Drexel University
Goodwin College of Professional Studies
B.S. in Computing and Security Technology
Concentration: Computing Security
September 2007 Total 185 credits

English		**12.0**
( ) ENGL 101	Expository Writing & Reading	3.0
( ) ENGL 102	Persuasive Writing & Reading	3.0
( ) ENGL 103	Analytical Writing & Reading	3.0
( ) COM 230	Techniques of Speaking	3.0

Mathematics and Computers		**9.0**
( ) MATH 181	Mathematical Analysis I	3.0
( ) MATH 182	Mathematical Analysis II	3.0
( ) MATH 183	Mathematical Analysis III	3.0

Natural Science		**9.0**
( ) BIO 151	Applied Biology	3.0
( ) CHEM 151	Applied Chemistry	3.0
( ) PHYS 151	Applied Physics	3.0

Free elective **47.0**

Students may use free elective credit to pursue a minor

( )	3.0
( )	3.0
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( )	3.0
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( )	3.0
( )	3.0
( )	3.0
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( )	2.0

Liberal Studies **12.0**

Students must complete 12.0 credits in Liberal Studies covering a range of subject areas in the humanities and/or social sciences: anthropology, psychology, sociology, political science, history, philosophy, literature, economics, communication, music, art.

( )	3.0
( )	3.0
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( )	3.0

Required Courses **87.0**

Core Courses

( ) CT 200 Server I	3.0
( ) CT 320 Server II	3.0
( ) CT 140 Network Administration I	3.0
( ) CT 330 Network Administration II	3.0
( ) CT 350 Network Administration III	3.0
( ) CT 210 Linux I	3.0
( ) CT 310 Linux II	3.0
( ) CT 340 O/S Architecture I	3.0
( ) CT 360 O/S Architecture II	3.0
( ) CT 380 O/S Architecture III	3.0
( ) CT 230 Web Development I	3.0
( ) CT 240 Web Development II	3.0
( ) CT 400 Network Security I	3.0
( ) CT 395 IT Security I	3.0
( ) CT 420 IT Security II	3.0
( ) CT 491 Senior Project I	3.0
( ) CT 496 Senior Project II	3.0

Computing Security Concentration Courses

( ) CT 300 Security Techn. Models & Architecture	3.0
( ) CT 315 Security Management Practice	3.0
( ) CT 325 O/S Security Architecture I	3.0
( ) CT 402 Network Security II	3.0
( ) CT 312 Access Control & Intrusion Det. Techn.	3.0
( ) CT 422 Incident Response Best Practices	3.0
( ) CT 472 IT Security Defense Countermeasures	3.0
( ) CT 336 IP Security & VPN Technology	3.0
( ) CT 432 IT Security System Audits	3.0
( ) CT 393 IT Security Risk Assessment	3.0
( ) CT 412 IT Security Policies	3.0
( ) CT 415 Disaster Recovery & Continuity Planning	3.0

Computing Security Electives **9.0**

Choose any three

( ) CT 212 Computer Forensics	3.0
( ) CT 213 Forensic Data Recovery Technology	3.0
( ) CT 222 Security and Information Warfare	3.0
( ) CT 225 Data Mining Technology for Security	3.0
( ) CT 295 Public Key Infrastructure Technology	3.0
( ) CT 326 O/S Security Architecture II	3.0
( ) CT 355 Wireless LAN Security Technology	3.0
( ) CT 362 Network Auditing Tools	3.0
( ) CT 382 Applied Cryptography	3.0
( ) CT 407 Network Security III	3.0
( ) CT 427 e-Commerce & Web Security Technology	3.0