

Student ID: \_\_\_\_\_

Student Name: \_\_\_\_\_

Advisor Name: \_\_\_\_\_

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**Catalog:** 2022-2023 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 Management
- Information Assurance and Cybersecurity - Digital Forensics
- Information Assurance and Cybersecurity - Networking
- Information Assurance and Cybersecurity - Security

## Transfer Majors (A.S. majors)

- Information Systems Transfer
- Computer Science Transfer
- Cloud Computing Transfer
- Data Science Transfer
- Management Information Systems

## TERM 1

COURSE NAME	CREDITS	TERM TAKEN	GRADE
<p><b>ENGLISH</b></p> <p><b>Choose one (1) English course from the following:</b></p> <ul style="list-style-type: none"> <li>• ENG 101 - Academic Writing and Research 1</li> <li>• ENG 101A - Academic Writing and Research 1</li> </ul>	3 Credit Hours		
<p><b>MATHEMATICS</b></p> <p><b>Choose one (1) Mathematics course from the following:</b></p> <p><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 Information Systems Transfer must take MAT 230. All other students may take MAT 137. Students interested in Data Science must take MAT 135. Students interested in Management Information Systems may take any Gen Ed math.</i></p> <ul style="list-style-type: none"> <li>• MAT 137 - College Algebra</li> <li>• MAT 145 - Precalculus 1</li> <li>• MAT 191 - Calculus and Analytic Geometry 1</li> <li>• MAT 230 - Elementary Calculus (For Business and Social Sciences)</li> <li>• MAT 135 - Statistics</li> </ul>	3-4 Credit Hours		

COURSE NAME		CREDITS	TERM TAKEN	GRADE
ETHICS	<p><b>Take the following one (1) Ethics course:</b></p> <p><b>Note: This course meets the Arts &amp; Humanities General Education Requirement</b></p> <ul style="list-style-type: none"> <li>CTP-194 - Ethics and the Information Age</li> </ul>	3 Credit Hours		
SOCIAL AND BEHAVIORAL SCIENCES	<p><b>Choose one (1) Social and Behavioral Sciences course:</b></p> <p><b>Note: The following are recommended courses that also meet the diversity requirement.</b></p> <ul style="list-style-type: none"> <li>AFA-214 - African American History (Crosslisted as HIS 214)</li> <li>AMS-102 - Introduction to Masculinity Studies (Crosslisted as GSS/SOC 102)</li> <li>GSS-101 - Introduction to Women's Studies</li> <li>HUS-150 - Introduction to Aging Studies (Crosslisted as SOC 150)</li> <li>SOC-111 - Introduction to Sociology</li> </ul>	3 Credit Hours		
EXPLORE	<p><b>Choose one (1) EXPLORE course from the following:</b></p> <p><b>Note: Each explore course will meet a requirement only in the major(s) listed next to it. These courses meet the technology requirement.</b></p> <ul style="list-style-type: none"> <li>CTA-100 - Computing and Information Technology (Information Systems Technology, Management Information Systems)</li> <li>CTP 103 - Theories and Applications of Digital Technology (Database Management, Internet and Mobile Device Applications Development, Management Information Systems)</li> <li>CTP-115 - Introductory Object-Oriented Program Analysis and Design (Computer Science, Information Systems Transfer, Database Development, Internet Application Development, Mobile Device Application Development, Data Science, Management Information Systems)</li> <li>CTS-107 - Cyber Essentials (Security, Networking, Digital Forensics, Database Administration, Database Development; Cloud Computing Technology)</li> </ul>	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, Cloud Computing Technology)
- 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, Data Science Transfer)
- CTP-160 - Python (Data Science Transfer, Information Systems Transfer)
- CTS-110 - Network Essentials (Information Systems Technology, Digital Forensics, Networking, Security, Database Administration, Cloud Computing Technology)
- 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, Data Science Transfer)

OR courses from the EXPLORE list in Term 1