

NETWORKING ADVISING SHEET 2015-16

AAS DEGREE – NETWORK SECURITY ENGINEER – NSA Center of Academic Excellence 2Y Program 92 CREDITS

SHORT CERTIFICATES

OS and Network Fundamentals (15 credits)

CIS 150	Hardware and Operating Systems	Sum, Win
CIS 160	Introduction to Networks	Sum, Win
CIS 161	Local Area Networks	Fall, Spr

Linux/ UNIX (15 credits)

CIS 215	Introduction to UNIX/Linux	Fall, Win
CIS 217	UNIX/Linux System Administration	Win, Spr
CIS 221	Network Scripting (replaces CIS 216/CIS 219)	Spr, Sum

Network Administration and Security (10 credits)

CIS 262	Wide Area Networks	Fall, Win
CIS 265	WAN Tech & VPN Security	Win, Spr

Non Certificate Core Courses

CIS 166	Network Intrusion Detection I	Fall, Win
CIS 210	Operating Systems w/Virtual Machines	Win, Spr
CIS 230	Database Security/Management	Spr, Sum
CIS 140	CIS Cooperative / Internship	All



These courses are offered every quarter

Supporting Courses (10 credits)

CSCI 100	Survey of Computing
CSCI 131 or CSCI 116 or Phil 120	Intro to Python or Web/DB Programming I or Intro to Logic *

Related Instruction Courses (25 Credits)

CMST& 101 or CMST& 220	Intro to Communication or Public Speaking
BUSN 160	Human/Labor Relations
ENGL& 101	English Composition I
ENGL& 235	Technical Writing (replaces ENGL& 205)
Math& 146	Statistics (replaces Math 111)

* Please talk to an advisor to decide which is best for you

Advisors:

Amelia Phillips aphillips@highline.edu

Chun Yu cyu@highlin.edu

Students must complete each core or certificate course with a 2.0 or better

TYPICAL SCHEDULES

Typical Summer Start - Networking

Year 0

Fall	Winter	Spring	Summer
			CSCI 100
			CIS 150
			CIS 160

Year 1

Fall	Winter	Spring	Summer
CIS 161	CIS 166	CIS 210	CIS 140
Math 81	CIS 262	CIS 265	CIS 221
Engl 91	CIS 215	CIS 217	CIS 230

Year 2

Fall	Winter	Spring	Summer
BUSN 160	Math& 146	CIS 230	
Math 91	Engl 235	CSCI 131	
Engl 101	CMST& 101	CIS 140	

Typical Fall Start - Networking

Year 1

Fall	Winter	Spring	Summer
CSCI 100	CIS 150	CIS 161	BUSN 160
Math 81	CIS 160	Math& 146	CMST 101
Engl 91	Math 91	Engl 101	Engl 235

Year 2

Fall	Winter	Spring	Summer
CIS 215	CIS 217	CIS 221	CIS 140
CIS 166	CIS 210	CIS 230	
CIS 262	CIS 265	CSCI 131	

Note: Please see an advisor

Note2: If you test into a higher English or Math please take the course you test into

Note3: Self Advising can cause you to take classes you do NOT need or be unaware of changes

Typical Winter Start - Networking

Year 1

Fall	Winter	Spring	Summer
	CSCI 100	CIS 161	BUSN 160
	CIS 150	Math 81	Math 91
	CIS 160	Engl 91	Engl 101

Year 2

Fall	Winter	Spring	Summer
CIS 215	CIS 217	CIS 221	CMST 101
CIS 166	CIS 210	CIS 230	CSCI 131
CIS 262	CIS 265	Engl 235	Math& 146
			CIS 140