

# TECHNOLOGY STUDIES: ENERGY MANAGEMENT, AS

Program code: ENMG-AS-COT

Location: Tunxis

## Degree Requirements

| Code  | Title  | Credits      |
|---|--|--------------|
| <b>Technology Studies General Education Core</b>                                |  |              |
| ENG 1010  | Composition                                    | 3            |
| MATH 1610   | Precalculus                                    | 4            |
| ART Elective (course vetted for ARHX)   |  | 3            |
| CHEM 1110   | Concepts of Chemistry                          | 4            |
| or CHEM 1210  | General Chemistry I                            |              |
| Elective HISX - Historical Knowledge Course or Elective SBSX course in ECON     |  | 3            |
| ENG 1080  | Composition II: Technical Writing              | 3            |
| or COMM 1301  | Public Speaking                                |              |
| CCS 1001  | College and Career Success                     | 3            |
| <b>Technology Studies Program Core</b>  |  |              |
| PHYS 1201   | General Physics I                              | 4            |
| or PHYS 2201  | Calculus-Based Physics I                       |              |
| Elective BHEL - Behavioral Science Elective - choose an ANTH, PSY or SOC course |  | 3            |
| MATH 1200   | Statistics I                                   | 3-4          |
| or MATH 1201  | Statistics I with Computer Applications        |              |
| <b>Energy Management Courses</b>  |  |              |
| CAD 1330  | 2D CAD (AutoCAD)                               | 3            |
| NRG 1101  | Introduction to Energy and Systems             | 3            |
| NRG 1122  | Commercial HVAC Systems and Analysis           | 3            |
| NRG 1123  | Energy Efficiency Methods                      | 3            |
| NRG 1130  | Applied Renewable Energy Systems               | 3            |
| NRG 1132  | Industrial Energy Systems                      | 3            |
| NRG 1133  | Lighting Fundamentals and Applications         | 3            |
| NRG 2241  | Commercial Energy Use Analysis and Simulations | 3            |
| NRG 2242  | Energy Accounting                              | 3            |
| <b>Total Credits</b>  |  | <b>60-61</b> |