

# INFORMATION TECHNOLOGY, NETWORK ENGINEERING, ASSOCIATE IN APPLIED SCIENCE (DPRN)

## Part-Time Academic Plan

Course	Title	Hours
<b>First Semester</b>		
ENG 100	English Composition I	3
CS 100	Introduction to Information Technology	3
NET 110	Network Communications	3
<b>Hours</b>		<b>9</b>
<b>Second Semester</b>		
NET 115	Microsoft Windows	4
Social Science Elective (Select any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated social science course)		3
CS 127	Introduction to PC Support	3
<b>Hours</b>		<b>10</b>
<b>Third Semester</b>		
CS 128	PC Repair and Maintenance	3
NET 116	Microsoft Hybrid Server: Core Infrastructure	4
COMM 100 or COMM 111	Interpersonal Communication or Public Speaking	3
<b>Hours</b>		<b>10</b>
<b>Fourth Semester</b>		
Select one of the following:		3-4
MAT 120	Modern College Mathematics	
MAT 121	Introduction to Probability and Statistics	
MAT 135	Business Precalculus	
MAT 151	College Algebra	
MAT 152	Precalculus	
MAT 160	Calculus I	
NET 142	Cyber and Network Security Concepts	4
NET 230	Linux Operating Systems I	4
<b>Hours</b>		<b>11-12</b>
<b>Fifth Semester</b>		
NET 231	Microsoft Hybrid Server II	4
Science Elective (Select any transferable Scientific Inquiry (SI) designated science course)		4
IMM 120	Web Page Design and Development	3
<b>Hours</b>		<b>11</b>
<b>Sixth Semester</b>		
NET 210	CCNA CISCO Network Support	6
IT Elective: Select one CS/IMM/NET Course		3-4
<b>Hours</b>		<b>9-10</b>
<b>Seventh Semester</b>		
Mathematics Elective		3-4
<b>Hours</b>		<b>3-4</b>
<b>Total Hours</b>		<b>63-66</b>

### <sup>1</sup> Mathematics Elective:

Code	Title	Hours
Select second course from one of the following sequences:		
MAT 120 & MAT 121	Modern College Mathematics and Introduction to Probability and Statistics	6
MAT 135 & MAT 136	Business Precalculus and Business Calculus	6
MAT 151 & MAT 152	College Algebra and Precalculus	8

MAT 152 & MAT 160	Precalculus and Calculus I	8
MAT 160 & MAT 161	Calculus I and Calculus II	8

### College Academic Learning Goals

- CR Critical Reasoning (<https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#criticalreasoningtext>)
- DJ Diversity and Social Justice ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#DJ\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#DJ_Course_List))
- GU Global Understanding ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#GU\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#GU_Course_List))
- IL Information Literacy ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#IL\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#IL_Course_List))
- TC Information Technology ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#IT\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#IT_Course_List))
- OC Oral Communication ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#OC\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#OC_Course_List))
- QR Quantitative Reasoning ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#QR\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#QR_Course_List))
- SI Scientific Inquiry ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#SR\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#SR_Course_List))
- WC Written Communication ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#WC\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#WC_Course_List))