

**Associate of Applied Science in Information Technology
Worksheet & Pre-requisites 2017-18**

Course	Course Title	Cds	Offered	Pre-requisites
Required General Education Classes				
ENGL 1010	<i>Intro to Academic Writing</i>	3	F/S	
MATH 1040	<i>Statistics</i>	4	F/S	Math ACT of 21 or C in MATH 1010
CSIS 1000	<i>Intro to Computers & Internet</i>	3	F/S/M	
LM 1010	<i>Information Literacy</i>	1	F/S	
CSIS 1010	<i>E-Commerce & the Global Society</i>	3	F/S/M	
	GENERAL ED	3		(Art 1120 suggested for IT emph)
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Required Core Classes				
CSIS 1400	<i>Fundamentals of Programming</i>	3	F/S	MATH 1050
CSIS 1410	<i>Object Oriented Programming</i>	3	F/S	"C" in CSIS 1400
CSIS 2420	<i>Intro to Algorithms & Data Structures</i>	3	F	"C" in CSIS 1410
CSIS 2010 OR 2810	<i>Computer Applications Computer Organization & Architecture</i>	3	F/S/M S	CSIS 1000 EET 2780
CSIS 2600	<i>Data Communications & Networking</i>	3	F/S	
CSIS 3100	<i>Systems Analysis & Design</i>	3	S	CSIS 2300
CSIS 3200	<i>Database Design & Management</i>	3	F	CSIS 1000
CSIS 3650	<i>Network Security</i>	3	F	CSIS 2600
EET 2750	<i>PC Hardware</i>	3	F/S	
Networking/Telecommunications Emphasis Classes				
CSIS 2620	<i>Network Administration I</i>	3	F	CSIS 1000 & CSIS 2600
CSIS 2670	<i>Information Security & Assurance</i>	3	S	CSIS 2600
CSIS 3600	<i>Operating Systems</i>	3	S	CSIS 2420
CSIS 3620	<i>Network Administration II</i>	3	S-even	CSIS 2620
CSIS 3660	<i>Network Design & Implementation</i>	3	S-odd	CSIS 2620
CSIS Elec	<i>Any CSIS course numbered 2000 or greater</i>	3		
Information Technology Emphasis Classes				
ACCT 2010	<i>Accounting Principles</i>	3	F/S	
ART 2210	<i>Digital Imaging</i>	3	F/S	ART 1120
ART 3250	<i>Web Design I</i>	3	F/S	ART 2210 or CSIS 2000
CSIS 2000	<i>Web Development</i>	3	F/S	CSIS 1010 or Instructor Approval
CSIS 3050	<i>Environments of IS</i>	3	F	CSIS 1010 & CSIS 2000
CSIS Elec	<i>Any CSIS course numbered 2000 or greater</i>	3		
Computer & Information Systems Security Emphasis Classes				
CSIS 2620	<i>Network Administration I</i>	3	F	CSIS 1000 & CSIS 2600
CSIS 3600	<i>Operating Systems</i>	3	S	CSIS 2420
CSIS 3660	<i>Network Design & Implementation</i>	3	S-odd	CSIS 2620
CSIS 3700	<i>Computer Forensics</i>	3	F-even	CSIS 2600 or instructor permission
CSIS 4700	<i>Internet Forensics & Cyber Security</i>	3	S-odd	CSIS 3700
CSIS Elec	<i>Any CSIS course numbered 2000 or greater</i>	3		

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Credits older than 10 years must be approved by the CSIS Department Chair before being allowed to count towards the degree due to the rapid change in the industry.