



**REQUIREMENTS FOR THE CYBERSECURITY MINOR— (CYBR)**

The courses listed below constitute the 17 minimum hours required for a minor in Cybersecurity;  
11 required hours and a minimum of 6 elective hours.

<b>REQUIRED COURSES *</b> (11 hours)		<b>Course Names</b>	<b>Credit Hours</b>
1.	CSCE 206 or CSCE 221	Structured Programming in C or Data Structures and Algorithms (Implementation in C++)	4
2.	CSCE 110 or CSCE 121	Programming I—Simulations and Plotting Data or Introduction to Program Design and Concepts	4
3.	TCMG 308	Security and Ethics in the Digital World	3

**ELECTIVE COURSES— (min. 6 hours)**

<b>Course Names *</b>	<b>Credit Hours</b>	<b>Course Names *</b>	<b>Credit Hours</b>	<b>Course Names *</b>	<b>Credit Hours</b>
CSCE 410—Operating Systems	3	ESET 315—Local Metro Area Network	4	MATH 470—Comm and Cryptography	3
CSCE 431—Software Engineering	3	ESET 415—Advanced Network Systems & Security	3	MATH 471—Communications and Cryptography II	3
CSCE 434—Compiler Design	3	FIVS 123—Forensic Investigations	3	POLS 447—National Security Policy	3
CSCE 463—Networks and Distributed Processing	3	FIVS 205—Forensic & Investigations Science	3	TCMG 303—UNIX System Administration Practices	4
CSCE 464—Wireless and Mobile Security	3	ISYS 310—Network Communication & Infrastructure	3	TCMG 316—Database Systems Administration	4
CSCE 465—Computer and Network Security	3	ISYS 315—Database Programming	3	TCMG 476—Managing Technical Networks	4
ECEN 424—Fundamentals of Networking	3	ISYS 320—Management Information Systems	3	CSCE 489—SPTP Software Reverse Eng	3

\* Students must meet pre-requisites and/or co-requisites if required.

**Additional Requirements:**

1. A minimum GPR of 2.5 is required when entering the minor field of study
2. Must obtain a “C” or better in each course
3. Must achieve an overall GPR of 2.5 in approved minor field of study coursework
4. A minimum of 6 hours must be at the 300– to 400– level

I, hereby request approval to acquire a minor field of study from the College of Engineering under the rules of the University and the Dwight Look College of Engineering.

Student’s Printed Name \_\_\_\_\_ Major \_\_\_\_\_ UIN \_\_\_\_\_

Student’s Signature \_\_\_\_\_ Date \_\_\_\_\_

Undergraduate Advisor Signature; Texas A&M Cybersecurity Center Authorization

\_\_\_\_\_  
Major Department Authorization

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date entered in Compass by Major Department