

Associate in Engineering

A.E. Degree (A10500)

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TOTAL HOURS FOR CREDENTIAL

| Class | Lab | Clinic | Work | Credit |
|-------|-----|--------|------|--------|
| 49 | 25 | 0 | 0 | 60 |

Fall I at Martin Community College

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|------------------------------|---------------|--------------|-----------|----------|----------|----------|-----------|
| ACA 122 | College Transfer Success | | | 0 | 2 | 0 | 0 | 1 |
| ECO 251 | Principles of Microeconomics | | | 3 | 0 | 0 | 0 | 3 |
| ENG 111 | Writing and Inquiry | See Catalog | | 3 | 0 | 0 | 0 | 3 |
| MAT 271 | Calculus I | MAT 172 | | 3 | 2 | 0 | 0 | 4 |
| | Humanities Elective | | | 3 | 0 | 0 | 0 | 3 |
| Semester Totals: | | | | 12 | 4 | 0 | 0 | 14 |

Spring I at Martin Community College

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|-------------------------------------|---------------|--------------|-----------|----------|----------|----------|-----------|
| CHM 151 | General Chemistry | | | 3 | 3 | 0 | 0 | 4 |
| ENG 112 | Writing/Research in the Disc | ENG 111 | | 3 | 0 | 0 | 0 | 3 |
| MAT 272 | Calculus II | MAT 271 | | 3 | 2 | 0 | 0 | 4 |
| | Behavioral/Social Sciences Elective | | | 3 | 0 | 0 | 0 | 3 |
| | Fine Arts/Communication Elective | | | 3 | 0 | 0 | 0 | 3 |
| Semester Totals: | | | | 15 | 5 | 0 | 0 | 17 |

Summer I

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|--------------|---------------|--------------|----------|----------|----------|----------|----------|
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| Semester Totals: | | | | 0 | 0 | 0 | 0 | 0 |

Fall II at Pitt Community College

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|--|---------------|--------------|-----------|----------|----------|----------|-----------|
| DFT 170 | Engineering Graphics | | | 2 | 2 | 0 | 0 | 3 |
| EGR 150 | Intro to Engineering | | | 1 | 2 | 0 | 0 | 2 |
| EGR 214 OR | Numerical Methods for Engin. OR | | | 3 | 0 | 0 | 0 | 3 |
| CSC 134 OR | C++ Programming OR | | | | | | | |
| CSC 151 | JAVA Programming | | | 2 | 3 | 0 | 0 | 3 |
| MAT 273 | Calculus III | | | 3 | 2 | 0 | 0 | 4 |
| PHY 251 | General Physics I | | | 3 | 3 | 0 | 0 | 4 |
| Semester Totals: | | | | 11 | 9 | 0 | 0 | 16 |

Spring II at Pitt Community College

| Course | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|-------------------------|---------------------------|---------------|--------------|-----------|----------|----------|----------|-----------|
| EGR 220 | Engineering Statics | | | 3 | 0 | 0 | 0 | 3 |
| GEL 111 OR | Geology OR | | | 3 | 2 | 0 | 0 | 3 |
| BIO 111 OR | General Biology OR | | | | | | | |
| CHM 152 | General Chemistry II | | | 3 | 3 | 0 | 0 | 3 |
| MAT 285 | Differential Equations | | | 2 | 2 | 0 | 0 | 3 |
| PHY 252 | General Physics II | | | 3 | 3 | 0 | 0 | 4 |
| | | | | | | | | |
| Semester Totals: | | | | 11 | 7 | 0 | 0 | 13 |

Other Course Information (if applicable)

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|--|--|--|--|--|--|--|--|--|
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