

HIGHLANDS COLLEGE PATHWAYS

Automotive Technology, A.A.S.

AST 102 – Introduction to Automotive Services (3 credits)

M 105 – Contemporary Math (3 credits)

-OR-

M 111 – Technical Mathematics (3 credits)

-OR-

M 121 – College Algebra (3 credits)

WRIT 100 – Composing Mindfully: Writing Fundamentals (3 credits)

-OR-

WRIT 101 – College Writing I (3 credits)

-OR-

WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 131 – Basic MS Office (3 credits)

-OR-

CAPP 156 – MS Excel (3 credits)

BGEN 105 – Introduction to Business (3 credits)

BGEN 235 – Business Law (3 credits)

-OR-

COMX 115 – Interpersonal Communications (3 credits)

-OR-

HEO 100 – Commercial Truck Driving (3 credits)

Construction Technology, A.A.S.

CSTN 147 – Blueprint Reading (3 credits)

M 105 – Contemporary Math (3 credits)

-OR-

M 111 – Technical Mathematics (3 credits)

-OR-

M 121 – College Algebra (3 credits)

WRIT 101 – College Writing I (3 credits)

-OR-

WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 131 – Basic MS Office (3 credits)

-OR-

CAPP 156 – MS Excel (3 credits)

BGEN 105 – Introduction to Business (3 credits)

BGEN 235 – Business Law (3 credits)

-OR-

HEO 100 – Commercial Truck Driving (3 credits)

ACTG 201 – Principles of Financial Accounting (3 credits)

Civil Engineering Technology, A.A.S.

DDSN 114 – Introduction to CAD (3 credits)

M 151 – Precalculus (4 credits)

WRIT 101 – College Writing I (3 credits)

-OR-

WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 156 – MS Excel (3 credits)

ACTG 201 – Principles of Financial Accounting (3 credits)

Mining Technology, A.A.S.

MIN 105 – Introduction to Mining (3 credits)

M 121 – College Algebra (3 credits)

-OR-

M 151 – Precalculus (4 credits)

WRIT 101 – College Writing I (3 credits)

-OR-

WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 156 – MS Excel (3 credits)

-OR-

EGEN 100 – Engineering & Science Fundamentals (3 credits)

DDSN 114 – Introduction to CAD (3 credits)

-OR-

EGEN 101 – Introduction to Engineering Calculations & Problem Solving (3 credits)

Recommended for students who plan on pursuing a BAS degree
Recommended for students who plan on only completing the AAS or CAS

HIGHLANDS COLLEGE PATHWAYS

Welding Technology, A.A.S.

WLDG 110 – Welding Theory I (2 credits)
WLDG 111 – Welding Theory I Practical (2 credits)

M 105 – Contemporary Math (3 credits)
-OR-
M 111 – Technical Mathematics (3 credits)
-OR-
M 121 – College Algebra (3 credits)

WRIT 101 – College Writing I (3 credits)
-OR-
WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 131 – Basic MS Office (3 credits)
-OR-
CAPP 156 – MS Excel (3 credits)

BGEN 105 – Introduction to Business (3 credits)

BGEN 235 – Business Law (3 credits)
-OR-
HEO 100 – Commercial Truck Driving (3 credits)

Precision Machining Technology, A.A.S.

DDSN 114 – Introduction to CAD (3 credits)

M 105 – Contemporary Math (3 credits)
-OR-
M 111 – Technical Mathematics (3 credits)
-OR-
M 121 – College Algebra (3 credits)

WRIT 100 – Composing Mindfully: Writing Fundamentals (3 credits)
-OR-
WRIT 101 – College Writing I (3 credits)
-OR-
WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 131 – Basic MS Office (3 credits)
-OR-
CAPP 156 – MS Excel (3 credits)

BGEN 105 – Introduction to Business (3 credits)

BGEN 235 – Business Law (3 credits)
-OR-
COMX 115 – Interpersonal Communications (3 credits)

Computer Networks and Cyber Security, A.A.S.

ITS 130 – Cybersecurity Essentials (3 credits)

M 105 – Contemporary Math (3 credits)
-OR-
M 121 – College Algebra (3 credits)

WRIT 101 – College Writing I (3 credits)
-OR-
WRIT 121 – Introduction to Technical Writing (3 credits)

COMX 230 – Presenting Technical Information (3 credits)
-OR-
COMX 111 – Introduction to Public Speaking (3 credits)

CSCI 135 – Fundamentals of Computer Science I (3 credits)

SOCI 101 – Introduction to Sociology (3 credits) satisfies social science elective

Radiologic Technology, A.A.S.

AHMS 144 – Medical Terminology (3 credits) recommended

M 121 – College Algebra (3 credits)
-OR-
M 140 – College Math for Healthcare (3 credits)

WRIT 101 – College Writing I (3 credits)
-OR-
WRIT 121 – Introduction to Technical Writing (3 credits)

CAPP 131 – Basic MS Office (3 credits) recommended

PSYX 100 – Introduction to Psychology (3 credits)

This can serve as a strong foundation and pathway into an A.A.S. (Associate of Applied Science), C.A.S. (Certificate of Applied Science), or B.A.S. (Bachelor of Applied Science) degree program; however, additional coursework will be required upon completion to meet full program requirements.

Recommended for students who plan on pursuing a BAS degree
Recommended for students who plan on only completing the AAS or CAS