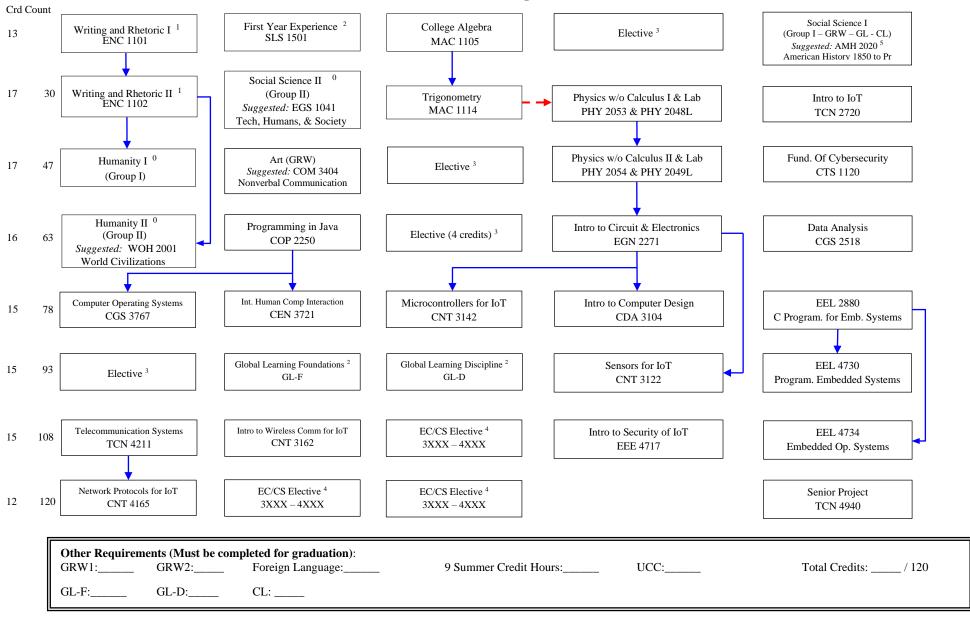
## **Internet of Things Flowchart**



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

<sup>1</sup> 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

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