

## **Renewable and Clean Energy Courses and Schedule of Offerings**

### Fall

RCL 573 – Renewable Energy Systems (Classroom + Distance) (Gilbert/Brecha)

RCL 590 – Energy System Fundamentals (Classroom + Distance) (Hallinan)

RCL 578 – Energy Efficient Manufacturing (Classroom + Distance) (Kissock)

RCL 590 – Solar Energy Engineering (Distance) (Chiasson/Gilbert)

RCL 590 – Advanced Photovoltaics (Classroom) (Guliants)

RCL 568 – Internal Combustion Engines (Classroom) (Litke)

### Spring

RCL 524 – Electrochemical Power (Classroom) (Kumar)

RCL 569 – Energy Efficient Buildings (Classroom + Distance) (Kissock)

RCL 590 – Geothermal Energy (Distance) (Chiasson)

RCL 590 – Wind Energy Engineering (Classroom + Distance) (Hallinan)

RCL 511 – Advanced Thermodynamics (Classroom) (Stouffer)

RCL 572 – Design for Environment (Classroom + Distance) (Choi)

RCL 590 - LEED Building Design (Classroom) (Turek)

ENM 561 - Design and Analysis of Experiments (Classroom + Distance) (Satisfies Math) (Doty)

### Summer

RCL 590 – Building Energy Informatics (Classroom + Distance) (Hallinan)

RCL 590 – Sustainable Energy Systems (Distance) (Brecha)

RCL 533 – Biofuels (Classroom) (Ciric)

### Fall, Spring and Summer

RCL 595 – Renewable and Clean Energy Project (3 Credit Hours)

RCL 599 – Thesis (6 Credit Hours)

### Intermittent

RCL 571 – Design of Thermal Systems (Classroom + Distance) (Kissock)

RCL 590 – Exergy Analysis (Classroom) (Camberos)