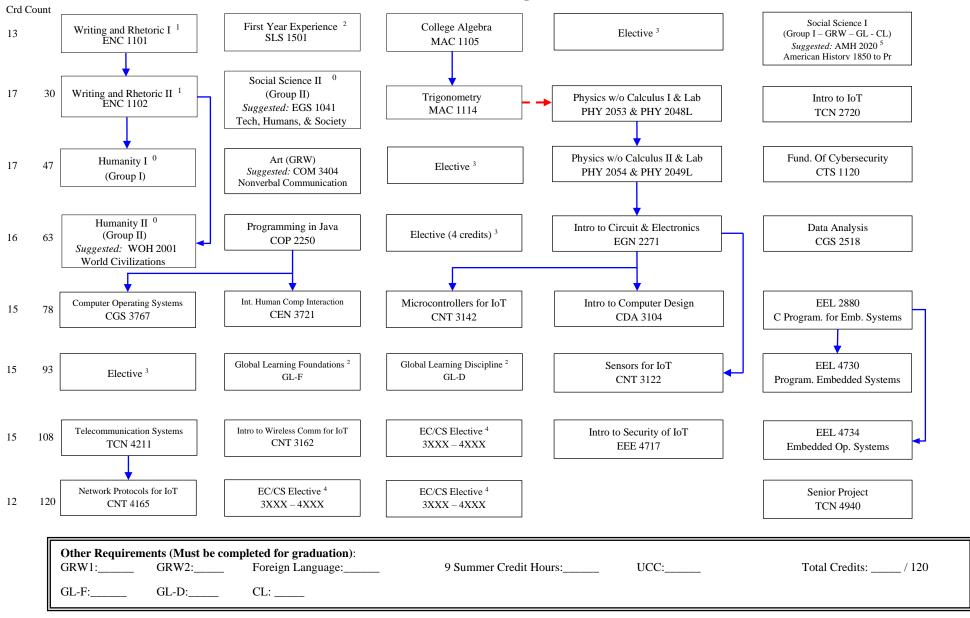
Internet of Things Flowchart



⁰ List of alternative courses can be found: <u>https://acs.fiu.edu/offices-services/advising/university-core-curriculum-updated-6-17-20.pdf</u>

¹ Students w/> 30 transfer credits may be able to substitute ENC 1101 & ENC 1102 with: 1) ENC 2304 and 2) then one of the following: ENC 3213, ENC 3249, ENC 3311 or ENC 3314

- ² Students who satisfied their Global Learning requirements through the University Core Curriculum, can replace these courses with any general elective (1000-4000 level)
- ³ Students are required to complete at least 19 credits of general electives (1000-4000 level).
- ⁴ Students are required to complete at least 9 credits of EC/CS electives from the list below.
- ⁵ Satisfies CIVICS LEARNING (CL) requirement.

*Starting in Fall 2010 Freshman and Transfer Students will have to complete 6 credit hours (2 classes) that will satisfy the Global Learning Requirement.

NOTE: Any student found to be taking any course without its prerequisite or co-requisite will be dropped from the course without a refund.

EC/CS Electives

Students are required to complete at least 9 credits of EC/CS electives from the list below.

| • | EEL 3370 | C++ Programming for Embedded Systems |
|---|----------------------|--|
| • | EEL 4734 | Embedded Operating Systems |
| • | EEL 4831 | Embedded GUI Programming |
| | TCN 4081 | Talagemmunication Network Security |
| • | | Telecommunication Network Security |
| • | TCN 4212 | Telecomm. Network Analysis & Des. |
| • | TCN 4431 | Principles of Network Management and Control Standards |
| • | EEL 4806 | Ethical Hacking & Countermeasures |
| • | EEL 4802 | Intro to Digital Forensics Engineering |
| • | EEL 4804 | Intro Malware Reverse Engineering |
| • | EEE 4754 | Intro to Mobile Forensics |
| • | EEE 4750 | Intro to Image & Video Forensics |
| ٠ | EEE 4752 | Intro to Network Forensics & Incident Resp. |
| • | CNT 3143 | IoT & Analytics w/ Cloud Services |
| • | CNT 4145 | Sensor IoT Analytics |
| • | CNT 4145 CNT 4147 | IoT & Sensor Big Data Analytics |
| • | CNT 4147 CNT 4149 | Sensor & IoT Data Ana. w/ Deep Learning |
| • | CNT 4151 | IoT & Sensor Data Visualization |
| • | CNT 4151 CNT 4153 | IoT Applied Machine Learning |
| • | CNT 4155 | IoT & Sensor Programming w/ Python |
| • | CNT 4185 | Internet of Things Privacy |
| • | CNT 4188 | Internet of Things Forensics |
| | | |
| • | COP 4610 | Operating Systems Principles |
| • | COP 4655 | Mobile Application Development |
| ٠ | COT 3100 | Discrete Structures |
| ٠ | COP 3337 | Programming II |
| • | COP 3530 | Data Structures |
| ٠ | COP 4338 | Systems Programming |
| | | |