

Student Name: _____

ID: _____

Minor in Computer Science Cybersecurity Requirement Tracking Sheet

<i>Required (Core) Courses</i>			
Course Number	Course Title	Credits	Grade Earned Semester Taken
CIS 190	Introduction to Procedural Programming or	4	
ECE 160	Foundations of Computer Engineering I		
CIS 360	Algorithms & Data Structures	4	
CIS 370	Design of Operating Systems	4	

<i>Elective Courses – choose three</i>			
CIS 442	Digital Forensics or	3	
ECE 487	Computer Forensics		
CIS 443	Applied Cryptography	3	
CIS 444	Cyber Defense and Operations	3	
CIS 446	Secure Software Development	3	
CIS 447	Network Security and Data Assurance or	3	
ECE 489	Network Security		
CIS 477	Computer and Information System Security	3	

<i>Curriculum Summary</i>	
Total number of courses required for the Minor	6
Total credit hours required for Minor	21

Notes:

- Computer Science majors are not eligible for the Minor in Computer Science Cybersecurity.
- Computer Engineering majors pursuing the Minor in Computer Science Cybersecurity
 - may substitute ECE 161 and ECE 264 for CIS 360
 - may substitute ECE 370 for CIS 370
 - must take CIS 400-level electives
- Students who already took a programming course other than CIS 190 or ECE 160 should have the Chairperson evaluate course equivalency with CIS 190.
- All courses must be completed with a grade of C or better.
- Per University policy, nine (9) credits at the 300+ level must be unique to the minor (*i.e.* can't also be used towards a student's major).
- At least half of the credits required for the minor must be taken at UMass Dartmouth.