

PROGRAM AND AWARD PLANNING FORM

Program: Computer Information Systems Technology-Software Development Option (SDO)
Award: Associate in Applied Science Degree
Catalog: 2019-2020

STUDENT NAME _____ **STUDENT NUMBER** _____

Semester/Year	Grade	General Education and Core Requirements	HRS
_____	_____	**Entering students are required to complete ORI 107. Transfer students are exempt from this requirement.	
_____	_____	Area I: Written Composition	3
_____	_____	**ENG 101 English Composition I	3
_____	_____	Area II: Humanities and Fine Arts	3
_____	_____	Fine Arts Elective: Choose one from among: ART 100 Art Appreciation MUS 101 Music Appreciation PHL 106 Introduction to Philosophy PHL 206 Ethics and Society REL 100 History of World Religions REL 151 Survey of the Old Testament REL 152 Survey of the New Testament	
_____	_____	Area III: Natural Sciences and Mathematics	7
_____	_____	MTH 100 Intermediate College Algebra	3
_____	_____	Choose ONE from among:	4
_____	_____	Natural Science Course from: Biological Science, Chemistry, Environmental Science, Physics, or Physical Science	
_____	_____	Area IV: History, Social and Behavioral Science	3
_____	_____	Choose one from among: HIS 101 Western Civilization I HIS 102 Western Civilization II HIS 201 United States History I HIS 202 United States History II ECO 231 Principles of Macroeconomics ECO 232 Principles of Macroeconomics GEO 100 World Regional Geography POL 211 American National Government PSY 200 General Psychology PSY 210 Human Growth and Development SOC 200 Introduction to Sociology	
		General Core Requirements	16

		Area V: Technical Concentration and Electives	60
_____	_____	CIS 146 Microcomputer Applications	3
_____	_____	**CIS 147 Advanced Microcomputer Applications	3
_____	_____	*CIS 148 Post Advanced Microcomputer Applications	3
_____	_____	***CIS 155 Mobile App Development	3
_____	_____	CIS 157 Introduction to APP Development with Swift	3
_____	_____	*CIS 199 Network Communications	3
_____	_____	*CIS 202 Python Programming	3
_____	_____	*CIS 205 Control Language Utilities and Applications	3
_____	_____	***CIS 207 Introduction to Web Development	3
_____	_____	**CIS 209 Advanced Web Development	3
_____	_____	CIS 220 App Development with Swift	3
_____	_____	CIS 227 App Development with Swift II	3
_____	_____	***CIS 245 Cyber Defense	3
_____	_____	****CIS 249 Microcomputer Operating Systems	3
_____	_____	**CIS 251 C++ Programming	3
_____	_____	***CIS 255 JAVA Programming	3
_____	_____	**CIS 263 Computer Maintenance	3
_____	_____	**CIS 280 Network Security	3
_____	_____	****CIS249 is offered only in the fall and summer	3
_____	_____	CIS 297 CO-OP for CIS	3
		General Education Core	15
		Technical Concentration	60
		Total Semester Credit Hours	75

* Offered summer semester only.

**Keyboarding skills are essential for the successful completion of English 101 and CIS classes.

***Offered only in the fall.

****CIS 249 offered only in the fall and summer.

Student's Signature

Date

Advisor Signature

Date