



Electrical and Computer Engineering A.P.E. in 2 years

Engineering Department-Garth Sorensen-(435)283-7531-garth.sorensen@snow.edu

| ✕ | Course | Credits | Semester Offered | Online | Milestones |
|---|---|-----------|----------------------|--------|--|
| | Freshman (Semester 1) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | CS 1400 Programming Fundamentals | 3 | Fall, Spring | | |
| | CS 1405 Programming Fundamentals Lab | 1 | Fall, Spring | | |
| | ENGR 1000 Introduction to Engineering | 2 | Fall, Spring | | |
| | MATH 1210 Calculus I | 5 | Fall, Spring | | |
| | ENGL 1010 Introduction to Writing | 3 | Fall, Spring, Summer | X | |
| | General Education | 3 | Fall, Spring, Summer | X | |
| | Total Credits | 17 | | | |
| | Freshman (Semester 2) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | CS 1410 Object Oriented Programming | 3 | Spring | | |
| | CS 1410 Object Oriented Programming Lab | 1 | Spring | | |
| | ENGR 2700 Digital Circuits | 3 | Spring | | |
| | ENGR 2705 Digital Circuits Lab | 1 | Spring | | |
| | MATH 1220 Calculus II | 4 | Fall, Spring | | |
| | ENGL 2010 Intermediate Writing | 3 | Fall, Spring, Summer | X | |
| | Total Credits | 15 | | | |
| | Sophomore (Semester 1) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) Apply for graduation |
| | ENGR 2250 Analog Circuits | 3 | Fall | | |
| | ENGR 2255 Analog Circuits Lab | 1 | Fall | | |
| | MATH 2210 Multivariable Calculus | 3 | Fall, Spring | | |
| | PHYS 2210 Physics for Scientists and Engineers I | 4 | Fall | | |
| | PHYS 2215 Physics for Scientists and Engineers I Lab | 1 | Fall | | |
| | General Education | 4 | Fall, Spring, Summer | X | |
| | Total Credits | 16 | | | |
| | Sophomore (Semester 2) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) Declare Bachelor's degree major. |
| | ENGR 2010 Statics | 3 | Fall, Spring | | |
| | MATH 2270 Linear Algebra | 3 | Spring | | |
| | MATH 2280 Differential Equations | 3 | Spring | | |
| | PHYS 2220 Physics for Scientists and Engineers II | 4 | Spring | | |
| | PHYS 2225 Physics for Scientists and Engineers II Lab | 1 | Spring | | |
| | Technical Electives | 3 | Spring | | |
| | Total Credits | 17 | | | |

Notes:

For most recent information, students must contact their transfer institution directly.



Electrical and Computer Engineering A.P.E. 3 yrs.

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| ✘ | Course | Credits | Semester Offered | Online | Milestones |
|---|---|---------|----------------------|--------|---|
| | Freshman (Semester 1) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | MATH 1050 College Algebra | 4 | Fall, Spring Summer | X | |
| | MATH 1060 Trigonometry | 3 | Fall, Spring | | |
| | ENGL 1010 Introduction to Writing | 3 | Fall, Spring, Summer | X | |
| | General Education | 4 | Fall, Spring, Summer | X | |
| | Total Credits | 14 | | | |
| | Freshman (Semester 2) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | ENGR 1000 Introduction to Engineering | 2 | Fall, Spring | | |
| | MATH 1210 Calculus I | 5 | Fall, Spring | | |
| | ENGL 2010 Intermediate Writing | 3 | Fall, Spring, Summer | X | |
| | ENGR 2700 Digital Circuits | 3 | Spring | X | |
| | ENGR 2705 Digital Circuits Lab | 1 | Spring | | |
| | Total Credits | 13 | | | |
| | Sophomore (Semester 1) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | CS 1400 Programming Fundamentals | 3 | Fall, Spring | X | |
| | CS 1405 Programming Fundamentals | 1 | Fall, Spring | X | |
| | MATH 1220 Calculus II | 4 | Fall, Spring | X | |
| | PHYS 2210 Physics for Scientists and Engineers I | 4 | Fall | | |
| | PHYS 2215 Physics for Scientists and Engineers I Lab | 1 | Fall | | |
| | Total Credits | 13 | | | |
| | Sophomore (Semester 2) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | CS 1410 Object Oriented Programming | 3 | Spring | | |
| | CS 1415 Object Oriented Programming Lab | 1 | Spring | | |
| | MATH 2210 Multivariable Calculus | 3 | Fall, Spring | | |
| | PHYS 2220 Physics for Scientists and Engineers II | 4 | Spring | | |
| | PHYS 2225 Physics for Scientists and Engineers II Lab | 1 | Spring | | |
| | Total credits | 12 | | | |
| | Third Year (Semester 1) | | | | Apply for graduation. Declare Bachelor's degree major. |
| | ENGR 2250 Analog Circuits | 3 | Fall | | |
| | ENGR 2255 Analog Circuits Lab | 1 | Fall | | |
| | MATH 2270 Linear Algebra | 3 | Spring | | |
| | Technical Electives | 3 | Fall, Spring | | |
| | General Education | 3 | Fall, Spring, Summer | X | |
| | Total Credits | 13 | | | |
| | Third Year (Semester 2) | | | | Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) |
| | ENGR 2010 Statics | 3 | Fall, Spring | | |
| | MATH 2280 Differential Equations | 3 | Fall, Spring | | |
| | General Electives | 3 | Fall, Spring, Summer | | |
| | Electives | 3 | Fall, Spring, Summer | X | |
| | Total Credits | 12 | | | |

For most recent information, students must contact their transfer institution directly.