

Information Systems Security Program (Major Code A25270)

Curriculum Description:

Information Systems Security covers a broad expanse of technology concepts. This curriculum provides individuals with the skills required to implement effective and comprehensive information security controls.

Course work includes networking technologies, operating systems administration, information policy, intrusion detection, security administration, attack methodology, and industry best practices to protect data communications.

Graduates should be prepared for employment as security administrators. Additionally, they will acquire the skills that allow them to pursue security certifications.

Coursework & Course Sequence:

			Class Hours	Lab Hours	Credit Hours	
First Year – Fall Semester – 16 Weeks						
CIS	210	Computer Ethics	3	0	3	
ENG	111	Expository Writing	3	0	3	
NET	110	Data Communications/Networking	2	2	3	
NET	112	Security Fundamentals & Policies	3	0	3	
NET	125	Routing & Switching I	1	4	3	
					Sub-Total	15
First Year – Spring Semester – 16 Weeks						
CIS	215	Hardware Installation/Maintenance	2	3	3	
ENG	114	Professional Research & Reporting	3	0	3	
NET	126	Routing & Switching II	1	4	3	
NET	225	Adv. Routing & Switching I	1	4	3	
NET	122	Secure Communications	2	2	3	
					Sub-Total	15
First Year – Summer Term – 10 Weeks						
MAT	140	Survey of Mathematics OR	3	0	3	
MAT	161	College Algebra OR	3	0	3	
MAT	175	Precalculus	4	0	4	
NET	226	Advanced Routing & Switching II	1	4	3	
		Humanities/Fine Arts Elective	3	0	3	
					Sub-Total	9-10
Second Year – Fall Semester – 16 Weeks						
NET	145	Introduction to Linux	2	2	3	
NET	222	Security Administration I	2	2	3	
NET	231	Intrusion Detection	2	2	3	
NET	232	Security Administration II	2	2	3	
PSY	150	General Psychology	3	0	3	
					Sub-Total	15
Second Year – Spring Semester – 16 Weeks						
CIS	174	Network System Manager I	2	2	3	
NET	155	Linux System Administration	2	2	3	
NET	175	Wireless Technology	2	2	3	
NET	233	Defense-In-Depth	2	2	3	
NET	275	Attack Methodology	2	2	3	
					Sub-Total	15
					Total Semester Hours' Credit	69-70

Want More Information?

Visit or call: Student Services: North Campus, Rowan County, I-85 & Jake Alexander Blvd., Bldg. 100, 704-637-0760, Ext. 221
Student Services: South Campus, Cabarrus County, Trinity Ch. Rd. at Hwy. 73 & I-85, 704-788-3197, Ext 510

This is a new program at RCCC for Fall Semester 2004.