**Associate of Applied Science**

**Electrical Technology**

**Electrical Power Technician Concentration**

**Effective Fall 2019**

**Name:**   **NMU IN**# \_

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| --- | --- | --- | --- |
| **Course** | **Credits** | **Grade** | **Semester/Year** |
| **General Education**  **(17)** | | | |
| EN 111 College Composition | 4 |  |  |
| EN 211 College Composition II | 4 |  |  |
| MA 115 Precalculus | 4 |  |  |
| PH 201 College Physics I | 5 |  |  |
| **Major Courses (16)** | | | |
| ET 112 DC Circuit Analysis | 4 |  |  |
| ET 113 AC Circuit Analysis | 4 |  |  |
| ET 210 Discrete Semiconductors | 4 |  |  |
| ET 211 Digital Electronics | 4 |  |  |
| IT 010 Exit Seminar | 0 |  |  |
| **Technical Concentration (17)** | | | |
| ET 180 Substation Equipment | 4 |  |  |
| ET 255 Transformers | 4 |  |  |
| ET 270 3φ Power & Equipment | 4 |  |  |
| ET 280 Protective Relay Systems | 3 |  |  |
| IT 215 General Industrial Safety | 2 |  |  |
| **General Electives (As Needed to Reach 60 Credits)** | | | |
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**Total Credits Required: 60**

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| Fall Semester I |  |
| EN 111 College Composition I | 4 |
| ET 112 DC Circuit Analysis | 4 |
| MA 115 Precalculus | 4 |
| Elective | 4 |
| Semester Total | 16 |
| Winter Semester I |  |
| EN 211 College Composition II | 4 |
| ET 113 AC Circuit Analysis | 4 |
| ET 180 Substation Equipment | 4 |
| IT 215 General Industrial Safety | 2 |
| Semester Total | 14 |
|  |  |
| Fall Semester II |  |
| ET 210 Discrete Semiconductors | 4 |
| ET 255 Transformers | 4 |
| ET 270 3φ Power & Equipment | 4 |
| Electives | 4 |
|  |  |
| Semester Total | 16 |
| Winter Semester II |  |
| ET 211 Digital Electronics | 4 |
| ET 280 Protective Relay Systems | 3 |
| PH 201 College Physics I | 5 |
| Electives | 2 |
| IT 010 Exit Seminar | 0 |
| Semester Total | 14 |

**Total Credits Required 60**