]                                            | 5       |                |                         |
| POLS& 202                                                                                                                                                                                          | United States Government [S/B]                                          | 5       |                |                         |
| POLS& 203                                                                                                                                                                                          | International Relations [S/B]                                           | 5       |                |                         |
| POLS& 204                                                                                                                                                                                          | Comparative Government [S/B]                                            | 5       |                |                         |
| POLS 205                                                                                                                                                                                           | American Political Thought [S/B]                                        | 5       |                |                         |
| POLS 280                                                                                                                                                                                           | Race and Law in the U.S.[S/B]                                           | 5       |                |                         |
| PSYC& 100                                                                                                                                                                                          | General Psychology [S/B]                                                | 5       |                |                         |

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| Course Number                                                                                                                            | Course Title                                 | Credits   | Qtr. Completed | Comments / Substitution |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------|----------------|-------------------------|
| PSYC& 200                                                                                                                                | Lifespan Psychology [S/B]                    | 5         |                |                         |
| PSYC 201                                                                                                                                 | Social Psychology [S/B]                      | 5         |                |                         |
| PSYC 209                                                                                                                                 | Fundamentals of Psychological Research [S/B] | 5         |                |                         |
| PSYC& 220                                                                                                                                | Psychological Disorders [S/B]                | 5         |                |                         |
| SOC& 101                                                                                                                                 | Intro to Sociology [S/B]                     | 5         |                |                         |
| SOC 110                                                                                                                                  | Gender, Media, & Popular Culture [S/B]       | 5         |                |                         |
| <b>SOC 110 is cross-listed with WS 110. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>   |                                              |           |                |                         |
| SOC 115                                                                                                                                  | Intro to Middle East History & Society [S/B] | 5         |                |                         |
| <b>SOC 115 is cross-listed with HIST 115. A student may not use equivalent cross-listed courses for the same graduation requirement.</b> |                                              |           |                |                         |
| SOC 150                                                                                                                                  | Marriage, Family, and Relationships [S/B]    | 5         |                |                         |
| SOC 160                                                                                                                                  | Gender Studies [S/B]                         | 5         |                |                         |
| SOC& 201                                                                                                                                 | Social Problems [S/B]                        | 5         |                |                         |
| SOC 220                                                                                                                                  | Globalization [S/B]                          | 5         |                |                         |
| <b>SOC 220 is cross-listed with ICS 220. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>  |                                              |           |                |                         |
| SOC 221                                                                                                                                  | Sociology of Deviance and Crime [S/B]        | 5         |                |                         |
| SOC 269                                                                                                                                  | Sociology of World Cinema [S/B]              | 5         |                |                         |
| SSCI 290                                                                                                                                 | Social Research Methods [S/B]                | 4         |                |                         |
| and                                                                                                                                      |                                              |           |                |                         |
| SSCI 291                                                                                                                                 | Social Research Methods Lab [S/B]            | 1         |                |                         |
| WS 110                                                                                                                                   | Gender, Media, and Popular Culture [S/B]     | 5         |                |                         |
| <b>WS 110 is cross-listed with SOC 110. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>   |                                              |           |                |                         |
| <b>Subtotal</b>                                                                                                                          |                                              | <b>15</b> |                |                         |

## Physics

| Course Number   | Course Title                         | Credits   | Qtr. Completed | Comments / Substitution |
|-----------------|--------------------------------------|-----------|----------------|-------------------------|
| PHYS& 221       | Engineering Physics I W/ Lab [M/S]   | 5         |                |                         |
| PHYS& 222       | Engineering Physics II W/ Lab [M/S]  | 5         |                |                         |
| PHYS& 223       | Engineering Physics III W/ Lab [M/S] | 5         |                |                         |
| <b>Subtotal</b> |                                      | <b>15</b> |                |                         |

## Chemistry

| Course Number   | Course Title                      | Credits      | Qtr. Completed | Comments / Substitution |
|-----------------|-----------------------------------|--------------|----------------|-------------------------|
| CHEM& 161       | General Chemistry I W/ Lab [M/S]  | 5-6          |                |                         |
| CHEM& 162       | General Chemistry II W/ Lab [M/S] | 5-6          |                |                         |
| <b>Subtotal</b> |                                   | <b>10-12</b> |                |                         |

## Major Required Credits

| Course Number   | Course Title                | Credits   | Qtr. Completed | Comments / Substitution |
|-----------------|-----------------------------|-----------|----------------|-------------------------|
| ENGR& 214       | Statics                     | 5         |                |                         |
| ENGR& 215       | Dynamics                    | 5         |                |                         |
| ENGR& 225       | Mechanics of Materials [RE] | 5         |                |                         |
| <b>Subtotal</b> |                             | <b>15</b> |                |                         |

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## Electives

Select a minimum of 4 specialization courses in consultation with an advisor as appropriate for intended specialization in the major and the intended transfer institution.

| Course Number | Course Title                        | Credits | Qtr. Completed | Comments / Substitution |
|---------------|-------------------------------------|---------|----------------|-------------------------|
| BIOL& 211     | Majors Cellular W/ Lab [M/S]        | 5       |                |                         |
| CHEM& 163     | General Chemistry III W/ Lab [M/S]  | 5-6     |                |                         |
| CS& 131       | Computer Science I C++ [M/S]        | 5       |                |                         |
| CS 162        | C++2 [RE]                           | 5       |                |                         |
| CS& 141       | Computer Science I Java [M/S]       | 5       |                |                         |
| ENGL& 235     | Technical Writing [C]               | 5       |                |                         |
| ENGR& 224     | Fundamentals of Thermodynamics [RE] | 5       |                |                         |
| ENT 111       | Introduction to Engineering [RE]    | 5       |                |                         |
| MATH& 254     | Calculus IV [M/S] [Q/SR]            | 5       |                |                         |

**Subtotal**      **20-21**  
**Total Credits Required**      **105-108**

## Graduation Requirements:

The Associate in Science Transfer (AS-T2) degree does NOT guarantee that the student has met the general education requirements at the transfer baccalaureate institution.

- Required minimum 105 credits.
- Required minimum cumulative college-level GPA of 2.0.
- Minimum GPA requirements are established by each participating baccalaureate institution. Meeting the minimum GPA does not guarantee admission. Engineering programs are competitive and may require a higher GPA than a 2.0 overall or a higher GPA in specific courses.
- At least one-third of the college-level, degree applicable credits must be taken at CBC.
- Depending on your major, some course choices may be more appropriate than others. Consult with your completion coach or advisor.
- A student may not use equivalent cross-listed courses for the same graduation requirement. Refer to the Cross-Listed Courses section of the catalog for more information, and consult with your completion coach or advisor.
- Refer to Catalog Option Policy for information about using previous degree requirements.
- For individual college requirements, see Provisions on our Transfer Opportunities webpage.
- Sequences of courses should be completed at one institution. Select courses based on the requirements or the specific discipline at the baccalaureate institution you plan to attend.