## 2019-2020 Contract of Study: Course Requirements & Suggested Sequence
### Computer Programming - AAS – 64 Credits (62 w/out IAS)

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### Pre-Program Requirements
- Math Comp

### First Semester:
- IAS 1005 Metamorphosis 2 Required of all first-time, full-time students
- ENG 1001 Composition I 3
- CPT 1300 Introduction to Computer Science 3 Offered fall only
- CPT 1301 Logic & Problem Solving (with a C or better) 3 Offered fall only
- MAT **or** CPT 1161 Networking Essentials 3 Offered fall only
- A Liberal Arts elective* 3

### Second Semester: 15-18
- SCI **or** CPT 2216 C++ & Object Oriented Programming 4 Offered spring only
- CPT 1405 Programming in Visual Basic 4 Offered spring only
- ENG 1301 OR COM 1305 Fundamentals of Speech OR Intercultural Communication 3
- CPT 1408 Web Design and Development 3 Offered spring only

### Third Semester: 17
- CPT 2211 Database Management 4 Offered fall only
- CPT 2301 or CPT Internship in Computing or CPT elective 3
- CPT 1161 Networking Essentials 3 Offered fall only
- PED **or** CPT Elective A course with a PED prefix 1

### Fourth Semester: 15
- CPT 2607 Data Structures 4 Offered spring only
- CPT 2611 Systems Analysis 4 Offered spring only
- CPT 2040 Mobile Application Programming 4 Offered spring only
- Elective A Liberal Arts elective* 3

### GRADUATION
- Degree date: 15
- Total Credits Earned: 64

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* All AAS degrees require ENG 1001 Composition I, ENG 1301 Fundamentals of Speech OR COM 1305 Intercultural Communication, a 4 credit science course with lab and a minimum of 10 additional Liberal Arts credits from at least two other areas of study. Liberal Arts prefixes: ANT, ECO, ENG, FLA, GEO, HIS, HON, HUM, MAT, POL, PSY, SCI, and SOC. COM 1301, Interpersonal Communications, COM 1305, Intercultural Communication, COM 2110, Intro to Media Communications, CPT 1210, Computer Literacy, CPT 1301, Logic and Problem Solving, CRJ 1115, Introduction to Criminal Justice, and THE 1700, Theater History I are also classified as liberal arts.

**NOTE:** See College Catalog for math competency requirement.

**By signing this contract, I commit myself to study and work until I have successfully completed my academic goals. My advisor acknowledges my commitment and pledges to support my endeavors.**

Student Signature: ___________________________ Date: ___________________________