Bachelor of Science in **Computer Engineering** for Students Who Began Fall 2017 and Later

**SEMI-CORE Course Options**
Select FOUR of the following:

- CDA 4210 Intro to VLSI
- CNT 4104 Intro to Data Communications
- CNT 4713 Computer Network Projects
- CDA 4302 Structured Computer Arch
- CDA 4630 Intro to Embedded Systems
- COP 4655 Mobile App Projects
- CEN 4400 Intro Cptr Sys Perf Eval

**TECHNICAL ELECTIVES:**
To be chosen from CS and CE upper division courses that are not in the CE core.

- CAP 4034 Computer Animation
- CAP 4401 Digital Image Processing
- CAP 4630 Intro to Artificial Intelligence
- CAP 4770 Data Mining & Mach Intelligence
- CEN 4214 Software-Hardware Co-Design
- CEN 4910 SW Engineering Project
- CNT 4403 Intro to Data & Network Security
- COP 3540 Intro to Database Structures
- COP 3813 Intro to Internet Computing
- COP 4814 Web Services
- COP 4020 Programming Languages
- COP 4331 Object-Oriented Design & Prog.
- COP 4367 Graphical App. Development
- COP 4703 Applied Database Systems
- COP 4854 Cutting Edge Web Tech
- COT 4400 Design & Analysis of Algorithms
- COT 4420 Formal Lang. & Automata Theory

**OTHER REQUIREMENTS:**
- A Grade of “C” or Better is Required in all Courses
- At Least 124 Credits Total
- Gordon Rule Math/Writing Across Curriculum
- At Least 45 Upper Division Credits
- At Least 31 Credits from FAU
- Foreign Language Admission Requirement
* Course can only be taken during senior year.
The senior project must indicate substantial amount of work in the CSE areas either in a multi-disciplinary / single-discipline project.

Requirements to Declare Computer Engineering Major: Grade of “C” or better in MAC2311, MAC2312 & PHY2048

* Course Required for admission to MSCS program (see advisor and catalog for more details)

This flowchart is reviewed periodically and is subject to change as new requirements become necessary to educate engineers. The information is intended to inform and is not a replacement for a degree audit conducted with an academic advisor.

Revised 6/2020