

INFORMATION TECHNOLOGY, CYBER SECURITY, ASSOCIATE IN APPLIED SCIENCE (CYBS)

Full-Time Academic Plan

First Semester		Hours
ENG 100	English Composition I	3
CS 100	Introduction to Information Technology	3
NET 110	Network Communications	3
NET 115	Microsoft Windows	4
Social Science Elective: (choose any Diversity and Social Justice AND Global Understanding designated Social Science course)		3
Hours		16
Second Semester		Hours
CS 101	Introduction to Computer Science	3
CS 127	Introduction to PC Support	3
CS 128	PC Repair and Maintenance	3
NET 116	Microsoft Hybrid Server: Core Infrastructure	4
Mathematics Elective: (choose a first course from Mathematics Elective Sequence)		3-4
Hours		16-17
Third Semester		Hours
NET 125	Ethical Hacking	4
NET 142	Cyber and Network Security Concepts	4
Communications Elective: (choose any Oral Communication designated course)		3
Mathematics Elective: (choose a second course from Mathematics Elective Sequence)		3-4
Hours		14-15
Fourth Semester		Hours
NET 200	Digital Forensics	3
NET 230	Linux Operating Systems I	4
NET 236	Cyber Security Defense and Analysis	4
Lab Science: (choose from any Scientific Inquiry designated course)		4
Hours		15
Total Hours		61-63

Notes:

Diversity and Social Justice(DJ) AND Global Understanding (GU) designated courses. (https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#Dual_DJ_GU_CourseList)

- Select one from *Social Science* offerings.

Scientific Inquiry (SI) designated courses (https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#SR_Course_List).

- Select from Science offerings.

Mathematics Elective Sequence:

Code	Title	Hours
Complete a sequence of two math courses:		
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 160 & MAT 161	Calculus I and Calculus II	8