

Network Administration

Associate in Arts Degree

Why Network Administration?

The Network Administration program at Bay College provides students with a strong general education background. This degree also satisfies the Michigan Transfer Agreement listed in the catalog.

Why Bay College?

The [Network Administration program](#) at Bay College is designed for students who wish to transfer to a four-year college or university and pursue a baccalaureate degree in computer networking.

Beyond Bay College

Students interested in transferring to a four-year institution to obtain a bachelor's degree or higher may find opportunities in the following areas of study:

- **Computer Network and Systems**
- **Network Security**
- **Network Computing**

Career Opportunities

A degree in Network Administration opens the door to many careers in a diverse and growing field. Students can go on to be many things, such as:

- **Network Administrator**
- **Network Manager**
- **Network Designer**
- **Network Security Administrator**
- **Network Engineer**

Contact

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Escanaba, MI 49829

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Iron Mountain, MI 49801

Office of Admissions
906-217-4010
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baycollege.edu



Network Administration, AA

Award Granted Upon Completion: Associate in Arts
Credits/Contacts Required: 65/67

Major code: 01/110
CIP Code: 151202

General Education Requirements (Min. 30 Credits)

Course #	Course Name	Cr
ENGL 101	Rhetoric & Composition	3
XXX xxx	Communication Elective (ENGL 102 or ENGL 145; COMM 103, COMM 104, or COMM 120)	3
MATH 110	College Algebra	4
XXXX xxx	Natural Science	7-10*
XXXX xxx	Social & Behavioral Science Electives	6**
XXXX xxx	Humanities Electives	6**

Requirements (Min. 35 Credits)

Course #	Course Name	Cr
CNSS 130	Introduction to Networks	4
CNSS 150	A plus Computer Maintenance	4
CNSS 230	Introduction to Unix Using Linux	4
CNSS 231	Advanced Linux System Administration	4
CNSS 250	Windows Networking I	4
CNSS 251	Windows Networking II	4
CSCI 121	C++ Programming I	3
CSCI 122	C++ Programming II	4
MATH 210	Introduction to Statistics	4

Suggested Sequences Per Semester

First Semester

Course #	Course Name	Cr/Ct
CNSS 130	Introduction to Networks	4
CNSS 150	A plus Computer Maintenance	4
ENGL 101	Rhetoric & Composition	3
XXXX xxx	Humanities Elective	3/3**

First Semester Total - Credit(s): 14 | Contacts: 16

Second Semester

Course #	Course Name	Cr/Ct
CNSS 230	Introduction to Unix Using Linux	4
MATH 210	Introduction to Statistics	4
XXXX xxx	Communication Elective	3/3
XXXX xxx	Natural Science Elective	4/4*
XXXX xxx	Social & Behavioral Sciences Elective	3/3**

Second Semester Total - Credit(s): 18 | Contacts: 18

Third Semester

Course #	Course Name	Cr/Ct
CNSS 231	Advanced Linux System Administration	4
CNSS 250	Windows Networking I	4
MATH 110	College Algebra	4
CSCI 121	C++ Programming I	3
XXXX xxx	Humanities Elective	3/3**

Third Semester Total - Credit(s): 18 | Contacts: 18

Fourth Semester

Course #	Course Name	Cr/Ct
CNSS 251	Windows Networking II	4
CSCI 122	C++ Programming II	4
XXXX xxx	Natural Science Elective	4/4*
XXXX xxx	Social & Behavioral Science Elective	3/3**

Fourth Semester Total - Credit(s): 15 | Contacts: 15

Note(s)

ⓘ This degree requires fulfillment of the Michigan Transfer Agreement General Education requirements. All courses used to fulfill the MTA must have a grade of "C" or higher. A minimum of 30 general education (GE) credits must be taken. If the minimum number of credits from each GE category is taken, an additional course will be necessary from any of the five general education categories.

* Students must choose two natural sciences from two different subject areas to meet the MTA requirement, and at least one must be a lab science course. See advisor for details.

** Students must choose courses in Social & Behavioral Sciences and Humanities from two different subject areas to meet MTA. See advisor for details.