Systems Administration- Associate in Applied Science (2023-2024 Catalog)

NORTHAMPTON COMMUNITY COLLEGE

Developmental Education Courses *(if required)*

complete	Course #	Course Title
☐	ACLS050	Introduction to Academic Literacy
☐	ENGL027	Writing Skills Workshop
☐	MATH020	Pre-Algebra
☐	MATH022	Elementary Algebra
☐	MATH026	Intermediate Algebra

Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined below. Developmental education courses may extend the timeline to degree completion.

Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

	complete	Course #	Course Title	Credits	Pre-requisites / Co-requisites
Semester 1	☐	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	☐	ENGL101	English I	3	PRE: ENGL Placement Policy
	☐	CISC100	Information Technology Fundamentals	4	
	☐	CISC136	PC Support and Troubleshooting	4	
	☐	ELEC101	DC Circuit Analysis I	4	PRE: MATH026 or Math Placement
			Total Semester Credits:	16	
Semester 2	☐	CISC105	Desktop Operating Systems	4	
	☐	CISC137	Introduction to Networking Hardware	2	
	☐	CISC254	Server I	3	PRE: CISC136
	☐	CMTH102	Introduction to Communication	3	
	☐	ENGL151R	English II (Report Writing)	3	PRE: ENGL101
			Total Semester Credits:	15	
Semester 3	☐	CISC255	Server II	3	PRE: CISC254
	☐		Technical Elective*	3/4	Depends on course selected
	☐	BUSA221G	Business Communication (WI)	3	PRE: ENGL151 and CMTH102
	☐	MATH	Mathematics Elective	3	PRE: MATH Placement Policy
	☐		AH,SIT,SSHB General Education Elective	3	Depends on course selected
			Total Semester Credits:	15/16	
Semester 4	☐	CISC286	Linux Administration	4	PRE: CISC105
	☐	CISC251	Network Administration and Maintenance	3	PRE: CISC100 or ARTA240
	☐		AH,SIT,SSHB General Education Elective	3	Depends on course selected
	☐		AH,SIT,SSHB General Education Elective	3	Depends on course selected
	☐		Elective	3	Depends on course selected
			Total Semester Credits:	16	
			Total Degree Credits	62/63	

Program Notes:
General Education Electives: stuents must take three coures from at least two of the elective categories (AH, SIT, SSHB).

How to search for general education electives:
In Workday, use the corresponding **Course Tag** filter to see the available options.

Arts and Humanities = AH
Scientific Study of Human Behavior = SSHB
Soctieties and Institutions Over Time = SIT

Math Electives: MATH 103, 120, 140, 145, 150, 160, 165, 175, 180, 181, 210, 211

Technical Electives: CISC 115, 128, 130, 265, 278, 180

General Education Requirements

complete		
☐		Diversity
☐	BUSA221G	Writing Intensive

*It is the student's responsibility to be knowledgeable of NCC graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.