

Computer Science Technology AAS Cyber Defense Program Path

Academic Coursework	21-22
ENGENG 100 OR 101.....	3
HUM/FA.....ART, FRN, MUS, PHL, REL, SPH, SPA, THR.....	6
MTH 116 or higher level.....MTH 100, 110, 112, 113, 116, 125.....	3
CIS 146 Microcomputer Applications	3
Elective..... MTH 131, MTH 100, BIO, CHM, AST, GEO 101, PHS, PHY.....	3-4
SOC SCIANT, ECO, GEO 100, HIS, POL, PSY, SOC.....	3
Area V.....Pre-Professional, Major, and Elective Courses	31
WKO 101.....Workplace Skills Development I.....	1
CIS 117Database Management Software Applications	3
CIS 130Introduction to Information Systems.....	3
CIS 161Introduction to Networking.....	3
CIS 207 or 284.....Introduction to Web Development or CIS Internship	3
CIS 212 or 284.....Visual BASIC Programming or CIS Internship.....	3
CIS 251 or 284.....C++ Programming or CIS Internship	3
CIS 268 or 284.....Software Support or CIS Internship.....	3
CIS 269 or 284.....Hardware Support or CIS Internship	3
CIS 280.....Network Security or CIS Internship.....	3
CIS 284 or 294.....Special Topics or CIS Internship.....	3
Cyber Security and Virtualization Option	18
CIS 214Security Analysis (Pen Testing)	3
CIS 245Cyber Defense	3
CIS 246Ethical Hacking.....	3
CIS 267Enterprise Virtualization.....	3
CIS 277Network Services Administration	3
TOTAL HOURS REQUIRED FOR DEGREE.....	70-71

