Student Name: _____ ***Total Credit Hours: 67 - 74***

Information Technology: Electronic Commerce Option

Maysville Community & Technical College

Open Admissions

Associate in Applied Science

Program Coordinator: **Terry Pasley**

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Academic Plan Code: 1101017079 **Academic Sub Code: 110101703**

General Education & Support Classes *(21-22 credit hours)*		**Credit Hours**	**Semester Taken**
ENG 101	Writing I	3	
ENG 102	Writing II	3	
MAT 150	College Algebra	3	
Choose One Each *from General Education Area			
	Science Course with Lab*	4	
	Oral Communications*	3	
	Heritage/Humanities*	3	
	Social Interaction*	3	

Core Requirements *24-25 Credit Hours*		**Credit Hours**	**Semester Taken**
CIS 120	Program Design & Dev	3	
IT 170	Introduction to Database Design	3	
	Beginning Lvl Program Lang**	3	
	**Choose from list below		
Choose One Grouping			
IT 105	Comp Main Ess **AND**	3	
IT 205	Adv Comp Maintenance	3	
ET 232	Comp Soft Main **AND**	3	
ET 234	Comp Hdw Maintenance	3	
CIS 110	Operating Sys Con **AND**	3	
ET 234	Com Hdw Maintenance	3	
Choose One			
CIS 130	Microcomputer Applications	3	
ET 107	Computer Apps for Technicians	3	
Choose One			
NIS 160	Networking Core Technologies	3	
IT 120	Cisco Internetworking I	3	
Choose One			
IT 130	Web Site Design and Production	4	
IT 132	Web Page Development	3	

Beginning Level Programming Language Courses**		**Credit Hours**	**Semester Taken**
CIS 143	COBOL Programming	3	
CIS 148	Visual Basic I	3	
CIS 149	Java Programming I***	3	
CIS 155	C/C++ Programming I	3	
CS 115	Intro to Comp Programming	3	
IT 147	SQL Programming**	3	
NIS 150	Introduction to Perl*	3	
NIS 152	Introduction to JavaScript*	3	
*Suggested for Electronic Commerce Option			
**Cannot be used to fulfill technical core requirements			
***Suggested for transfer students			

Notes:

1. Required minimum ACT or COMPASS scores: see COMPASS Placement Scores in Master Advising
2. **CIS100 not required for credential, however if student has limited knowledge of Microsoft Office products, enrolling in CIS100 is suggested.**
3. Completion of MT065 suggested before enrolling in ACC201.
4. Certificates can be completed prior to or while earning degree. (See check sheets)

	Math	Reading	Writing
ACT	22	20	18
COMPASS	50 (Algebra)	85	74

E-Commerce Option Components *22-24 Credit Hours*		**Credit Hours**	**Semester Taken**
ACC 201	Financial Accounting	3	
BA 282	Principles of Marketing	3	
BA/CIS 151	Intro to E-Commerce	3	
IT 130***	Web Graphics and Multimedia	3	
IT 230	Advanced Web Page Design	3	
IT 235	Data-Driven Web Design	3	
IT 291	E-Com Practicum: Site Implementation	3	
Choose One			
B&E 100	Intro to Business & Economics	1	
BA 160	Introduction to Business	3	
***Both IT 130 and IT 132 **MUST** be taken to satisfy degree requirements.			

Description
The Information Technology Program offers an Associate in Applied Science degree and certificates in Information Technology Fundamentals, Computer Programming, Database Administration, Electronic Commerce, GIS Essentials, Information Security, Computer Support Specialist, Network Administration, and Web Development. This curriculum is supported by a solid foundation of core courses that focus on problem-solving and communication skills for Information Technology professionals involved in computer network environments. The program provides opportunities for practitioners in a variety of career fields to obtain knowledge and skills that enable them to adapt technology use to specific needs in their field of study.

Students entering this program will need to have basic computer skills such as would be obtained through CIS 100 (Introduction to Computers) or equivalent.

Electronic Commerce option/certificate:
Upon completion of this option/certificate, the graduate can:

1. Demonstrate a basic knowledge of business concepts.
2. Develop an effective marketing plan.
3. Identify key concepts of consumer behavior and customer service.
4. Demonstrate understanding of basic accounting principles for transaction processing and record keeping.
5. Use electronic media tools to plan for opportunities and changes in business operations.
6. Use appropriate software to create, edit and enhance graphics, video and sound for use in a web page.
7. Create interactive web pages using scripting.
8. Import digital multimedia into web sites.
9. Use appropriate scripting technologies to enhance a web site.
10. Integrate data-based information into web pages.
11. Install and configure a web server.
12. Design a functional and attractive e-commerce web site.

The Electronic Commerce Option/Certificate provides training in designing, deploying, and managing an Internet e-commerce site. This option will prepare students for careers as web page designers, web masters, or web site managers of a web-based business. A capstone class in web site implementation will encompass all facets of the program of study, and will provide experience and a job portfolio.

Total Credit Hours: 67 - 74