

AS Degrees

Information Technology – AS

Course # , Course Title , Credits

Required

CPTR1106, [Microcomputer Databases](#) , 3
CPTR1108, [CISCO 1](#) , 3
CPTR1122, [Microcomputer Maintenance](#) , 3
CPTR1138, [Information Systems](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR1170, [Web Engineering I](#) , 3
CPTR2224, [Linux I](#) , 3
CPTR2236, [Network Security](#) , 3
CPTR2242, [Java Programming](#) , 3
CPTR2272, [Network Operating Systems](#) , 3

MNTC Courses

ENGL1101, [College Writing](#) , 3
HUM2236, [Technology in the Humanities](#)
[Goal: 2, 6, 8 _](#) , 3
PSYC1200, [General Psychology](#)
[Goal: 5, 9 _](#) , 3
[MNTC Electives ...](#) , 21

Total Credits: 60

AAS Degrees

Computer Network Security - AAS

Course # , Course Title , Credits

Required

CPTR1100, [Fund Computer Concepts](#) , 1
CPTR1108, [CISCO 1](#) , 3
CPTR1118, [CISCO 2](#) , 3
CPTR2200, [CISCO 3](#) , 3
CPTR2208, [CISCO 4](#) , 3
CPTR2224, [Linux I](#) , 3
CPTR2234, [Linux II](#) , 3
CPTR2272, [Network Operating Systems](#) , 3
CPTR2282, [E-mail Administration](#) , 3
CSEC1102, [Careers in Information Systems](#) , 1
CSEC1110, [Fundamentals of IT Security](#) , 3
CSEC2202, [Introduction to Wireless Networking](#) , 3
CSEC2204, [Managing Directory Services](#) , 3
CSEC2210, [Security Breaches and Countermeasures](#) , 3
CSEC2212, [Web Security](#) , 3
CSEC2218, [Disaster Recovery](#) , 2
CSEC2222, [Network Security Design](#) , 3
CSEC2228, [Network Defense](#) , 3
INTD1111, [Hands-On Programming](#) , 3

MNTC Courses

COMM1120, [Introduction to Public Speaking](#)
[Goal: 1 _](#) , 3
ENGL1101, [College Writing](#) , 3
PSYC1200, [General Psychology](#)
[Goal: 5, 9 _](#) , 3
[MNTC Electives ...](#) , 6

Total Credits: 67

Computer Programming - AAS

Course # , Course Title , Credits

Required

CPTR1001, [Introduction to Programming and Scripting](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1110, [Visual Basic Program I](#) , 3
CPTR1112, [Visual Basic Program II](#) , 3
CPTR1115, [COBOL Programming](#) , 4
CPTR1129, [RPG Programming](#) , 4
CPTR1138, [Information Systems](#) , 3
CPTR1170, [Web Engineering I](#) , 3
CPTR2000, [Mobile Application Development](#) , 3
CPTR2230, [Structured Query Language](#) , 3
CPTR2238, [Database Integration](#) , 3
CPTR2242, [Java Programming](#) , 3
CPTR2400, [Web Integration](#) , 3
CSCI1121, [Computer Science I](#) , 4

MNTC Courses

COMM1120, [Introduction to Public Speaking](#)

[Goal: 1 *](#) , 3

ENGL1101, [College Writing](#) , 3

[MNTC Electives ...](#) , 9

Elective Credits ... , 10

Total Credits: 70

Information Technology - AAS

Course # , Course Title , Credits

Required

CPTR1001, [Introduction to Programming and Scripting](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1108, [CISCO 1](#) , 3
CPTR1122, [Microcomputer Maintenance](#) , 3
CPTR1138, [Information Systems](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR1170, [Web Engineering I](#) , 3
CPTR1178, [Robotics](#) , 3
CPTR2224, [Linux I](#) , 3
CPTR2236, [Network Security](#) , 3
CPTR2262, [Internet Protocol Version 6](#) , 3
CPTR2272, [Network Operating Systems](#) , 3

MNTC Courses

ENGL1101, [College Writing](#) , 3
HUM2236, [Technology in the Humanities](#)
[Goal: 2, 6, 8 *](#) , 3
PSYC1200, [General Psychology](#)
[Goal: 5, 9 *](#) , 3
[MNTC Electives ...](#) , 6
Elective Credits ... , 9

Total Credits: 60

IT Systems Support - AAS

Course # , Course Title , Credits

Required

CPTR1104, [Intro to Computer Tech](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1125, [IT Essentials](#) , 3
CPTR1130, [IT Essentials 2](#) , 3
CPTR1138, [Information Systems](#) , 3
CPTR1142, [Network Essentials](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR2236, [Network Security](#) , 3
CPTR2272, [Network Operating Systems](#) , 3
CTEC2204, [Advanced Technical Support](#) , 3
CTEC2240, [Technical Support Internship](#) , 3
INTD1111, [Hands-On Programming](#) , 3
ITSS1100, [Information Technology Help Desk](#) , 3
ITSS1120, [Information Technology Research and Documentation](#) , 3
ITSS2100, [Supporting End-User Applications](#) , 3

