



## Solar Energy Certificate

**Subject:** Engineering

**Type:** Certificate

### Campus

**Campus:**

Fall River

New Bedford

Item #

Title

Credits

## Certificate of Recognition in Solar Energy

### Program Goals Statement

This certificate is designed to help individuals understand the fastest growing form of power generation in the world - solar power. Students will learn about design requirements, installation guidelines, materials, and resources of green energy systems. Key concepts include the basics of electrical circuits, sustainable practices, and conservation measures. Students will also be trained in energy assessment, auditing and efficiency. Upon completion of this certificate, graduates will be prepared to work in entry-level positions in energy-related fields.

### Program Information

- Graduates will qualify to take the North American Board of Certified Energy Practitioners (NABCEP) PV Entry Level exam
- Enter or enhance your educational experience by going "green" in real estate, construction, management, architecture, or engineering

### After Bristol

- Be prepared to play an essential part in the planning, organizing, and managing of renewable energy projects nationwide.

Item #	Title	Credits
EGR 102	Introduction to Sustainable and Green Energy Technologies	3
EGR 131	Introduction to Electrical Circuits	4
EGR 183	Energy Efficiency and Conservation Measures	3
EGR 284	Solar Power	4



## Recommended Course Sequence

### Recommended Course Sequence - Fall Semester 1

EGR 102 Introduction to Sustainable and Green Energy Technologies 3 credits  
EGR 131 Introduction to Electrical Circuits 4 credits  
EGR 183 Energy Efficiency and Conservation Measures 3 credits

### Recommended Course Sequence - Spring Semester 2

EGR 284 Solar Power 4 credits

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**Total credits:**

**14**