Montreat College
Bachelor of Science in Cybersecurity
MOS 17C

Degree Requirements	Semester Hours	Military Courses	Resident Credit	CLEP/DSST	SOC Code	ACE Code/Note
General Education Courses	56					
Electives	4					
Cybersecurity Major Courses (60 CR)						
BS 350S Administration Theory & Organizational Behavior	3					
CS 109S Introduction to Computer Hardware	3	3				A-531-1900; CUQ; X5AZN; 502245; Joint Cyber Analysis
CS 110S Introduction to Operating Systems	3	3				A-531-1900; CUQ; X5AZN; 502245; Joint Cyber Analysis
CS 122S Introduction to Computer Programming	3	3				A-531-1900; CUQ; X5AZN; 502245; Joint Cyber Analysis
CS 215S Introduction to Computer Networking	3	3				A-531-1900; CUQ; X5AZN; 502245; Joint Cyber Analysis
CS 222S Introduction to Secure Scripting	3	3				A-531-1900; CUQ; X5AZN; 502245; Joint Cyber Analysis
CS 290S Principles of Cyber Defense	3					
CS 310S Database Programming	3					
CS 335S Computer & System Security	3	3				A-531-1900; CUQ; X5AZN; 502245; Joint Cyber Analysis
CS 345S Principles of Cybersecurity	3					
CS 350S Management of Cybersecurity	3	3				230-17C10 (CP), Phase 2; Cyber Operations Specialist
CS 365S The 3 C's: Cybercrime, Cyber Law & Cyber Ethics	3					
CS 370S Network Defense and Countermeasures	3					
CS 375S Linux Operating Systems and Security	3					
CS 428S Penetration Testing	3					
CS 448S Incident Response and Contingency Planning	3					
CS 490S Advanced Cyber Defense	3	3				230-17C10 (CP), Phase 2; Cyber Operations Specialist
CS 492S Advanced Cyber Internship & Senior Project **OR** CS 495S Capstone Project	3					
Subtotal	114					
Cybersecurity Electives (Choose 6 Hours)						
CS 204S Fundamentals of Information Systems	3					
CS 242S Cybersecurity Internship I	2					
CS 280S Special Topics	1 - 3					
CS 287S Cyber Competition	3					
CS 322S Introduction to Secure Mobile and Web App Development	3					
CS 342S Cybersecurity internship II	1					
CS 355S Project Management in IT and Cybersecurity	3					
CS 411S Introduction to Data Science in Cybersecurity	3					
CS 438S System Forensics	3	3				230-17C10 (CP), Phase 2; Cyber Operations Specialist
CS 442S Cybersecurity Internship III	1					
CS 445S Introduction to Cloud Security	3					
CS 480S Special Topics in Cybersecurity	1 - 3					
CS 481S Directed Study and Research	1-3					
Total	120					

*Two terms and 32 credit hours must be completed at Montreat College in residence or online.