

# Criminal Justice, AAS

## CYBER SECURITY

### School of Art, Humanities, Social Sciences and Public Service

The Criminal Justice Cyber Security AAS program provides students with extensive hands-on instruction in all facets of information security, network security, and PC security. Students will be exposed to the tools and techniques of security and law enforcement professionals. Topics covered include computer forensics, intrusion detection, anti-virus software, firewalls, criminal law, evidence gathering and investigation techniques. A degree option with greater emphasis on computer technology can be found on page 77.

### Career Opportunities

Law enforcement/computer technology professionals may find employment opportunities in private investigation firms, private security firms as well as local law enforcement agencies. Networking professionals may find employment as a corporate security manager, security technician, or other network position with an emphasis on security.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Apply relevant laws, regulations and procedures to a law enforcement situation.
- Practice appropriate investigative techniques.
- Identify and assess potential security risks against PCs, websites, programs and networks.
- Adhere to accepted practices in criminal procedures related to assist, force, search, and seizure.
- Develop and implement a security plan to minimize security threats and manage security risks.
- Develop familiarity with current security software and hardware
- Understand the duties and responsibilities of a corporate security office.
- Demonstrate a moral code of ethics and understand the legal responsibilities in the security field.

Sugg. Term	Seq #	Course ID	Course Title	Cr.	Term Offered	Prereq(s)	Options Available
1st Fall	1	PDV 101	First Year Seminar	1	F, Sp, Su		
	2	CIS 168	Principles of Information Security	3	F		
	3	CPT 150	Microcomputer Concepts	3	F, Sp, Su		
	4	CPT 181	Intro to Telecommunications	3	F		
	5	ENG 161	College Writing	3	F, Sp, Su	ENG 085 or Placement	
	6	CRJ 101	Introduction to Homeland Security	3	F		CRJ 155
1st Spring	7	CIS 212	Digital Forensics Fundamentals	3	Sp		
	8	CPT 182	Operating Systems	3	Sp, Su	CPT 150	
	9	CPT 183	Local Area Networks	3	Sp, Su		
	10	CRJ 163	Criminal Procedure	3	F, Sp, Su		
	11	ENG 162	Technical Communications	3	F, Sp, Su	ENG 161	ENG 163
	12	MTH 161	Modern College Mathematics	3	F, Sp, Su	MTH 052, 052A or Placement	Page 49 Column IV
2nd Fall	13	CIS 210	Advanced Digital Forensics	3	F		
	14	CPT 214	Wireless Communication	3	F		
	15	CRJ 195	Intro to Private Security	3	Sp*		CRJ 220
	16	CRJ 296	Introduction to Criminalistics	3	F, Su		CRJ 263
	17	SPC 155	Effective Speech	3	F, Sp, Su		SPC 156
2nd Spring	18	CIS 209	Network Security Fundamentals	3	Sp		
	19	CPT 256	Linus Desktop	3	Sp	CPT 182	
	20	CIS 255	Ethical Hacking and Software Defense	3	Sp	CIS 168	
	21	CRJ 265	White Collar Crime	3	Sp*		CRJ 277
	22	SOC 155	Introduction to Sociology	3	F, Sp, Su		Page 49 Column III

Total Program Credits

64

\* CRJ 265 offered every other spring semester

\* CRJ 195 offered every other spring semester