MNTC Courses

COMM1120, [Introduction to Public Speaking](#)
[Goal: 1 _](#) , 3
COMM1130, [Small Group Communication](#)
[Goal: 1, 2 _](#) , 3
COMM1140, [Interpersonal Communication](#)
[Goal: 1 _](#) , 3
ENGL1101, [College Writing](#) , 3
ENGL1215, [Professional and Technical Writing](#)
[Goal: 1 _](#) , 3
HUM2236, [Technology in the Humanities](#)
[Goal: 2, 6, 8 _](#) , 3
PHIL1201, [Ethics](#)
[Goal: 2, 6, 9 _](#) , 3

Total Credits: 66

Network Technology Administration - AAS

Course # , Course Title , Credits

Required

CPTR1104, [Intro to Computer Tech](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1108, [CISCO 1](#) , 3
CPTR1110, [Visual Basic Program I](#) , 3
CPTR1118, [CISCO 2](#) , 3
CPTR1125, [IT Essentials](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR2200, [CISCO 3](#) , 3
CPTR2208, [CISCO 4](#) , 3
CPTR2236, [Network Security](#) , 3

- OR -

CSEC1110, [Fundamentals of IT Security](#) , 3
CPTR2245, [Enterprise Network Technologies](#) , 3
CPTR2258, [Microcomputer System Projects](#) , 2
CPTR2272, [Network Operating Systems](#) , 3
CPTR2282, [E-mail Administration](#) , 3
CSEC2204, [Managing Directory Services](#) , 3
CVNP2212, [Voice Over IP and IP Telephony](#) , 4

MNTC Courses

COMM1120, [Introduction to Public Speaking](#)

[Goal: 1 _](#) , 3

ENGL1101, [College Writing](#) , 3

PHIL1201, [Ethics](#)

[Goal: 2, 6, 9 _](#) , 3

[MNTC Electives ...](#) , 6

Elective Credits ... , 3

Total Credits: 66

Web Development - AAS

Course # , Course Title , Credits

Required

INTD1000, [Foundations of Web Development](#) , 3
INTD1108, [HTML](#) , 3
INTD1111, [Hands-On Programming](#) , 3
INTD1113, [Dreamweaver](#) , 3
INTD1117, [Photoshop](#) , 3
INTD1124, [Cascading Style Sheets](#) , 3
INTD1140, [JavaScript](#) , 3
INTD2210, [Interface Design](#) , 3
INTD2213, [Flash](#) , 3
INTD2226, [Web Programming](#) , 3
INTD2228, [Web Projects](#) , 3
INTD2236, [Advanced Web Programming](#) , 3
INTD2238, [Web Portfolio](#) , 3
INTD2246, [PHP](#) , 3

MNTC Courses

COMM1120, [Introduction to Public Speaking](#)

[Goal: 1](#) , 3

- OR -

COMM1130, [Small Group Communication](#)

[Goal: 1](#), [2](#) , 3

- OR -

COMM1140, [Interpersonal Communication](#)

[Goal: 1](#) , 3

ENGL1101, [College Writing](#) , 3

[MNTC Electives ...](#) , 9

[Elective Credits ...](#) , 6

Total Credits: 63

Diplomas

Information Technology - Diploma

Course # , Course Title , Credits

Required

CPTR1104, [Intro to Computer Tech](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1108, [CISCO 1](#) , 3
CPTR1122, [Microcomputer Maintenance](#) , 3
CPTR1138, [Information Systems](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR1170, [Web Engineering I](#) , 3
CPTR2224, [Linux I](#) , 3
CPTR2236, [Network Security](#) , 3
CPTR2242, [Java Programming](#) , 3
CPTR2252, [Microcomputer Systems Project](#) , 3
CPTR2272, [Network Operating Systems](#) , 3

MNTC Courses

ENGL1101, [College Writing](#) , 3
HUM2236, [Technology in the Humanities](#)

Goal: [2](#), [6](#), [8](#) , 3

PSYC1200, [General Psychology](#)

Goal: [5](#), [9](#) , 3

Elective Credits ... , 15

Total Credits: 60

IT Systems Support - Diploma

Course # , Course Title , Credits

Required

CPTR1104, [Intro to Computer Tech](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1125, [IT Essentials](#) , 3
CPTR1130, [IT Essentials 2](#) , 3
CPTR1138, [Information Systems](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CSEC1102, [Careers in Information Systems](#) , 1
CTEC2204, [Advanced Technical Support](#) , 3
ITSS1100, [Information Technology Help Desk](#) , 3
ITSS1120, [Information Technology Research and Documentation](#) , 3

