



College of the Siskiyous

# *Environmental Resources – Power Generation Technology*

Associate Degree Major

## **Associate of Science Degree**

### **Requirements for the Major:**

*Complete the following:*

|       |   |  |    |
|-------|---|--|----|
| _____ | ERPG 50                                 | Power Plant Fundamentals                       | 2  |
| _____ | ERPG 51                                 | Intro to Operations and Maintenance Techniques | 1  |
| _____ | ERPG 52                                 | Operations and Maintenance Safety              | 1  |
| _____ | ERPG 49A                                | Work Experience                                | 2  |
| _____ | ERPG 53                                 | Boilers & HRSG                                 | 3  |
| _____ | ERPG 54                                 | Steam Turbines & Generators                    | 1  |
| _____ | ERPG 55                                 | Gas Turbine Engines                            | 1  |
| _____ | ERPG 56                                 | Plant Water Treatment                          | 2  |
| _____ | ERPG 49B                                | Work Experience                                | 4  |
| _____ | MATH 53                                 | Intermediate Algebra                           | 3  |
| _____ | BA 58                                   | Business English                               | 3  |
| _____ | ERPG 61                                 | Technical Drawing Interpretation               | 3  |
| _____ | ERPG 62                                 | Electrical Generation and Transmission         | 2  |
| _____ | ERPG 63                                 | Combustion and Emission Control                | 2  |
| _____ | ERPG 64                                 | Instrumentation and Control                    | 3  |
| _____ | ERPG 49C                                | Work Experience                                | 2  |
| _____ | ERPG 49D                                | Work Experience                                | 4  |
|       | Total Associate of Science Degree Units |  | 39 |

*Note: Students must receive a “C” grade or better in all major or certificate coursework.*

**In addition to the major requirements, students need to complete general education requirements and electives to reach the minimum of 60 degree-applicable units required for the associated degree. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.**

**Completion of math, writing and reading assessments are required for enrollment in any certificate or AA/AS degree program. Please contact Counseling Services for more information: (530) 938-5353.**