

## LFCC ADVISING WORKSHEET

Program: AAS Information Systems Technology

Catalog Year: 2016-2017

Advisor:

Program purpose: Designed for students who seek employment or professional development as a generalist in the area of information technology (IT), with specific knowledge in various areas such as Web design/development, computer network design and administration and database administration.

Check	Course	Title	Credits	Grade	
<b>First Semester</b>					
	ENG 111	College Composition I	3		
	ITD 110	Web Page Design I	3		
	ITD 130	Database Fundamentals	3		
	ITN 100	Introduction to Telecommunications	3		
	MTH 151/ 152	Math for Liberal Arts (or MTH 163 or 271) <sup>1</sup>	3		
	SDV 101/ 100	Orientation to the IT Professions	1		
<b>Second Semester</b>					
	ENG 112	College Composition II	3		
	ITE 120	Principles of Information Systems	3		
	ITE 221	PC Hardware and Operating Systems	3		
	ITP 100	Software Design	3		
	MTH 151/ 152	Math for Liberal Arts (or MTH 271 or 272) <sup>1</sup>	3		
		Approved Social Science Elective <sup>2</sup>	3		
<b>Third Semester</b>					
	ECO 201/202	Principles of Macro/Microeconomics	3		
	CST 100/ 110	Principles of Public Speaking/Intro to Speech Communication or ENG 115 Technical Writing <sup>3</sup>	3		
		Approved IT Elective <sup>4</sup>	3		
		Approved IT Elective <sup>4</sup>	3		
		Approved IT Elective <sup>5</sup>	3		
	PED/HLT	Physical Education or Health	1		
<b>Fourth Semester</b>					
		Approved IT Elective <sup>4</sup>	3		
		Approved IT Elective <sup>4</sup>	3		
		Approved IT Elective <sup>4</sup>	3		
	ITP 251	Systems Analysis and Design or Science with lab <sup>6</sup>	4		
		Approved Humanities Elective <sup>7</sup>	3		
		<b>Total</b>	<b>66</b>		

<sup>1</sup>Students planning to transfer to a four-year college are encouraged to take MTH 163 or MTH 271/272.

<sup>2</sup>Students may select social science elective from approved list on Page 40. *Students pursuing the Bachelor of Applied Science degree at George Mason University are encouraged to take HIS 112 as their LFCC social science elective.*

<sup>3</sup>*Students pursuing the Bachelor of Applied Science degree at George Mason University are encouraged to take CST 100 or CST 110 to satisfy the Oral Communications requirement at GMU. ENG 115 will satisfy the IST degree requirement for LFCC.*

<sup>4</sup>Students are encouraged to satisfy the Approved IT Electives by completing one or more Career Studies Certificates (CSC). Students are encouraged to select courses within the "Specialist" CSC and then, when appropriate continue within the "Professional" CSC for a specific area. The following Career Studies Certificates are available: Cyber Security, Database Administration Specialist, Networking Specialist, Networking Engineering Professional, Software Development, Web Design Specialist and Web Applications Development Professional. See the list for specific courses within the CSCs in consultation with your advisor. Students must also formally complete an "Application for Graduation" for both the degree and applicable Career Studies Certificates upon graduation. *Students pursuing the Bachelor of Applied Science degree at George Mason University are encouraged to take ITN 260 and ITN 266 to satisfy GMU's IT 223 requirement.*

<sup>5</sup>Suggested courses for this IT elective: ITD 112, ITD 132, ITN 107, ITP 112, ITP 120 or other IT course with advisor approval.

<sup>6</sup>Students planning to transfer to a four-year college are encouraged to take a Science with lab from the approved list.

<sup>7</sup>Students may select humanities elective from approved list.

The College reserves the right to make changes to any provision or requirement within these sources, as well as changes to any curriculum or program, whether during a student's enrollment or otherwise.