

Career & College Promise College Transfer Pathways

Pathway for Associate in Arts (P1012C)

General Education (32-41 SHC)

English Composition (6 SCH)

The following two English composition courses are required.

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciples (3 SHC)

Communications/Humanities/Fine Arts (9 SHC)

Select three courses from the following in at least two different disciplines:

Communications

- COM 231 Public Speaking (3 SHC)

Humanities/Fine Arts

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Science (9 SHC)

Select three courses from the following in at least two different disciplines:

- ECO 251 Principles of Microeconomics (3 SHC)
- ECO 252 Principles of Macroeconomics (3 SHC)
- HIS 111 World Civilization I (3 SHC)
- HIS 112 World Civilization II (3 SHC)
- HIS 131 American History I (3 SHC)
- HIS 132 American History II (3 SHC)
- POL 120 American Government (3 SHC)
- PSY 150 General Psychology I (3 SHC)
- SOC 210 Introduction to Sociology (3 SHC)

Math (3-4 SHC)

Select one course from the following:

- MAT 143 Quantitative Literacy (3 SHC)
- MAT 152 Statistical Methods I (4 SHC)
- MAT 171 Pre-calculus Algebra (4 SHC)

Natural Sciences (4 SHC)

Select one course with lab from the following:

- AST 111 Descriptive Astronomy & AST 111A LAB (4 SHC)
- BIO 110 Principles of Biology (4 SHC)
- BIO 111 General Biology I (4 SHC)
- CHM 151 General Chemistry I (4 SHC)
- GEL 111 Introductory Geology (4 SHC)
- PHY 110 Conceptual Physics & PHY 110A LAB (4 SHC)

Academic Transition (1 SHC)

The following course is required:

- ACA 122 College Transfer Success (1 SHC)

Additional Hours (0-8 SHC)

Up to 8 SHC of a single foreign language with lab from the following:

- SPA 111 Elementary Spanish I & SPA 181 Spanish Lab I (4 SHC)
- SPA 112 Elementary Spanish II & SPA 182 Spanish Lab II (4 SHC)

NOTE for both the AA and AS pathways: Receiving universities will determine whether Additional Hour courses will count as general education, pre-major, or elective credit.

Pathway for Associate in Science (P1042C)

General Education (35-43 SHC)

English Composition (6 SCH)

The following two English composition courses are required.

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciples (3 SHC)

Communications/Humanities/Fine Arts (6 SHC)

Select two courses from the following in at least two different disciplines:

Communications

- COM 231 Public Speaking (3 SHC)

Humanities/Fine Arts

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Science (6 SHC)

Select two courses from the following in at least two different disciplines:

- ECO 251 Principles of Microeconomics (3 SHC)
- ECO 252 Principles of Macroeconomics (3 SHC)
- HIS 111 World Civilization I (3 SHC)
- HIS 112 World Civilization II (3 SHC)
- HIS 131 American History I (3 SHC)
- HIS 132 American History II (3 SHC)
- POL 120 American Government (3 SHC)
- PSY 150 General Psychology I (3 SHC)
- SOC 210 Introduction to Sociology (3 SHC)

Math (8 SHC)

Select two courses from the following:

- MAT 171 Pre-calculus Algebra (4 SHC)
- MAT 172 Pre-calculus Trigonometry (4 SHC)
- MAT 263 Brief Calculus (4 SHC)
- MAT 271 Calculus I (4 SHC)*
- MAT 272 Calculus II (4 SHC)

*NOTE: See criteria on the last page for direct placement into MAT 271.

Natural Sciences (8 SHC)

Select 8 SHC from the following:

- BIO 110 Principles of Biology (4 SHC)
- BIO 111 General Biology I & BIO 112 General Biology II (8 SHC)
- CHM 151 General Chemistry I & CHM 152 General Chemistry II (8 SHC)
- GEL 111 Introductory Geology (4 SHC)
- PHY 110 Conceptual Physics & PHY 110A LAB (4 SHC)
- PHY 251 General Physics I & PHY 252 General Physics II (8 SHC)

NOTE: Students planning AS or BS degrees are advised to select sequence courses in the same discipline, grouped here as 8 SHC

Academic Transition (1 SHC)

The following course is required:

- ACA 122 College Transfer Success (1 SHC)

Additional Hours (0-8 SHC)

Up to 8 SHC of a single foreign language with lab from the following:

- SPA 111 Elementary Spanish I & SPA 181 Spanish Lab I (4 SHC)
- SPA 112 Elementary Spanish II & SPA 182 Spanish Lab II (4 SHC)

Career & College Promise College Transfer Pathway

Pathway for Associate in Engineering (P1052C) Total SHC 34-50 hours

General Education (28 SHC)

English Composition (6 SCH)

The following two English composition courses are required.

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciplines (3 SHC)

Communications/Humanities/Fine Arts (3 SHC)

Select one course from the following:

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- COM 231 Public Speaking (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Science (3 SHC)

The following course is required:

- ECO 251 Principles of Microeconomics (3 SHC)

Math (8 SHC)

The following courses are required:

- MAT 271 Calculus I (4 SHC)
- MAT 272 Calculus II (4 SHC)

Calculus I is the lowest level math course that will be accepted by the engineering programs for transfer as a math credit. Students who are not calculus-ready will need to take additional math courses. See Prerequisite General Education Hours below.

Natural Sciences (8 SHC)

Select 8 SHC from the following courses:

- CHM 151 General Chemistry I (4 SHC)
- PHY 251 General Physics I (4 SHC)
- PHY 252 General Physics II (4 SHC)

Prerequisite General Education Hours (0-8 SHC)

- MAT 171 Pre-Calculus Algebra (4 SHC)
- MAT 172 Pre-Calculus Trigonometry (4 SHC)

Students who do not place directly into MAT 271 must complete MAT 171 (4 SHC) and MAT 172 (4 SHC) prior to enrolling in MAT 271: Calculus I.

See Criteria for Direct Placement into MAT 271 in the right column.

Other Required Hours (6 SHC)

Academic Transition (1 SHC)

The following course is required:

- ACA 122 College Transfer Success (1 SHC)

Engineering (5 SHC)

The following two courses are required.

- EGR 150 Introduction to Engineering (2 SHC)
- DFT 170 Engineering Graphics (3 SHC)

Optional General Education Hours (0-8 SHC)

Up to 8 SHC of a single foreign language with lab from the following:

- SPA 111 Elementary Spanish I & SPA 181 Spanish Lab I (4 SHC)
- SPA 112 Elementary Spanish II & SPA 182 Spanish Lab II (4 SHC)

NOTE: Receiving universities will determine whether Optional Hour courses will count as general education, pre-major, or elective credit.

Criteria for Direct Placement into MAT 271: Calculus I

A student may place directly into MAT 271 if the student has met at least one (1) of the following criteria within the past five (5) years:

- A score of 2 or higher on the AP Calculus AB Exam.
- A grade of C or higher in an AP Calculus course and an unweighted HS GPA of 3.0 or higher.
- A score of 90 or higher on the ACCUPLACER College-Level Math (CLM) test.
- A score of 46 or higher on the trigonometry section of the ACT Compass Math Placement Test.
- A score of 580 or higher on the SAT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state.
- A score of 27 or higher on the ACT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state.
- A score of 560 or higher on the SAT Subject Test in Mathematics Level 2.

Source: North Carolina Community College System numbered memo CC15-017

