

# Associate in Arts

2017-2018 Catalog

## Concentration in Network Administration

Award Granted Upon Completion: Associate in Arts

Credits/Contacts Required: 65/67

Major code: 01/110

CIP Code: 240101

### Description

The Associate in Arts in Network Administration Degree is designed for students who wish to transfer to a four-year college or university and pursue a baccalaureate degree in computer networking. In addition to preparation for transfer, this program provides students with a strong general education background. Students who receive an Associate in Arts in Network Administration degree will also satisfy the Michigan Transfer Agreement listed in the catalog. ☼

#### General Education Requirements – Min 30 credits

		<u>Cr</u>
ENGL-101	Rhetoric & Composition	3
XXXX-xxx	Communication Elective	3
	ENGL-102 or 145; COMM-103, 104, or 120	
MATH-110	College Algebra	4
XXXX-xxx	Natural Science *	7-10
XXXX-xxx	Social & Behavioral Science **	6
	Electives	
XXXX-xxx	Humanities Electives **	6

☼ 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.

#### Requirements – Min 35 credits

		<u>Cr / Ct</u>
CNSS-130	Introduction to Networks	4
CNSS-150	A + 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-122	C++ Programming II	4
MATH-210	Introduction to Statistics	4
XXXX-xxx	Approved Elective	3

#### Approved Electives (Choose a minimum of 3 credits)

BUSN-160	Introduction to Business	3
BUSN-195	Business Communications	3
CIS-103	Visual Basic	4
CIS-140	Database Applications	3
CIS-210	Web Page Design & Structure	3
CNSS-220	Network Design	4
CNSS-260	Network Security	4
CNSS-272	CNSS Co-op Internship #	3
CSCI-121	C++ Programming I	3

#### Suggested Sequences Per Semester

		<u>Cr / Ct</u>
<b>First Semester</b>		
CNSS-130	Introduction to Networks	4/4
CNSS-150	A + Computer Maintenance	4/6
ENGL-101	Rhetoric & Composition	3/3
XXXX-xxx	Humanities Elective **	3/3
		<b>14/16</b>
<b>Second Semester</b>		
CNSS-230	Introduction to Unix Using Linux	4/4
MATH-210	Introduction to Statistics	4/4
XXXX-xxx	Communication Elective	3/3
XXXX-xxx	Natural Science Elective *	4/4
XXXX-xxx	Social & Behavioral Sciences Elective **	3/3
		<b>18/18</b>
<b>Third Semester</b>		
CNSS-231	Advanced Linux System Admin	4/4
CNSS-250	Windows Networking I	4/4
MATH-110	College Algebra	4/4
XXXX-xxx	Approved Elective	3/3
XXXX-xxx	Humanities Elective **	3/3
		<b>18/18</b>
<b>Fourth Semester</b>		
CNSS-251	Windows Networking II	4/4
CSCI-122	C++ Programming II	4/4
XXXX-xxx	Natural Science Elective *	4/4
XXXX-xxx	Social & Behavioral Science Elective **	3/3
		<b>15/15</b>

# Students must pass a criminal background check for Co-op courses.

\* 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.