

# 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