Effective: Summer 2015 **Last Updated: 4/16/2015**

College of Applied Science and Technology
COMPUTER INFORMATION SYSTEMS (244106AAB)

Programming Option

Associate of Applied Business Degree

http://www.uakron.edu/summitcollege/business_technology/computer-information-systems/index.dot

The following information has official approval of the **College of Applied Science and Technology**, but is intended only as a guide. Official degree requirements are established at the time of admission to the degree-granting college. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.*

Course in **bold** are core CIS courses. Non-bold, non-italicized courses are non-CIS core courses.
Italicized courses fulfill General Education requirements. Unless a course is specified, refer to the General Education guide at http://www.uakron.edu/advising/docs/General_Education_Guide.pdf.

1st Year	Fall Semester	Credit Hours	Prerequisites
2020:121	*English*	3	*Placement by Advisor*
2030:152 *2030:153*	*Technical Mathematics II* ***-AND-*** *Technical Mathematics III*	2 2	*Placement by Advisor* *2030:152 (must be passed with C- or better)*
2420:104	Intro. to Business in the Global Environment	3	
2440:121	**Introduction to Logic/Programming (Note a.)**	**3**	**2440:105 or placement test**
2440:140	**Internet Tools (Note a)**	**3**	**2440:105 or placement test**
Total		**16**	

1st Year	Spring Semester		
	Natural Science Requirement	4	
2420:103	Essentials of Management Technology	3	
2440:145	**Introduction to Unix/Linux (Note a)**	**3**	**2440:105 or placement test**
2440:170	**Visual BASIC (Note a & d)**	**3**	**2440:121**
2440:180	**Database Concepts (Note a & d)**	**3**	**2440:121**
Total		**16**	

2nd Year	Fall Semester		
2420:263 *7600:106* *7600:105*	*Professional Communications and Presentations* ***-OR-*** *Effective Oral Communication* ***-OR-*** *Introduction to Public Speaking*	3	*2020:121 or Permission*
2420:211	Basic Accounting I	3	
2440:210	**Client Server Programming (Note a & c)**	**3**	**2440:180**
2440:241	**Systems Analysis and Design (Note a & c)**	**3**	**2440:160/170/256 and 2440:180**
2440:256	**C++ Programming (Note a & c)**	**3**	**2440:121**
Total		**15**	

2nd Year	Spring Semester		
2040:240	*Human Relations*	3	
2040:247	*Survey of Basic Economics*	3	
2040:254 *2040:257* *2040:258* *2040:256*	*Black Experience 1619-1877* ***-OR-*** *Black Experience 1877-1954* ***-OR-*** *Black Experience 1954 to Present* ***-OR-*** *Diversity in American Society*	2	*2020:121 or 3300:112 or equivalent* *2020:121or 3300:112 or equivalent* *2020:121 or 3300:112 or equivalent* *2020:121 or 3300:112 or equivalent*
2420:202	Elements of Human Resource Management	3	
2440:160	**Java Programming (Note a & d)**	**3**	**2440:121**
2440:251	**CIS Projects (Note a & d)**	**3**	**2440:241**
Total		**17**	

	Total Credits for Degree	**64**	

POLICY ALERT: By the end of your first 48 credit hours attempted, you must have completed your REQUIRED General Education English, Math, and Communications (Speech) requirements

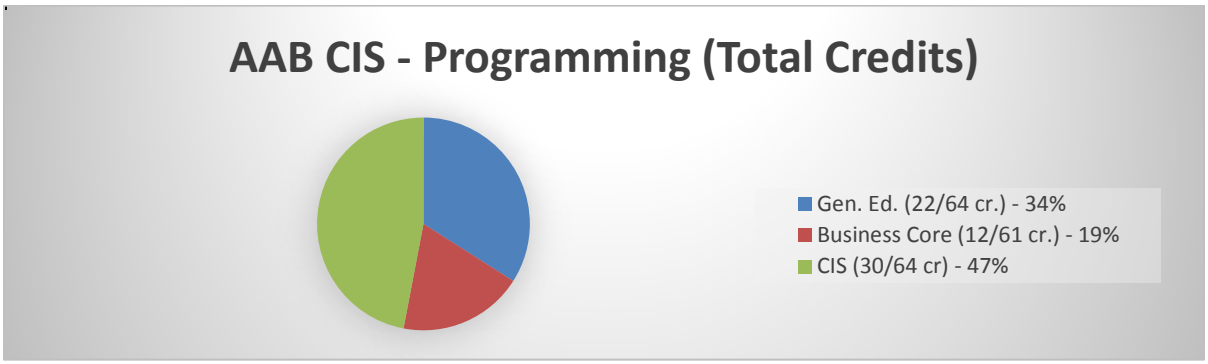
Must have a minimum cumulative GPA of a 2.0 to graduate with this degree

DEPARTMENT OF BUSINESS & INFORMATION TECHNOLOGY POLICY NOTES

a. Students must attain a "C" or better in each course in their CIS major area (2440).
b. The Dept. of Business and Information Technology requires a cumulative GPA of 2.0 and a minimum of 15 earned credit hours for Inter- and Intra-College Transfer into all Associate and Bachelor's degree programs.

NOTES

c. Traditionally Fall Only (See Program Contact)
d. Traditionally Spring Only (See Program Contact)
e. Additional classes may be needed to transition into a B.S. degree in Computer Information Systems



PROGRAM CONTACT

- Dr. Zarreen Farooqi (zarreen@uakron.edu), 330-972-8858
- Enoch Damson (damson@uakron.edu), 330-972-7162

PROGRAM DESCRIPTION

CIS offers associate and baccalaureate programs that introduce students to basic computing concepts while allowing them to develop the basic skills required to begin a career. Courses start the student along the path for professional certifications. There are options, minors, and certificates available. CIS courses are taught in cutting edge computer labs so students can learn and practice skills.

The CIS program offers high level training for computer programmers and microcomputer application specialists. Schedules offer a range of day, evening and weekend classes.

CAREER INFORMATION

Graduates of the AAB/BS CIS program are expected to qualify for such positions as programmer trainees, programmer/analysts, software developers, computer operators, or network specialists in business, industry and government organizations.
For additional information please visit the Bureau of Labor Statistics www.bls.gov or visit the Career Center at the Student Union, Room 211 http://www.uakron.edu/career/

BACHELOR DEGREE PROGRAMS FROM THE DEPT. OF BUSINESS & INFORMATION TECHNOLOGY

Computer Information Systems – Networking Option
Computer Information Systems -- Specialized IT Applications
Computer Information Systems – Programming Option
Computer Information Systems – Web Development Option
Bachelor of Organizational Supervision

TRANSFER TO THE COLLEGE OF APPLIED SCIENCE & TECHNOLOGY

A student in University College can complete this transfer process through an appointment with an Academic Advisor, the Academic Advisement Center, Simmons Hall 205, 330-972-7430. Students in other Colleges can complete this transfer process by meeting with an Academic Advisor in the College in which they reside.

(Hoge/Farooqi/Damson)