

Student Name: _____

Computer & Information Technologies:

Business Software and Support Track (60 Total Credit Hrs)

Maysville Community & Technical College

Open Admissions

Associate in Applied Science (AAS) Degree

Sharon Staviski, Program Coordinator

Phone: (606)-783-1538 ext. 66318 Office: 206E Rowan Campus

Email: Sharon.staviski@kctcs.edu

Academic Plan Code: 1101017089 Academic Sub Code: 110101717

Academic Program Code: ENTC

General Education (15 credit hours)		Credit Hours	Semester Taken
ENG 101	Writing I	3	
MAT 126	Technical Algebra and Trigonometry (or higher)	3	
* Choose (1) Course from the General Education Area			
	*Natural Sciences Course	3	
	*Heritage / Humanities Course	3	
	*Social / Behavioral Sciences Course	3	
Subtotal		15	

Notes:

- It is the responsibility of the student to notify their Advisor of changes they have made to their class schedule. Failure to do so could result in a delayed graduation date or ineligibility for graduation. (*Examples: Online registration, drop/add, or change of class sequence.*)
- Students that are currently taking Developmental Math Courses should work towards completing MAT 126 as soon as possible.
 - MAT 65 must be completed before enrolling into a Level I Networking course; OR Consent of Instructor.
 - MAT 85 must be completed before enrolling into CIT 111 and/or CIT 120; OR Consent of Instructor.
 - MAT 126 is suggested as an approved Quantitative Reasoning course, which must be completed before enrolling into CIT 170; OR Consent of Instructor.
- Certificates may also be completed prior to or while earning an AAS degree. (Refer to MCTC's CIT Program Website).
- AAS Degrees can be transferable to Four-Year Institutions that offer a Baccalaureate Degree. Students should consult their Advisor or Program Coordinator regarding Transfer Agreements.
- Students may only use a course with a grade of "C" or higher to fulfill a core or track graduation requirement.
- In order to obtain an AAS Degree, students are required to maintain a minimum cumulative GPA of 2.0.
- Required minimum ACT, TABE, KYOTE or COMPASS placement scores for general education courses are listed below.

	Math	Reading	Writing
ACT	19	20	18
COMPASS	ALG 25	85	74
KYOTE	CA 14 or higher	N/A	N/A
TABE	N/A	12.2-12.9	12.8.12.9

Core Requirements		Credit Hours	Semester Taken
CIT 105	Introduction to Computers	3	
CIT 111	Computer Hardware and Software	4	
CIT 120	Computational Thinking	3	
CIT 170	Database Design Fundamentals	3	
CIT 180	Security Fundamentals	3	
	Approved Level I Networking Course	4	
	Approved Level I Programming Language Course	3	
CIT 293	CIT Employability Studies	1	
Subtotal		24	

Approved Level I Programming Language Courses (Choose (1) Course)		Credit Hours	Semester Taken
CIT 140	JavaScript I	3	
CIT 141	PHP I	3	
CIT 142	C++ I	3	
CIT 143	C# I	3	
CIT 144	Python I	3	
CIT 145	Perl I	3	
CIT 147	Programming I: Language	3	
CIT 148	Visual Basic I	3	
CIT 149	Java I	3	
CIT 171	SQL I	3	
	University Level I programming language as approved by Program Coordinator	3-4	

Business Software and Support Track (9 Credit Hours)		Credit Hours	Semester Taken
CIT 130	Productivity Software	3	
CIT 234	Advanced Productivity Software	3	
CIT 236	Adv Data Organization	3	
	Approved Bus or Mgt Course	3	
Completion of one sequence from back:		9	
Track Subtotal		21	

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Business Software Specialist Sequence (9 Credit Hours)		Credit Hours	Semester Taken
CIT 171	SQL I	3	
	Approved CIT Technical Course	3	
	Approved Management or Business Course	3	
	Subtotal	9	

****Technical Course Notes:**

- May choose any CIT Course(s), (EXCEPT CIT 103), or other courses approved by Computer & Information Technologies Program Coordinator.
- Students may choose CIT 290 or COE 199 for a maximum of 3 credit hours.
- Students may NOT use one course to fulfill multiple requirements

Computer Support Sequence (9 Credit Hours)		Credit Hours	Semester Taken
CIT 232	Help Desk Operations	3	
	Approved CIT Technical Course	3	
	Approved CIT Technical Course	3	
	Subtotal	9	

Program Description

The **Computer Information Technology (CIT)** program includes tracks in Applications, Information Security, Internet Technologies, Network Administration, Network Technologies, and Programming, with a core of courses common to all. The core includes a general education component essential to a collegiate education and a technical component giving students an introduction to information systems, computer applications, program development, system maintenance, networking, security, Internet technologies, database design, and collaborative system development. In addition to core courses, students take specialty courses for their selected track.

Software Support Sequence (9 Credit Hours)		Credit Hours	Semester Taken
ENG 102	Writing or Oral Communications	3	
CIT 150	Internet Technologies OR	3	
CIT 155	Web Page Development OR	3	
CIT 157	Web Design and Production	3	
CIT 253	Data-Driven Web Pages: Topic	3	
	Subtotal	9	

The Business Software and Support Track emphasizes several aspects of application software. It includes such productivity applications as: word processing, spreadsheets, database management, presentation, geographic information systems, website development/maintenance, and help desk tracking systems. Completion of this track will prepare students to work with computer-based systems in business and industry.

Business Software Specialist - Designed to train students to operate a wide variety of software packages and to assist businesses in developing and maintain databases, producing financial statements, and developing applications using various software packages .

Computer Applications Support - Provides an in-depth knowledge of application software, computer system configurations, Help Desk Tools/Software, end-user documentation, user training, and other user support skills.

Software Support - Provides an in-depth knowledge of application software, computer system configurations, and data driven websites.

Total Credit Hours: 60