

## Associate in Engineering

A.E. Degree (A10500)

Daniel Price - 252-789-0209

Email: dp84764@martincc.edu



| TOTAL HOURS FOR CREDENTIAL |     |        |      |        |
|----------------------------|-----|--------|------|--------|
| Class                      | Lab | Clinic | Work | Credit |
| 49                         | 25  | 0      | 0    | 60     |

| 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         |
| <b>Semester Totals:</b> |                              |               |              | <b>12</b> | <b>4</b> | <b>0</b> | <b>0</b> | <b>14</b> |

### 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         |
| <b>Semester Totals:</b> |                                     |               |              | <b>15</b> | <b>5</b> | <b>0</b> | <b>0</b> | <b>17</b> |

### Summer I

| Course                  | Course Title | Prerequisites | Corequisites | Class    | Lab      | Clinic   | Work     | Credit   |
|-------------------------|--------------|---------------|--------------|----------|----------|----------|----------|----------|
|                         |              |               |              |          |          |          |          |          |
|                         |              |               |              |          |          |          |          |          |
|                         |              |               |              |          |          |          |          |          |
|                         |              |               |              |          |          |          |          |          |
| <b>Semester Totals:</b> |              |               |              | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

### 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 <b>OR</b>       | Numerical Methods for Engin. <b>OR</b> |               |              | 3         | 0        | 0        | 0        | 3         |
| CSC 134 <b>OR</b>       | C++ Programming <b>OR</b>              |               |              |           |          |          |          |           |
| 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         |
| <b>Semester Totals:</b> |  |               |              | <b>11</b> | <b>9</b> | <b>0</b> | <b>0</b> | <b>16</b> |

### 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 <b>OR</b>       | Geology <b>OR</b>         |               |              | 3         | 2        | 0        | 0        | 3         |
| BIO 111 <b>OR</b>       | General Biology <b>OR</b> |               |              |           |          |          |          |           |
| 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         |
|                         |                           |               |              |           |          |          |          |           |
| <b>Semester Totals:</b> |                           |               |              | <b>11</b> | <b>7</b> | <b>0</b> | <b>0</b> | <b>13</b> |

### Other Course Information (if applicable)

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