# Artificial Intelligence Technology

## Artificial Intelligence Suggested Course Sequence

The following is the suggested plan for when to take each course to complete this Associate in Applied Science degree, based on the program requirements of the 2024-2025 catalog.  This is only a recommendation — you may take courses in another order upon consultation with your advisor. This plan is based on you starting with college-level math and English courses, starting your program in the fall, and attending full-time. You can also follow this sequence if you attend part-time. Speak with your academic advisor about the plan and any questions. This program might also offer diplomas or certificates; visit the catalog or contact the program for details.   Visit the Academic Advising page for instructions on locating your assigned advisor:    https://www.cpcc.edu/academics/academic-advising

| Term I | | Credits |
|---|---|---|
| ACA 122 | College Transfer Success | 1.0 |
| CSC 113 | Artificial Intelligence Fundamentals | 3.0 |
| ECO 251 | Principles of Microeconomics | 3.0 |
| ENG 111 | Writing and Inquiry | 3.0 |
| MAT 152 | Statistical Methods I | 4.0 |
| | **Credits** | **14** |
| **Term II** | | |
| ART 111 | Art Appreciation | 3.0 |
| CSC 121 | Python Programming | 3.0 |
| CTS 210 | Computer Ethics | 3.0 |
| CTS 285 | Systems Analysis & Design | 3.0 |
| MAT 171 | Precalculus Algebra | 4.0 |
| | **Credits** | **16** |
| **Term III** | | |
| CSC 112 | Machine Learning Computation | 3.0 |
| ENG 112 | Writing and Research in the Disciplines | 3.0 |
| MAT 263 | Brief Calculus | 4.0 |
| | **Credits** | **10** |
| **Term IV** | | |
| CSC 114 | Artificial Intelligence I | 3.0 |
| CSC 115 | Machine Learning I | 3.0 |
| CSC 128 | Chatbot Programming I | 3.0 |
| CSC 162 | Computer Vision | 3.0 |
| CSC 221 | Advanced Python Programming | 3.0 |
| | **Credits** | **15** |
| **Term V** | | |
| CSC 161 | Deep Learning | 3.0 |
| CSC 214 | Artificial Intelligence II | 3.0 |
| CSC 215 | Machine Learning II | 3.0 |
| CSC 228 | Chatbot Programming II | 3.0 |
| Technical Elective | | 1.0-3.0 |
| | **Credits** | **13-15** |
| | **Total Credits** | **68-70** |