

# Criminal Justice, AAS

## CYBER SECURITY

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

#### Program Description

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.

#### 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.	Prereq/Coreq(Co)	Options Available
1st Fall	1	PDV 101	First Year Seminar	1		
	2	CIS 168	Principles of Information Security	3		
	3	CPT 150	Microcomputer Concepts	3		
	4	CPT 181	Introduction to Telecommunications	3		
	5	ENG 161	College Writing	3	ENG 085 with Permission of Instructor, ENG 095 or Placement	
	6	CRJ 101	Introduction to Homeland Security	3		CRJ 155
1st Spring	7	CIS 212	Digital Forensics Fundamentals	3		
	8	CPT 182	Operating Systems	3	CPT 145	
	9	CPT 183	Local Area Networks	3		
	10	CRJ 163	Criminal Procedure	3		
	11	ENG 162	Technical Communication	3	ENG 161	ENG 163
	12	MTH 161	Modern College Mathematics	3	MTH 052 or Placement	Page 42 Column IV
2nd Fall	13	CPT 161	Introduction to Cloud Computing	3		
	14	CPT 214	Wireless Communication	3	CPT 172 or CPT 183	
	15	CRJ 296	Introduction to Criminalistics	3		CRJ 263
	16	SPC 155	Effective Speech	3		SPC 156
2nd Spring	17	CIS 209	Network Security Fundamentals	3		
	18	CPT 256	Linux Desktop	3	CPT 182	
	19	CIS 255	Ethical Hacking and Software Defense	3	CIS 168	
	20	CRJ 195	Introduction to Private Security	3		CRJ 225
	21	CRJ 265	White Collar Crime	3		CRJ 277
	22	SOC 155	Principles of Sociology	3	Varies	Page 42 Column III

Minimum Program Credits

64

CJS

\*CRJ 195 offered every other spring semester

\*CRJ 265 offered every other spring semester