

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

## Full-Time Academic Plan

First Semester		Hours
ENG 100	English Composition I <sup>CR, IL, WC</sup>	3
CS 100	Introduction to Information Technology <sup>TC</sup>	3
NET 110	Network Communications <sup>TC</sup>	3
NET 115	Microsoft Windows	4
Choose any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated behavioral and social science course <sup>DJ, GU</sup>		3
<b>Hours</b>		<b>16</b>
Second Semester		Hours
CS 127	Introduction to PC Support	3
CS 128	PC Repair and Maintenance	3
NET 116	Microsoft Hybrid Server: Core Infrastructure	4
COMM 100 or COMM 111	Interpersonal Communication <sup>OC</sup> or Public Speaking	3
Select one of the following: <sup>OR</sup>		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	
<b>Hours</b>		<b>16-17</b>
Third Semester		Hours
NET 142	Cyber and Network Security Concepts	4
NET 230	Linux Operating Systems I	4
NET 231	Microsoft Hybrid Server II	4
Science Elective with a Lab (Select any transferable Scientific Inquiry (SI) designated science course) <sup>SI</sup>		4
<b>Hours</b>		<b>16</b>
Fourth Semester		Hours
IMM 120	Web Page Design and Development	3
NET 210	CCNA CISCO Network Support	6
IT Elective: Select one CS/IMM/NET Course		3-4
Mathematics Elective: Second Course in MAT sequence <sup>1</sup>		3-4
<b>Hours</b>		<b>15-17</b>
<b>Total Hours</b>		<b>63-66</b>

## Notes

### <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))