Department of Electrical and Computer Engineering

Curriculum for students entering the Computer Engineering program in academic year

2020-2021*

| Computer Engineering | Credits = 129 |
|---|---|

Student Name GWID

Advisor Admit Date

FALL

First Semester Credits = 16

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 4 | CHEM 1111 | Gen.Chem. | | |
| 1 | ECE 1010 | Introduction | | |
| 3 | MATH 1231 | Single Var.I | | |
| 1 | SEAS 1001 | Orientation | | |
| 4 | UW 1020 | U.Writing | | |
| 3 | H/SS 1 | | | |
| | | | | |

SPRING

Second Semester Credits = 17

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | CSCI 1311 | Dic. Struct. | | |
| 1 | ECE 1020 | Introduction | | |
| 3 | ECE 1120 | C Program. | | |
| 3 | MATH 1232 | Single Var.II | | |
| 3 | PHIL 2135 | Ethics | | |
| 4 | PHYS 1021 | U.Phys.I | | |
| | | | | |

NOT FOR DEGREE

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

FALL

Third Semester Credits = 18

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | APSC 2113 | Diff.Eq./L.A. | | |
| 3 | ECE 1125 | Data Struct. | | |
| 4 | ECE 2110 | Circuit Th. | | |
| 1 | ECE 2120 | Seminar | | |
| 3 | MATH 2233 | Multivariable | | |
| 4 | PHYS 1022 | U.Phys.II | | |
| | | | | |

SPRING

Fourth Semester Credits = 17

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | APSC 3115 | Probability | | |
| 3 | CSCI 2113 | Soft. Eng. | | |
| 4 | ECE 2115 | Electronics | | |
| 4 | ECE 2140 | Logic Syst. | | |
| 3 | ECE 2210 | Sign./Syst. | | |
| | | | | |
| | | | | |

FALL

Fifth Semester Credits = 16

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 4 | ECE 3130 | Dig.Electr. | | |
| 3 | ECE 3220 | DSP | | |
| 3 | ECE 3515 | Comp. Org. | | |
| 3 | ECE 3520 | Microproc. | | |
| 3 | Tech Elect 1 | | | |
| | | | | |
| | | | | |

SPRING

Sixth Semester Credits = 15

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 4 | ECE 3135 | Dig.Dsgn. | | |
| 3 | ECE 3525 | Emb. Syst. | | |
| 1 | ECE 3915W | Capstone I | | |
| 3 | ECE 4415 | Comm.Nets. | | |
| 1 | ECE 4425 | Comm. Lab | | |
| 3 | Tech Elect 2 | | | |
| | | | | |

FALL

Seventh Semester Credits = 15

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | ECE 4140 | VLSI Dsgn. | | |
| 3 | ECE 4535 | Comp.Arch. | | |
| 3 | ECE 4920W | Capstone II | | |
| 3 | H/SS 2 | | | |
| 3 | Tech Elect 3 | | | |
| | | | | |
| | | | | |

SPRING

Eighth Semester Credits = 15

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | ECE 4150 | ASIC Dsgn. | | |
| 3 | ECE 4925W | Capstone III | | |
| 3 | H/SS 3 | | | |
| 3 | H/SS 4 | | | |
| 3 | Tech Elect 4 | | | |
| | | | | |
| | | | | |

| | |
|---|---|
| Cumulative GPA | #NAME? |
| Technical GPA | #NAME? |

* A Computer Engineering student who entered the program in AY 2020-2021 must follow this curriculum or any Computer Engineering curriculum following this one after getting approval to change the curriculum.

Department of Electrical and Computer Engineering

2020-2021*

| Computer Engineering | Credits = 129 |
|---|---|

| | | |
|---|---|---|
| Student Name | 0 | GWID: 0 |
| Advisor | 0 | Admit Date: 0 |

| Sem. Hrs. | Semester | Year | Sem. GPA | Initials / Date | Action |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |