



DEPARTMENT OF COMPUTER & ELECTRICAL ENGINEERING & COMPUTER SCIENCE

College of Engineering & Computer Science
Florida Atlantic University

DEGREE REQUIREMENTS:

Minimum Credits: 124 (Typical Credits: 136)

1. General requirements for transfer students, general education requirements and foreign language admission requirements
2. Satisfy all degree requirements for the department
3. A.S. degree in appropriate area of computing technology or .A.A. or equivalent at time of admission

Note: Students who have been in A.S. program MUST Complete A.S. degree.

Must take 12 credits selected from the following Information Engineering Technology courses

ELECTIVES:

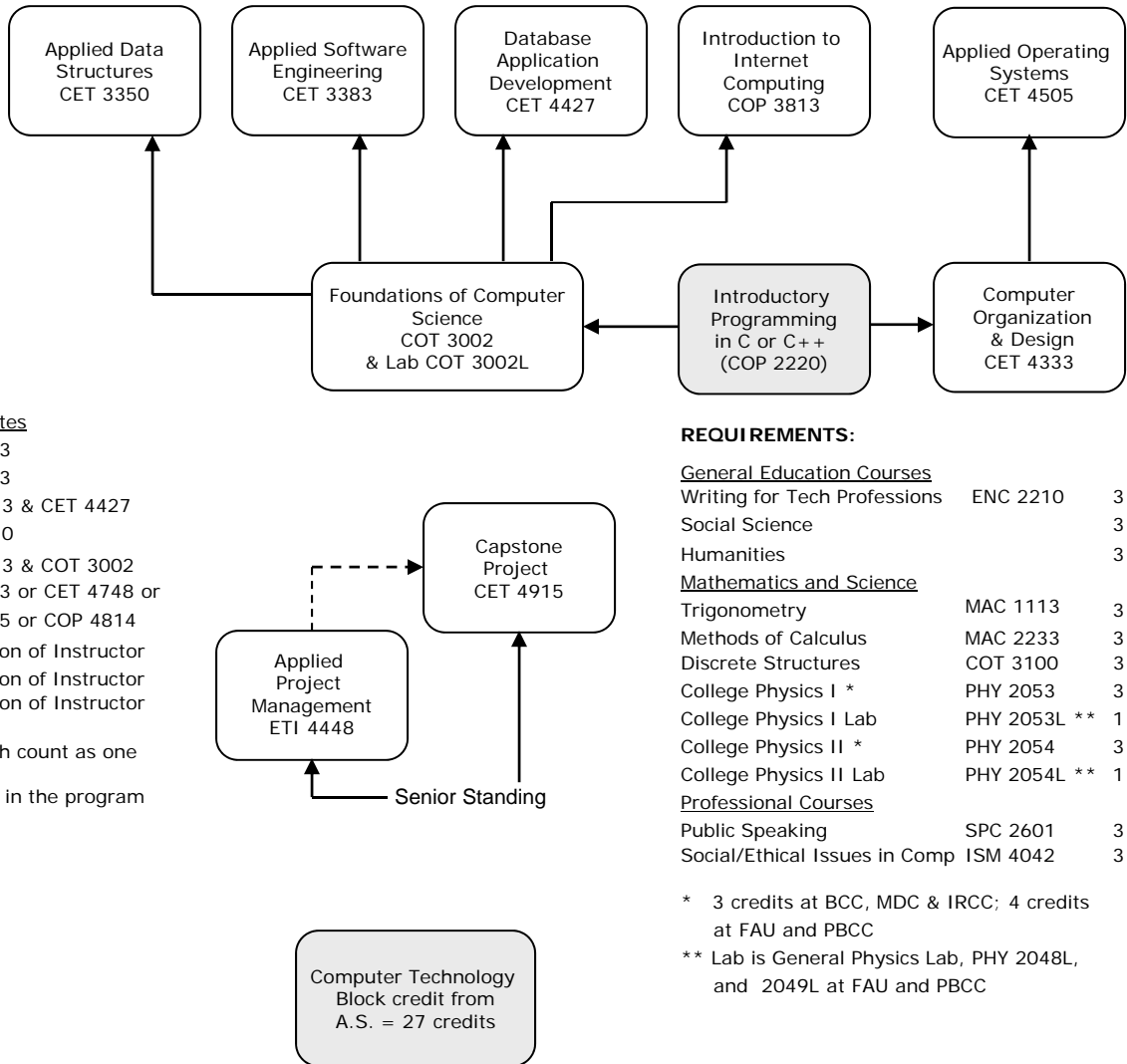
| | | <u>Prerequisites</u> |
|--|-----------|--|
| Introduction to Local Area Network Tech | CET 4483 | 3 CET 4333 |
| Introduction to Wide Area Network Tech | CET 4748 | 3 CET 4333 |
| Internet Computing II | CET 4589 | 3 COP 3813 & CET 4427 |
| Introduction to Data & Network Security | CIS 4363 | 3 COP 4610 |
| Web Services | COP 3814 | 3 COP 3813 & COT 3002 |
| Computer Networking Lab | CET 4741L | 3 CET 4483 or CET 4748 or CET 4915 or COP 4814 |
| Co-operative Education – IET* | CET 3949 | 3 Permission of Instructor |
| Topics in IET | CET 4930 | 1-3 Permission of Instructor |
| Directed Independent Study** | COT 4900 | 1-3 Permission of Instructor |
| Other CSE courses approved by advisor | | |
| • Three semesters of cooperative education – IET at one credit each count as one three-credit elective | | |
| ** At most one Directed Independent Study course may be included in the program | | |

TRANSFER CREDITS:

| | | |
|-------------------------|----------|---|
| College Writing I * | ENC 1101 | 3 |
| College Algebra | MAC 1105 | 3 |
| Introductory Statistics | STA 2023 | 3 |
| Social Science * | | 6 |
| Humanities * | | 6 |
| Free Electives | | 6 |

* Gordon Rule writing courses

Bachelor of Information Engineering Technology Program (BIET)



REQUIREMENTS:

General Education Courses

| | | |
|------------------------------|----------|---|
| Writing for Tech Professions | ENC 2210 | 3 |
| Social Science | | 3 |
| Humanities | | 3 |

Mathematics and Science

| | | |
|------------------------|--------------|---|
| Trigonometry | MAC 1113 | 3 |
| Methods of Calculus | MAC 2233 | 3 |
| Discrete Structures | COT 3100 | 3 |
| College Physics I * | PHY 2053 | 3 |
| College Physics I Lab | PHY 2053L ** | 1 |
| College Physics II * | PHY 2054 | 3 |
| College Physics II Lab | PHY 2054L ** | 1 |

Professional Courses

| | | |
|-------------------------------|----------|---|
| Public Speaking | SPC 2601 | 3 |
| Social/Ethical Issues in Comp | ISM 4042 | 3 |

* 3 credits at BCC, MDC & IRCC; 4 credits at FAU and PBCC

** Lab is General Physics Lab, PHY 2048L, and 2049L at FAU and PBCC

LEGEND:

← Required

◻ Shaded courses are transfer courses

← - - - - - Recommended

Revised 11/19/2009