PROGRAMS OF STUDY

ASSOCIATE OF TECHNICAL ARTS IN INFORMATION TECHNOLOGY

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| This program of study is designed to prepare students for entry-level and intermediate-level employment in several technology fields. Students can focus their attention beyond the core information technology courses with an emphasis in network support and adminis­tration, micro-controller/robotics, fabrication technology, or web page development. Courses are oriented toward training individuals for Tribal, government, business, and corporate environments. Students completing this degree program can also expect to work toward and complete some of the industry certifications demanded by employers in this competitive job market. Recipients of this degree can transfer directly into The Evergreen State College’s bachelor’s program in Computer Information Systems. | | | |
| **NORTHWEST INDIAN COLLEGE REQUIREMENTS** | | | Credits |
| CMST 101 | Introduction to Oral Communication (CS) OR | | 4 |
| CMST 210 | | Interpersonal Communication (CS, HT) OR | |
| CMST 220 | | Public Speaking (CS, HT) | |
| CMPS 101 | Introduction to Computers or above (TE) | | 3 |
| HMDV 110 | Introduction to Successful Learning (NE) | | 4 |
| **TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS** | | | **11** |
| **NORTHWEST INDIAN COLLEGE FOUNDATIONAL REQUIREMENTS** | | | Credits |
| CSOV 101 | Introduction to Cultural Sovereignty (HT) | | 5 |
| CSOV 102 | The Language of Our Ancestors (HT) or approved Native language courses1 | | 5 |
| CSOV 120 | Reclaiming Our History (SS) | | 5 |
| **TOTAL NORTHWEST INDIAN COLLEGE FOUNDATIONAL**  **REQUIREMENTS** | | | **15** |
| 1 One or more Native language courses totaling at least 5 credits. Consult with an advisor regarding satisfying general education re­quirements. Requires approval by the Dean of Academics and Distance Learning. | | | |
| **GENERAL EDUCATION REQUIREMENTS** | | | Credits |
| ENGL 101 | English Composition I (CS) | | 5 |
| MATH 190 | Vocational Mathematics (NE) or course meeting AAS QS requirement | | 5 |
| Humanities Distribution 5 credit requirement- met in Foundational Requirements | | | 0 |
| Social Science Distribution 5 credit requirement- met in Foundational Requirements | | | 0 |
| Natural Science Distribution 5 credit requirement- choose course meeting AAS Natural Science Requirement | | | 5 |
| **TOTAL GENERAL EDUCATION REQUIREMENTS** | | | **15** |
| **CORE PROGRAM REQUIREMENTS** | | | Credits |
| CMPS 104 | Operating Systems I: Installation and Troubleshooting (NE) | | 3 |
| ENGR 105 | Computer Aided Drafting I (NE) | | 5 |
| CMPS 116 | Microsoft Office I (NE) | | 3 |
| CMPS 140 | Networking I (NE) | | 3 |
| CMPS 160 | Assembly, Maintenance and Diagnostics (NE) | | 4 |
| CMPS 170 | Web Page Development I (NE) | | 3 |
| CMPS 225 | Programming/Coding I (TE) | | 4 |
| CMPS 230 | Programming/Coding II (TE) | | 4 |
| CMPS 197 | Internship/Practicum (NE) | | 6 |
| CMPS 260 | Capstone Project (NE) | | 5 |
| **TOTAL CORE PROGRAM REQUIREMENTS** | | | **40** |
| |  |  |  | | --- | --- | --- | | **ELECTIVES : INFORMATION TECHNOLOGY CONCENTRATION AREAS** | | | | Network Administration | | Credits | | CMPS 144 | Networking II (NE) | 3 | | CMPS 243 | Networking III: Network Administration (NE) | 3 | | CMPS 244 | Networking Infrastructure (NE) | 3 | | Electronics/Robotics | | Credits | | CMPS 106 | Introduction to Analog and Digital Electronics (NE) | 3 | | CMPS 206 | Introduction to Micro-controllers (NE) | 3 | | CMPS 207 | Robot Development (NE) | 3 | | Web Design | | Credits | | CMPS 172 | Web Page Development II (NE) | 3 | | CMPS 212 | Graphic Design: Digital Media and Web Technology (NE) | 3 | | CMPS 216 | Web Development: Digital Media and Web Technology (NE) | 3 | | Fabrication Technology | | Credits | | ENGR 106 | Computer Aided Drafting II (NE) | 5 | | ENGR 205 | Computer Aided Drafting III (NE) | 5 | | ENGR 206 | Computer Aided Drafting and Manufacturing (NE) | 5 | | **TOTAL ELECTIVES** | | **9-15** | | TOTAL DEGREE REQUIREMENTS | | 90-96 | | | | |