



**INFORMATION TECHNOLOGY  
ASSOCIATE OF APPLIED BUSINESS**

**MANAGEMENT INFORMATION SYSTEMS**

**MEDICAL INFORMATICS OPTION (5012)**

<b>Technical Course</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed Sem./Year</b>
ECA143	Planning, Designing and Implementing an Imaging System	3	
ECA144	Desktop, LAN, and WAN Technologies	3	
ECA147	MCAS: Using Microsoft Office Word, Excel, PowerPoint, Access	3	
ECA148	Microsoft Excel: Analyzing Data to Make Better Decisions	3	
ECA150	Informatics	3	
ECA152	Microsoft Access: Designing Robust Applications	3	
ECA294	MCAS: Using Microsoft Vista, Outlook and Publisher	3	
ECA228	Internet/Intranet Design and Development (HTML, XHTML, and CSS)	3	
ECA253	Data Modeling and Database Design	3	
ECA255	MCTS: Managing Project with Microsoft Project	3	
ECA264	IT Project Management	3	
ECA265	Generating Reports for Decision Making	3	
ECA280	Advanced Informatics	3	
<b>TOTAL</b>		<b>39</b>	
<b>Basic/Related Course</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed Sem./Year</b>
ECA122	Computer Applications for Technical Professionals or (ECA170, ECA171, ECA172, and ECA173)	3	
BIO125	Medical Terminology	3	
HIT230	Healthcare Delivery in the U.S.	2	
ITD1XX	Information Technology Seminar	1	
ECA292	Information Technology Capstone	3	
MTH222	Statistics	3	
<b>TOTAL</b>		<b>15</b>	
<b>Non-Tech Course</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed Sem./Year</b>
ENG124	College Composition	3	
ENG221	Technical Report Writing	3	
COM121/122/123	Effective Speaking or Interpersonal Communication or Inter-group Communications	3	
	Select one (1) Arts/Humanities/Social Science elective from the list below	3	
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<b>TOTAL</b>		<b>15</b>	
<b>TOTAL CREDIT HOURS</b>		<b>69</b>	

Arts/Humanities/Social Science Electives: PSY121, PSY122, PSY123, PSY124, PSY221, PHL122, SOC121, SOC122, SOC123, SOC225, PSC121

FULL-TIME STUDENT - ADVISING NOTES

1. ACADEMIC ADVISING - Each student should make an appointment to see their advisor every semester before registering for classes. Please have your registration form completed, including the courses you would like to take, for this meeting.
2. COURSE SEQUENCE - The semester-by-semester listing below gives the normal scheduling option for full-time associate degree students who plan to finish in two years. Some courses can be scheduled as beginning courses in other semesters depending upon course availability and advisor's recommendation. Those whose preadmission test indicates the need for it should schedule Introduction to Algebra before College Algebra. Introduction to Algebra and selected technical and general studies courses are available summer term.
3. TECHNICAL ELECTIVES - Some programs provide for technical electives. Consult with your academic advisor to determine course availability.
4. BACHELOR'S DEGREE - In most of the associate degree programs, some courses may be applied toward a bachelor's degree in technology. Bachelor's degree requirements and course transferability are controlled by the institution to which the student plans to transfer. Please inform your advisor if you plan on completing a bachelor's degree after your SSCT information technology degree.

**MANAGEMENT INFORMATION SYSTEMS**

**MEDICAL INFORMATICS OPTION (5012)**

First Semester	Course Title	Credit Hours	Pre-requisite
BIO125	Medical Terminology	3	-
ITD1XX	Information Technology Seminar	1	-
ECA122	Computer Applications for Technical Professionals	3	-
ECA144	Desktop, LAN, and WAN Technologies	3	-
ECA228	Internet/Intranet Design and Development (HTML, XHTML, and CSS)	3	-
ENG124	College Composition	3	Test
<b>TOTAL</b>		16	
Second Semester	Course Title	Credit Hours	Pre-requisite
COM121/122/123	Effective Speaking or Interpersonal Communication or Intergroup Communications	3	None/None/ ENG124
ECA143	Planning, Designing, and Implementing an Imaging System	3	-
ECA147	MCAS: Using Microsoft Office (Word, Excel, PPT, Access)	3	ECA122
ECA148	Microsoft Excel: Analyzing Data to Make Better Decisions	3	ECA122
ECA253	Data Modeling and Database Design	3	-
<b>TOTAL</b>		15	
Summer Semester	Course Title	Credit Hours	Pre-requisite
ENG221	Technical Report Writing	3	ENG124
MTH222	Statistics	3	MTH100 or MTH125 or Test
	Arts/Humanities/Social Science Elective	3	-
<b>TOTAL</b>		9	
Third Semester	Course Title	Credit Hours	Pre-requisite
ECA150	Informatics	3	ECA253
ECA152	Microsoft Access: Designing Robust Applications	3	ECA122
ECA255	MCTS: Managing Projects with Microsoft Project	3	ECA122
ECA265	Generating Reports for Decision Making	3	ECA253
	Arts/Humanities/Social Science Elective	3	-
<b>TOTAL</b>		15	
Fourth Semester	Course Title	Credit Hours	Pre-requisite
ECA294	MCAS: Using Microsoft Vista, Outlook, and Publisher	3	ECA122
ECA264	IT Project Management	3	ECA122
ECA280	Advanced Informatics	3	ECA150
ECA292	Information Technology Capstone	3	Sophomore Status
HIT230	Healthcare Delivery in the U.S.	2	-
<b>TOTAL</b>		14	
<b>TOTAL CREDITS</b>		<b>69</b>	

**ECA292 should be taken in the last or next-to-last semester of enrollment**