INFORMATION TECHNOLOGY

Associate of Applied Science (AAS)

Advising Sheet – Suggested Course Sequence

Student Name _____ Faculty Advisor _____

REQUIRED COURSES	CR	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR √ TAKEN
SDV 101 Orientation to STEM	1		SDV 100 College Success Skills	
ENG 115 Technical Writing	3	See Placement Requirements	ENG 111	
MTH 154 Quantitative Reasoning	3	See Placement Requirements	MTH 161	
ITE 115 Introduction to Computer Applications and Concepts	3		See Note 4	
ECO 201 Principles of Macroeconomics	3		ECO 202	
BUS 100 Introduction to Business	3			
PHI 111 Logic I	3		PHI 220	
ITE 130 Introduction to Internet Services	3			
ITE 215 Advanced Computer Applications & Integration	3	ITE 115		
ACC 211 Principles of Accounting I	3			
ACC 212 Principles of Accounting II	3	ACC 211		
ITE 221 PC Hardware and OS Architecture *Offered Spring Only*	3			
ITN 101 Introduction to Network Concepts	3			
ITP 100 Software Design	3			
ITP 251 Systems Analysis and Design	3			
ITN 260 Network Security Basics	3	Co-requisite or Pre-requisite: ITN 101		
IT Track Courses	15/16		See Note 8 and tracks on next page	
PSY 200 Principles of Psychology	3		SOC 200	
ITE 290 Coordinated Internship *Offered Spring Only*	1		See Note 1	
Total Minimum Credits to Complete	**65/66**			

NOTES:

1. ITE 290 represents a one-credit internship that will focus on student's particular track. Students must have completed all coursework or be concurrently completing coursework in present semester for graduation with advisor's approval.
2. All information technology courses must be completed within five years of student's intended graduation date.
3. Prerequisite requirement(s) must be met for all classes.
4. Students with good computer skills may seek to satisfy this requirement by CLEP or internal exam.
5. Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
6. Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.
7. Transfer to Four-Year Colleges and Universities – This program is not intended for transfer. Students desiring to transfer should consult their faculty advisor and their intended transfer institutions for specific direction in program and course selection. Required courses for any major at four-year institutions may vary.
8. Students must complete all courses within a track in order to meet graduation requirements.
9. Track courses are related to specific Career Studies Certificates (CSC). Students should consult with their faculty advisors about completing a certificate milestone prior to completing the AAS.

IT REQUIRED TRACK COURSES:

Cisco Network Track:	**Credits**
ITN 154 Networking Fundamentals - Cisco	4
ITN 155 Switching, Wireless, and WAN Technologies (ICND2)-Cisco	3
ITN 156 Basic Switching and Routing - Cisco	3
ITN 157 WAN Technologies - Cisco	3
ITN 267 Legal Topics in Network Security	3
Total	**16**

Computer Applications Track:	**Credits**
ITD 110 Web Page Design I	3
ITD 136 Database Management Software	3
ITD 132 Structured Query Language	3
ITD 210 Web Page Design II	3
ITE Elective Track Course (ITE 140 OR ITE 150)	3
Total	**15**

Cyber Security Track:	**Credits**
ITN 261 Network Attacks, Computer Crimes and Hacking	3
ITN 262 Network Communication, Security and Authentication	3
ITN 263 Internet/Intranet Firewalls and E-Commerce Security	3
ITN 266 Network Security Layers	3
ITN 267 Legal Topics in Network Security	3
Total	**15**

Network Support Track:	**Credits**
ITN 111 Server Administration Windows 2012	3
ITN 171 Unix I	3
ITN 245 Network Troubleshooting	3
ITN 267 Legal Topics in Network Security	3
ITP 136 C# Programming I	~~3~~
Total	**15**

Program Development Track:	**Credits**
ITP 136 C# Programming I	3
ITP 120 Java Programming I	3
ITP 160 Introduction to Game Design and Development	3
ITP 220 Java Programming II	3
ITD 132 Structured Query Language	3
Total	**15**

For more information on this major, contact the Division of Engineering, Business and Public Services. 804.706.5121 (Chester Campus, Godwin Hall, G108) or 804.594.1480 (Midlothian Campus, Hamel Hall, H206).