

DEPARTMENT OF COMPUTING AND CYBER SECURITY

Mission

The mission of the Department of Computing and Cyber Security is to support the development of comprehensive computer science, cyber security and information systems education and research programs that will prepare students for careers in computing, cyber security and information systems; increase campus, community and experiential awareness in computing, cyber security and information systems; and promote faculty and student research in the fields of computing, cyber security and information systems.

Contact Information

Dr. Izzat Alsmadi
Department Chair
STEM

Programs

- Master of Science in Computer Science (MSCS) (<https://catalog.tamusa.edu/graduate/business/computing-cyber-security/mcs/>)

Courses

Computer Information Systems

Code	Title	Credits
CISA 5309	Computer Tech Applications	3
CISA 5310	Org & Mgmt of Bus Databases	3
CISA 5311	Project Management	3
CISA 5312	Risk Management	3
CISA 5320	Decision Support Systems	3
CISA 5321	Information Security	3
CISA 5322	Information Policy Assurance	3
CISA 5323	Computer Forensics	3
CISA 5324	Risk Analysis	3
CISA 5325	Network Security	3
CISA 5326	Security and Operations Practicum	3
CISA 5330	Telecommunications	3
CISA 5331	Enterprise Rsrce Planning Sys	3
CISA 5332	Business Intelli/ Data Mining	3
CISA 5333	Supply Chain Integration	3
CISA 5334	Business Process Integration	3
CISA 5340	Sys Analysis Design & Impl	3
CISA 5359	Spec Prob in Computer Info Sys	3

Computer Science

Code	Title	Credits
CSCI 5304	Database Systems	3
CSCI 5306	Computer Networks	3
CSCI 5311	Software Project Management	3
CSCI 5313	Artificial Intelligence	3
CSCI 5315	Big Data Analytics	3

CSCI 5316	Software Engineering	3
CSCI 5320	Decision Support Systems	3
CSCI 5321	Info Assurance/Risk Management	3
CSCI 5323	Cryptography/Secure Comm	3
CSCI 5325	Mobile App Development I	3
CSCI 5326	Security in Emerging Tech	3
CSCI 5327	Information Security	3
CSCI 5331	Enterprise Resource Plan Sys	3
CSCI 5332	Bus Intel/ Data Mining	3
CSCI 5343	Algorithms	3
CSCI 5345	Mobile App Development II	3
CSCI 5353	Secure Software Development	3
CSCI 5362	Operating Systems	3
CSCI 5366	Software Quality Assurance	3
CSCI 5372	Cloud Computing	3
CSCI 5391	Graduate Seminar	3
CSCI 5393	Topics in Computer Science	3
CSCI 5395	Thesis	3