

PRESS RELEASE

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OCEAN COUNTY COLLEGE OFFERS “GREEN JOB” TRAINING THIS SPRING!

TOMS RIVER – The **Department of Continuing and Professional Education** at **Ocean County College** is focusing on developing a talent network for “**green jobs.**” All classes will be held on OCC’s Main Campus, College Drive, Toms River, NJ, unless otherwise noted. Register today!

It is estimated that over the next decade, New Jersey will see approximately 20,000 green jobs. To help meet that demand, OCC’s Continuing and Professional Education is offering green technology training for marketable employment opportunities. In addition, courses will be offered for the homeowner and general public to increase their knowledge about this green initiative.

Eleven non-credit green courses will be offered this fall.

How to Create Your Own Power with the Sun & Wind – Using photovoltaics, create your own power plant for your home, business, township, school, non-profit, or corporation. This course will describe how Solar Renewable Power works, how to develop a project from seed, the process to begin your installation, the components required, the financial incentives to make it affordable, the completion process, and its long term benefits. Choose from two sections: **Section I** meets on Saturday, **January 16**, from 3:00 to 5:00 p.m. **Section II** meets on Saturday, **February 6**, from 5:00 to 7:00 p.m. Cost: \$29.

Solar Heat Panels – Utilize the sun to heat your home or business using solar heat panels. This course will provide an extensive overview of how this technology works, as well as the components of the system. General contractors and solar contractors are welcome. This course will not provide a certificate for anything other than recognition of a basic understanding of the process of solar heat panel technology. Choose from two sections: **Section I** meets Saturday, **January 16**, from 12:00 to 2:00 p.m. **Section II** meets Saturday, **February 20**, from 1:00 to 3:00 p.m. Cost: \$29.

LED, Green Associate Exam Prep – Leadership in Engineering and Environmental Design (LEED) is a dynamic certification program developed by the US Green Building Council to measure how well a building or community performs across the environmental and energy metrics that matter most: energy savings, water efficiency, carbon dioxide reduction, improved indoor environmental quality, stewardship of resources, and sensitivity to their impacts. If you want to participate in today’s fastest growing industry and become a certified LEED Green Associate, this course will prepare you and maximize your chance of success. A proven study plan for the LEED

exam will give you an edge in the least amount of time. Passing this test gives participants marketable credentials as well as the ability to work on projects that require a LEED professional in their building certification process. Additionally, this will open doors to a variety of “green” jobs. Choose from two sections: **Section I** meets Saturdays, **January 30 and February 6**, from 9:30 a.m. to 4 p.m. **Section II** meets Saturdays, **April 24 and May 1**, from 9:30 a.m. to 4 p.m. There will be a half hour allotted for lunch on your own. Cost: \$399.

Solar Hot Water – Utilize the sun to heat your dishwasher, washer, showers, and sinks. Business owners are welcome to learn how to cut the cost of their solar hot water usage also. This course is an overview of the process of solar hot water, as well as the components of the system and how it works. Plumbers are welcome, as well as residential homeowners. This course is not hands-on nor will any certificate be presented other than an acknowledgement of the overview of how solar hot water works. Choose from two sections: **Section I** meets Saturday, **February 6**, from 1:00 to 4:00 p.m. **Section II** meets Saturday, **March 13**, from 12:00 to 3:00 p.m. Cost: \$39.

Green Collar Jobs in the Renewable Solar Energy Economy – An introduction to available solar energy jobs such as customer service reps, sales reps, energy auditors, marketing reps, site assessors, AutoCAD designers, purchasing directors, residential and commercial PV panel installers, roof penetration experts, instructors and education outreach, green educated trainers for existing staff and new hires, data entry, and software designers. All aspects will be covered related to employment. Class meets on Monday, **February 22**, from 6:30 to 9:30 p.m. Cost: \$39.

BPI Envelope Professional Training – This course offers hands-on measurements and verification of building performance, as well as installation techniques, standards, and project specifications with the goal of optimizing the building envelope for energy efficiency. Building upon the foundation introduced in BPI Building Analyst I Training, course participants will learn the skills needed to become a Building Envelope Professional. Class meets Monday to Friday, **February 22 to February 26**, from 8:30 a.m. to 5:00 p.m. Cost: \$1195 (includes five sessions and all fees for the BEP written and field tests.)

Residential Energy Conservation for Homeowners – “Do-It-Yourselfers” and homeowners will learn the principals of heating, cooling, and other energy-consuming devices and how they relate to building design, insulation, windows, doors, and other potential energy loss situations that drive up the cost of maintaining a comfortable home. The main objective is to teach participants how to eliminate some or all of the potential areas of energy loss within the home. Follow some of the minimal guidelines and you will pay for this course in one season. Class meets on Mondays, **February 23 to March 30** (six sessions) from 6:30 to 9:00 p.m. Cost: \$159.

Grid-Tied Solar Energy Systems – Receive a comprehensive overview of grid-tied solar electric systems (systems that are connected to the local electric utility, which is the predominate configuration in populated areas) for residential and small business

applications. The course covers technology and terminology, design issues and tools, current NJ and federal incentives, and financial payback analysis. Choose from two sections: **Section I** meets on Mondays, **March 15** and **March 22**, from 6:30 to 9:00 p.m. **Section II** meets on Saturdays, **April 12** and **April 19**, from 10:00 a.m. to 12:30 p.m. Cost per section: \$79 (includes two sessions and paper copy of class presentation material, with an abundance of internet references).

Green Strategies for Carbon Reduction & Business Profitability – This course is a must for businesses that want to become more environmentally-friendly, while also financially benefiting from a new, “green” focus. Learn practical strategies and tactics to reduce your carbon footprint and earn carbon credits, and capitalize on trading and new green revenue opportunities. Learn to either finance, sell and/or get your investment program approved. Using cutting-edge tools, you will learn how to set-up a carbon reduction program in your business or organization. You will be able to perform carbon audits and carbon monitoring and essentially improve the financial bottom-line by clearly articulating and communicating the “green benefits” from your new business processes or energy-efficient projects. These sessions can also greatly benefit those interested in pursuing Carbon Reduction Manager Certification. Choose from two sections: **Section I** meets Saturdays, **March 20** and **March 27**, from 9:30 a.m. to 4:00 p.m. **Section II** meets Saturdays, **May 15** and **May**, from 9:30 a.m. to 4:00 p.m. There will be a half hour allotted for lunch on your own. Cost: \$289.

BPI Certification: Building Analyst I Training – Train to become a home performance pro! Learn how to find the cause of energy conservation problems and provide solutions. Gain knowledge of building science fundamentals; energy conservation strategies; heat loss calculations; and the relationship between all the systems in the house and the effects on health, safety, comfort, and efficiency. Training will provide the knowledge and skill to perform whole house energy audits. Class meets Monday to Friday, **March 22 to April 2**, from 8:30 a.m. to 5:00 p.m. The last four days will be field testing. Cost: \$1,899 (includes 10 sessions, written/field tests, scoring, all course materials, handouts, and reference books).

Eco Living: Smart Designs for Healthy Living – Learn about simple key features in eco-design that reduce energy loss, save the planet, and create a healthier living environment. Attendees will also learn where different natural materials should be placed in the home using the feng shui philosophy. A green home power point tour and overview of Leadership in Energy and Environmental Design (LEED) points will be discussed. Great for realtors! Class meets on Tuesday, **May 4**, from 7:00 to 9:00 p.m. Cost: \$35.

For more information, contact the Ocean County College **Department of Continuing and Professional Education** at **732.255.0404**.