Department of Electrical and Computer Engineering

Curriculum for students entering the Electrical Engineering - Energy Option program in academic year

2020-2021*

| Electrical Engineering - Energy Option | Credits = 128 |
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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 | | | |
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SPRING

Second Semester Credits = 17

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 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 | | |
| 3 | H/SS 2 | | | |
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NOT FOR DEGREE

| Hr | Course | Description | Grd | Date |
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FALL

Third Semester Credits = 18

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | APSC 2057 | Statics | | |
| 3 | APSC 2113 | Diff.Eq./L.A. | | |
| 4 | ECE 2110 | Circuit Th. | | |
| 1 | ECE 2120 | Seminar | | |
| 3 | MATH 2233 | Multivariable | | |
| 4 | PHYS 1022 | U.Phys.II | | |
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SPRING

Fourth Semester Credits = 17

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | APSC 2058 | Dynamics | | |
| 3 | APSC 2114 | Complx.Var. | | |
| 4 | ECE 2115 | Electronics | | |
| 4 | ECE 2140 | Logic Syst. | | |
| 3 | ECE 2210 | Sign./Syst. | | |
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FALL

Fifth Semester Credits = 16

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | APSC 3115 | Probability | | |
| 4 | ECE 3130 | Dig.Electr. | | |
| 3 | ECE 3220 | DSP | | |
| 3 | ECE 3315 | Flds.Wvs. I | | |
| 3 | ECE 3520 | Microproc. | | |
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SPRING

Sixth Semester Credits = 14

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 4 | ECE 3125 | Analog El. | | |
| 1 | ECE 3915W | Capstone I | | |
| 3 | ECE 4320 | Flds.Wvs. II | | |
| 3 | MAE 2131 | Thermodyn. | | |
| 3 | MAE 3134 | Vibration A. | | |
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FALL

Seventh Semester Credits = 15

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | ECE 4620 | Power Syst. | | |
| 3 | ECE 4710 | Controls | | |
| 3 | ECE 4920W | Capstone II | | |
| 3 | H/SS 3 | | | |
| 3 | Tech Elect 1 | | | |
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SPRING

Eighth Semester Credits = 15

| Hr | Course | Description | Grd | Date |
|---|---|---|---|---|
| 3 | ECE 3410 | Comm.Eng. | | |
| 3 | ECE 4610 | Conversion | | |
| 3 | ECE 4662 | Power Electr. | | |
| 3 | ECE 4925W | Capstone III | | |
| 3 | H/SS 4 | | | |
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| Cumulative GPA | #NAME? |
| Technical GPA | #NAME? |

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

Department of Electrical and Computer Engineering

2020-2021*

Electrical Engineering - Energy Option Credits = 128

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

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