

Student ID: _____

Student Name: _____

Advisor Name: _____

<http://catalog.aacc.edu>

Catalog: 2019-2020 CATALOG

Program Name: Planner for Explore Technology

PLANNER FOR EXPLORE TECHNOLOGY

TOTAL CREDIT HOURS: 60

PURPOSE: The courses on this planner are designed to lead students to a major listed. The listed majors may prepare for career entry or for transfer to 4-year colleges. Students who are interested in a 'Career Entry Major' but intend to transfer to a four-year college must consult with Academic Advising and may need to follow a transfer agreement (see Transfer Services.)

CODE: AA.TRANSFER.TECH

Career Entry Majors (A.A.S majors)

- Mobile Device Application Development
- Internet Application Development
- Information Systems Technology
- Database Administration
- Database Development
- Information Assurance and Cybersecurity - Digital Forensics
- Information Assurance and Cybersecurity - Networking
- Information Assurance and Cybersecurity - Security

Transfer Majors (A.S. majors)

- Computer Information Systems
- Computer Science Transfer

TERM 1

	COURSE NAME	CREDITS	TERM TAKEN	GRADE
ENGLISH	Choose one (1) English course from the following: <ul style="list-style-type: none">• ENG 101 - Academic Writing and Research 1• ENG 101A - Academic Writing and Research 1	3 Credit Hours		
MATHEMATICS	Choose one (1) Mathematics course from the following: <i>Notes: Students interested in Mobile Device Application and Internet Application Development must take MAT 145. Students interested in Computer Science Transfer must take MAT 191. Students interested in Computer Information Systems must take MAT 230. All other students may take MAT 137.</i> <ul style="list-style-type: none">• MAT 137 - College Algebra• MAT 145 - Precalculus 1• MAT 191 - Calculus and Analytic Geometry 1• MAT 230 - Elementary Calculus (For Business and Social Sciences)	3-4 Credit Hours		

COURSE NAME	CREDITS	TERM TAKEN	GRADE
ETHICS Take the following one (1) Ethics course: Note: This course meets the Arts & Humanities General Education Requirement <ul style="list-style-type: none"> CTP 194 - Ethics and the Information Age 	3 Credit Hours		
SOCIAL AND BEHAVIORAL SCIENCES Choose one (1) Social and Behavioral Sciences course: Note: The following are recommended courses that also meet the diversity requirement. <ul style="list-style-type: none"> AFA 214 - African American History (Crosslisted as HIS 214) AMS 102 - Introduction to Masculinity Studies (Crosslisted as GSS/SOC 102) GSS 101 - Introduction to Women's Studies HUS 150 - Introduction to Aging Studies (Crosslisted as SOC 150) SOC 111 - Introduction to Sociology 	3 Credit Hours		
EXPLORE Choose one (1) EXPLORE course from the following: Note: Each explore course will meet a requirement only in the major(s) listed next to it. <ul style="list-style-type: none"> CTA 100 - Computing and Information Technology (Information Systems Technology; also meets Technology Requirement) CTP 115 - Introductory Object-Oriented Program Analysis and Design (Computer Science, Information Systems Transfer, Database Development, Internet Application Development, Mobile Device Application Development) CTS 107 - Cyber Essentials (Security, Networking, Digital Forensics, Database Administration, Database Development; also meets the Technology requirement) 	3-4 Credit Hours		

TERMS 2-4

Below are the 43-45 credit hours of course requirements that should be met during Terms 2-4.

Students must meet with an Academic Advisor before choosing any of these classes:

3 credits of English General Education Requirement ENG 102 - Academic Writing and Research 2, 3 credits of Wellness General Education Requirement, 3 credits of Technology Requirement (if not already met in Term 1), 3 credits of Social & Behavioral Science GER (two different disciplines), 6-7 credits of Biological & Physical Sciences GER (including one lab), 3 credits of Arts & Humanities GER (two different disciplines), 12 credits from a single discipline, and electives. (Students must take the amount of elective credits to achieve a minimum of 60 credits that are required for this degree.)

RECOMMENDED COURSES:

Note: Each course will meet a requirement or elective only in the majors listed next to it.

- ART 170 - Web Design 1 (Internet Application Development)
- ART 262 - Image and Design (Mobile Device Application Development)
- BIO 135 - Principles of Nutrition (Digital Forensics, Networking, Security, Database Administration, Database Development)
- BPA 201 - Financial Accounting (Information Systems Transfer)
- CTA 115 - Personal Computer Database Management Systems (Information Systems Technology, Database Administration, Database Development)
- CTA 116 - Personal Computer Spreadsheet Applications (Information Systems Technology)
- CTP 118 - Web Development using HTML/CSS (Internet Application Development, Mobile Device Application Development)
- CTP 145 - Relational Databases and SQL (Computer Science Transfer, Database Administration, Database Development)
- CTP 150 - Computer Science 1 (Computer Science Transfer, Information Systems Transfer, Internet Application Development, Mobile Device Application Development)
- CTS 110 - Network Essentials (Information Systems Technology, Digital Forensics, Networking, Security, Database Administration)
- CTS 111 - Personal Computer Word Processing Applications (Information Systems Technology)
- CTS 120 - Introduction to UNIX/LINUX (Networking, Security)
- CTS 170 - Digital Forensics 1 (Digital Forensics)
- MAT 192 - Calculus and Analytic Geometry 2 (Computer Science Transfer)

OR courses from the EXPLORE list in Term 1