

### Energy Management Technician-Online, 1 year Certificate

| List of Required Classes |  |        |          |   |        |
|--------------------------|--|--------|----------|---|--------|
| Course #                 | Name   | Credit | Course # | Name  | Credit |
| WR 227                   | Technical Writing                                | 4      | NRG 122  | Commercial Air Conditioning System Analysis | 3      |
| CG 203                   | Human Relations at Work                          | 3      | NRG 123  | Energy Control Strategies                   | 4      |
| NRG 101                  | Introduction to Energy Management                | 3      | NRG 124  | Energy Efficiency Methods                   | 4      |
| CST 110                  | Blueprint Reading 1                              | 3      | NRG 131  | Lighting Fundamentals                       | 3      |
| NRG 110                  | Energy Efficiency Industry Software Applications | 4      | NRG 142  | Energy Accounting                           | 3      |
| NRG 111                  | Residential/Light Commercial Energy Analysis     | 3      | MTH 095  | Intermediate Algebra or higher^             | 5      |
| NRG 112                  | Commercial Energy Use Analysis                   | 3      | PH 102   | Fundamentals of Physics or Higher*          | 4      |
| NRG 121                  | Air Conditioning System Analysis                 | 3      |          |   |        |

**Total Credits Required for the Energy Management Technician Certificate of Completion** 53-54

**Licensing & Certification: Association of Energy Engineers Certified Energy Manager in Training (CEMEMIT)**

**Course Requirements: Some prerequisites are required. See course descriptions. Completion of Math 65 or 70 or Program Coordinator permission must be obtained prior to enrolling in the program. Other course requirements may be needed. Contact the Program Coordinator. 541-463-6160**

\* Class not offered online ^May be taken anytime within the first year

#### Term by Term Planner

Please use the Term by Term Planner with your academic advisor to help you meet your certificate goals in a timely manner

| FALL TERM 1st year                        |           | SPRING TERM 1st Year                                     |           |
|---|-----------|--|-----------|
| Course Name                               | Credits   | Course Name  | Credits   |
| CS 203 Human Relations at Work^^          | 3         | NRG 112 Commercial Energy Use Analysis                   | 4         |
| MTH 095 Intermediate Algebra^             | 5         | NRG 142 Energy Accounting                                | 3         |
| NRG 101 Introduction to Energy Management | 3         | NRG 110 Energy Efficiency Industry Software Applications | 4         |
| CST 110 Blueprint Reading 1               | 3         | NRG 123 Energy Control Strategies                        | 4         |
| WR 227 Technical Writing^^                | 4         | NRG 121 Air Conditioning System Analysis                 | 3         |
| <b>Total Credits</b>                      | <b>18</b> | NRG 122 Commercial Air Conditioning System Analysis      | 3         |
|   |           | <b>Total Credits</b>                                     | <b>21</b> |

| WINTER TERM 1st Year                                 |           |
|--|-----------|
| Course Name  | Credits   |
| NRG 111 Residential/Light Commercial Energy Analysis | 3         |
| NRG 124 Energy Efficiency Methods                    | 4         |
| NRG 131 Lighting Fundamentals                        | 3         |
| PH 102 Fundamentals of Physics*                      | 4         |
| <b>Total Credits</b>                                 | <b>14</b> |

^ May be taken any time within the first year

^^ May be taken any time in the program

\* Required Classes NOT AVAILABLE ONLINE

## Water and Energy Programs

Funded by the National Science Foundation



**Catalog Link for Directed Electives and other important information** [https://catalog.lanecc.edu/preview\\_program.php?catoid=6&poiid=461](https://catalog.lanecc.edu/preview_program.php?catoid=6&poiid=461)

Website: <https://www.nweei.org/>  
 Facebook: <https://www.facebook.com/pg/NWEEI.LCC/about/>  
 LinkedIn <https://www.linkedin.com/company/northwest-energy-education-institute>

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