MNTC Courses

ENGL1101, [College Writing](#) , 3

Elective Credits ... , 3

Total Credits: 34

Network Technology Administration - Diploma

Course # , Course Title , Credits

Required

CPTR1104, [Intro to Computer Tech](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1108, [CISCO 1](#) , 3
CPTR1118, [CISCO 2](#) , 3
CPTR1125, [IT Essentials](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR2236, [Network Security](#) , 3
CPTR2272, [Network Operating Systems](#) , 3
SOC1111, [Intro to Sociology](#)
[Goal: 2, 5, 7 *](#) , 3
Elective Credits ... , 6

Total Credits: 33

Web Development - Diploma

Course # , Course Title , Credits

Required

CSEC1102, [Careers in Information Systems](#) , 1

INTD1108, [HTML](#) , 3

INTD1113, [Dreamweaver](#) , 3

INTD1117, [Photoshop](#) , 3

INTD1124, [Cascading Style Sheets](#) , 3

INTD1130, [Electronic Commerce](#) , 3

INTD1140, [JavaScript](#) , 3

INTD1150, [Databases on the Server](#) , 3

INTD2210, [Interface Design](#) , 3

INTD2213, [Flash](#) , 3

INTD2226, [Web Programming](#) , 3

INTD2228, [Web Projects](#) , 3

INTD2231, [Emerging Technologies](#) , 1

INTD2236, [Advanced Web Programming](#) , 3

INTD2238, [Web Portfolio](#) , 3

INTD2246, [PHP](#) , 3

[MNTC Electives ...](#) , 9

Elective Credits ... , 9

Total Credits: 62

Certificates

Cisco Networking - Certificate

Course # , Course Title , Credits Required

CPTR1108, [CISCO 1](#) , 3

CPTR1118, [CISCO 2](#) , 3

CPTR2200, [CISCO 3](#) , 3

CPTR2208, [CISCO 4](#) , 3

Total Credits: 12

Computer Network Security - Certificate

Course # , Course Title , Credits

Required

CPTR2236, [Network Security](#) , 3

CSEC2210, [Security Breaches and Countermeasures](#) , 3

CSEC2212, [Web Security](#) , 3

CSEC2228, [Network Defense](#) , 3

Total Credits: 12

Health Information Technology – Technology Specialist - Certificate (Joint Department Offering)

Course # , Course Title , Credits

Required

CPTR1001, [Introduction to Programming and Scripting](#) , 3
CPTR1106, [Microcomputer Databases](#) , 3
CPTR1138, [Information Systems](#) , 3
CPTR1148, [Microcomputer Operating System](#) , 3
CPTR2296, [Topics in Computers](#) , 3
CSCI1110, [Informatics](#) , 3
HITM1150, [Introduction to Health Care Delivery](#) , 3
HITM1155, [Medicolegal Aspects](#) , 3
HITM2204, [Fundamentals of Electronic Health Records](#) , 3
HLTH1116, [Medical Terminology](#) , 3

Total Credits: 30

IT Systems Support - Certificate

Course # , Course Title , Credits

Required

CPTR1104, [Intro to Computer Tech](#) , 3

CPTR1125, [IT Essentials](#) , 3

CPTR1130, [IT Essentials 2](#) , 3

CPTR1138, [Information Systems](#) , 3

CPTR1142, [Network Essentials](#) , 3

ITSS1100, [Information Technology Help Desk](#) , 3

Total Credits: 18

Voice and Video Over Internet Protocol - Certificate

Course # , Course Title , Credits

Required

CVNP2210, [Voice, Video and Data Convergence](#) , 4
CVNP2212, [Voice Over IP and IP Telephony](#) , 4
CVNP2220, [Video Over Internet Protocol](#) , 4
CVNP2222, [Voice Video Over IP Systems Project](#) , 3

Total Credits: 15

Web Development - Certificate (CIW Web Design Specialist)

Course # , Course Title , Credits

Required

INTD1000, [Foundations of Web Development](#) , 3

INTD1108, [HTML](#) , 3

INTD1113, [Dreamweaver](#) , 3

INTD1117, [Photoshop](#) , 3

INTD1124, [Cascading Style Sheets](#) , 3

INTD1130, [Electronic Commerce](#) , 3

INTD1140, [JavaScript](#) , 3

- OR -

INTD1111, [Hands-On Programming](#) , 3

INTD2210, [Interface Design](#) , 3

INTD2213, [Flash](#) , 3

Elective Credits ... , 3

Total Credits: 30