COMPUTER INFORMATION SYSTEMS

ASSOCIATE IN ARTS (AA) DEGREE

DESCRIPTION: This program is designed for students who plan to continue their education in pursuit of a four-year degree in Computer Information Systems. The program includes all of the necessary courses to qualify for the MTA Articulation Agreement. All facets of business find computers in information systems to be essential. Qualified individuals are needed to relate the problem-solving abilities of a computer system to a company's operations. In this curriculum, students are preparing to work as computer programmers, programmer-analysis, network administrators, software application developers, database administrators, business intelligence analyst, web developers, software systems developers, or computer systems engineers in business and industry. The program helps prepare students for industry certifications.

GENERAL EDUCATION REQUIREMENTS   CREDITS: 36
ECN 231	ECONOMICS (MICRO) (3/3)	
ECN 232	ECONOMICS (MACRO) (3/3)	
ENG 111 *or*	ENGLISH COMPOSITION I (3/3) *or*	
ENG 121	ADVANCED ENGLISH COMPOSITION I (3/3)	
ENG 112 *or*	ENGLISH COMPOSITION II (3/3) *or*	
ENG 122	ADVANCED ENGLISH COMPOSITION II (3/3)	
	HUMANITIES/FINE ARTS REQUIREMENT (6/6)	
MTH 113	INTERMEDIATE ALGEBRA (4/4)	
	LABORATORY SCIENCE REQUIREMENT (4/5)	
	LABORATORY SCIENCE *or* NATURAL SCIENCE REQUIREMENT (4/5)	
PHL 228	INTRODUCTION TO ETHICS (3/3)	
PLS 221 *or*	AMERICAN GOVERNMENT REQUIREMENT (3/3)	
PLS 222		

CORE PROGRAM REQUIREMENTS   CREDITS: 25
BUS 262	PROJECT MANAGEMENT (3/4)	
CIS 140	INTRODUCTION TO MICROSOFT CLIENT OS (3/4) [A]	
CNS 150	NETWORKING FUNDAMENTALS (3/4) [A]	
CNS 170	PC REPAIR & MAINTENANCE (4/5) [A]	
CNS 180	INTRODUCTION TO MICROSOFT SERVER (3/4) [A]	
CNS 220	ADVANCED MICROSOFT SERVER (3/4) [A]	
CNS 230	INFORMATION SECURITY (3/4) [A]	
CNS 240	OPEN-SOURCE NETWORKING (3/4) [A]	

MINIMUM 61 CREDIT HOURS/71 CONTACT HOURS

NOTES:
[A] Included in occupational specialty.
GPA of 2.0 or higher must be maintained in occupational specialty courses

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SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEMESTER)   CREDITS: 16
CIS 140	INTRODUCTION TO MICROSOFT CLIENT OS (3/4)	
CNS 150	NETWORKING FUNDAMENTALS (3/4)	
CNS 170	PC REPAIR & MAINTENANCE (4/5)	
ENG 111 *or*	ENGLISH COMPOSITION I (3/3) *or*	
ENG 121	ADVANCED ENGLISH COMPOSITION I (3/3)	
	HUMANITIES/FINE ARTS REQUIREMENT (3/3)	

YEAR 1 (SPRING SEMESTER)   CREDITS: 14
CNS 180	INTRODUCTION TO MICROSOFT SERVER (3/4)	
ENG 112 *or*	ENGLISH COMPOSITION II (3/3) *or*	
ENG 122	ADVANCED ENGLISH COMPOSITION II (3/3)	
	LABORATORY SCIENCE *or* NATURAL SCIENCE REQUIREMENT (4/5)	
MTH 113	INTERMEDIATE ALGEBRA (4/4)	

YEAR 2 (FALL SEMESTER)   CREDITS: 15
BUS 262	PROJECT MANAGEMENT (3/4)	
CNS 220	ADVANCED MICROSOFT SERVER (3/4)	
CNS 230	INFORMATION SECURITY (3/4)	
CNS 240	OPEN-SOURCE NETWORKING (3/4)	
ECN 231	ECONOMICS (MICRO) (3/3)	

YEAR 2 (SPRING SEMESTER)   CREDITS: 16
ECN 232	ECONOMICS (MACRO) (3/3)	
	HUMANITIES/FINE ARTS REQUIREMENT (3/3)	
	LABORATORY SCIENCE REQUIREMENT (4/4-5)	
PHL 228	INTRODUCTION TO ETHICS (3/3)	
PLS 221 *or*	AMERICAN GOVERNMENT REQUIREMENT (3/3)	
PLS 222		