



## Power Generation Certificate      Course Sequence Roadmap

| <b>Fall Semester</b>  |  | <i>1st</i> |                |
|-----------------------|--|------------|----------------|
| <u>Course</u>         | <u>Title</u>   |            | <u>Credits</u> |
| <b>PGEN 101</b>       | <i>Introduction to Power Generation</i>              |            | 3              |
| <b>PGEN 102</b>       | <i>Basic Electricity</i>                             |            | 4              |
| <b>PRT 120</b>        | <i>Water Quality Management for Process Industry</i> |            | 4              |
| <i>Total Credits:</i> |  |            | <i>11</i>      |

| <b>Spring Semester</b> |   | <i>2nd</i> |                |
|------------------------|---|------------|----------------|
| <u>Course</u>          | <u>Title</u>                                |            | <u>Credits</u> |
| <b>PRT 110</b>         | <i>Occupational Safety &amp; Health</i>     |            | 3              |
| <b>PGEN 103</b>        | <i>Basic Maintenance</i>                    |            | 4              |
| <b>PRT 140</b>         | <i>Industrial Process Instrumentation I</i> |            | 3              |
| <b>PGEN 104</b>        | <i>Gas Turbines</i>                         |            | 4              |
| <i>Total Credits:</i>  |   |            | <i>14</i>      |

| <b>Fall Semester</b>     |                              | <i>3rd</i> |                |
|--------------------------|------------------------------|------------|----------------|
| <u>Course</u>            | <u>Title</u>                 |            | <u>Credits</u> |
| _____                    | <i>Math Class</i>            |            | 3              |
| _____                    | <i>English Class</i>         |            | 3              |
| _____                    | <i>Human Relations Class</i> |            | 3              |
| <b>WMT 103</b>           | <i>Welding I</i>             |            | 3              |
| <i>Total Credits:</i>    |                              |            | <i>12</i>      |
| <i>Certificate Total</i> |                              |            | <i>37</i>      |