

COMPUTER PROGRAMMING

ASSOCIATE OF APPLIED SCIENCE (AAS) - 60 CREDITS

Program Plan — "Computer Programming - Fall Start"

Locations: Moorhead, Online

1st Fall Term (15 credits)

Courses

| Course | Crds |
|--|------|
| CPTR1001 - Introduction To Programming and Scripting | 3 |
| CPTR1106 - Microcomputer Databases | 3 |
| CPTR2224 - Linux I | 3 |
| CSCI1110 - Informatics | 3 |

3 credits in one or more of the following:

Goal Area 4. Mathematics/Logical Reasoning

0 credits in one or more of the following:

CPTR1100 and CPTR1104 will NOT be counted as technical electives in the Computer Programming AAS.

1st Spring Term (16 credits)

Courses

| Course | Crds |
|--------------------------------------|------|
| CPTR1115 - COBOL Programming | 4 |
| CPTR2001 - Scripting for Automation | 3 |
| CPTR2230 - Structured Query Language | 3 |
| CPTR2242 - Java Programming | 3 |
| ENGL1101 - College Writing | 3 |

2nd Fall Term (14 credits)

Courses

| Course | Crds |
|-------------------------------|------|
| CPTR1129 - RPG Programming | 4 |
| CSCI1121 - Computer Science I | 4 |

6 credits in one or more of the following:

Course Subject: CPTR

Course Subject: CSCI

Course Subject: CSEC

2nd Spring Term (15 credits)

Courses

| Course | Crds |
|--|------|
| CPTR2238 - Database Integration | 3 |
| CPTR2255 - Software Security and Testing | 3 |

3 credits in one or more of the following:

COMM1120 - Introduction to Public Speaking 3

COMM1130 - Small Group Communication 3

COMM1140 - Interpersonal Communication 3

6 credits in one or more of the following:

General Education w/MnTC Goals