

BERGEN GOES GREEN



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Bergen Community College recognizes the importance and increased interest in Green technologies and their applications. This semester we are offering courses in hopes of helping our community conserve more energy. The School of Continuing Education will offer courses in Solar Powered Paneling for the contractor and in the area of construction we offer Smart Home Construction and Sustainability, including the EPA Renovator Certification and for those students seeking employment within the green energy workforce, a student may choose one or all of our courses in our new Certificate in Green Pathways Employment Program. For more information call (201) 447-7488.

To register, call: (201) 447-7488 • www.bergen.edu/continuing

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CD 469 Introduction to Solar Certification

10 sessions; \$550

001, Mon.; January 30-April 16, 2012

(no class 2/20, 3/19)

Hours: 6:00-10:00 p.m.

Location: TBA

This 40-hour course teaches the technology and skills required for the design and installation of the **photovoltaic system**. It covers in detail all applicable requirements of the latest UCC and NEC codes. This course is approved for 34 continuing education hours by the NJ State Board of Electrical Contractors and prepares you to take the NABCEP examination.

Required Text: *Photovoltaic Systems* by J. Dunlop. Must be purchased prior to class.

Instructor: Constantinos Papademas, B.E., M.E.E.E., P.E., Professional Engineer, Electrical Inspector, Sub-Code Official, on the NJ Board of Examiners of Electrical Contractors

CD 477 Smart Home Construction & Sustainability

6 sessions; 16 hours; \$255

001, Sat.; April 14-May 19, 2012

Hours: 9:15 a.m.-12:00 p.m.

Location: TBA

Educate your clients and win new business by embracing some of the principles of smart construction. Learn about the difference between "sustainable" and "green." This course will outline some of the ways you can build a safer healthier environment through the use of new materials, sustainable and recycled products. You will learn about energy efficiency, reducing consumption, reclaimed and recycled materials. Planning your project to maximize or minimize natural elements. Discover how to qualify purchases and materials with resources and agencies.

Instructor: Roseanne Crisafi, LEED GA, Green Advantage Certified



✓**NEW**

FT 023 Storm Water Management

3 session; \$175

001, Tue.; June 12-June 26, 2012

Hours: 6:00-9:00 p.m.

Location: Fort Lee High School, 3000 Lemoine Avenue, Fort Lee, NJ

Learn ways to manage storm water with permeable surfaces, proper grading techniques and ways to reduce the hazards in storm water. Discover the rules and regulations to clearing and maintaining storm drains and how to increase ground water absorption. Take this class and learn to assess your property and reduce your storm water runoff.

Instructor: Maria Alliegro, LEED AP

CD 494 LEED Green Associate: Exam Prep \$325

001, (3 sessions) Mon.; Jan. 30-Feb. 13, 2012

Hours: 6:00-8:45 p.m.

Location: TBA

002, (1 session) Th.; February 2, 2012

Hours: 9:00 a.m.-6:00 p.m.

Location: TBA

003, (1 session) Wed.; April 18, 2012

Hours: 9:00 a.m.-6:00 p.m.

Location: TBA

The LEED Green Associate is for professionals who want to demonstrate green building expertise in non technical fields of practice. It denotes basic knowledge of green design, construction, and operations. The Green Associate also serves as the first step for professionals pursuing a LEED AP with specialization.

Instructor: Maria Alliegro, LEED AP

CD 518 Green Advantage® Test Prep

5 sessions, 15 hours; \$225

001, Th.; March 1-April 5, 2012 (no class 3/29)

Hours: 6:00-9:00 p.m.

Location: Mahwah-Bergen County's Police & Fire Academy, 281 Campgaw Road

002, Th.; May 10-June 14, 2012 (no class 5/17)

Hours: 6:00-9:00 p.m.

Location: Main Campus, Paramus

This class is designed to prepare you to take the Green Advantage Exam, Commercial or Residential series and will assist you in gaining a deeper understanding of the concepts of Green Building. Learn the fundamentals of green construction practices, green rating systems like LEED, Green Globes, NAHB and get practical information on engaging in environmentally sustainable practices. The test fee of \$175 is additional and students must register online at Green Advantage®.org.

Instructor: Roseanne Crisafi, LEED GA

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✓NEW

CD 578 Waste Management & Reduction

5 sessions, 10 hours; \$175

001, Tue.; January 31-March 6, 2012

(no class 2/14)

Hours: 6:30 -8:30 p.m.

Location: TBA

Eliminating waste by not generating it in the first place is the best way to minimize human and industrial environmental footprints. Waste management practices have evolved over the last 50 years to accomplish that essential objective. Take this course and learn about how waste management and reduction programs have developed in the US, the regulations and technologies that have emerged to support that development and practical approaches that can be employed to continually reduce our impacts on our environment.

Instructor: Craig Doolittle, P.E.

CD 524 EPA Renovator Certification for Lead-based Paint

5 sessions; \$190

001, Mon/Tue./Wed.; February 20-22, 2012

Hours: Mon./Tue.:8:00 a.m.-5:30 p.m.;

Wed.; 8:00 -11:00 a.m.

Location: Main Campus, Paramus

002, Mon/Tue./Wed./Th.,; March 26-29, 2012

Hours: Mon.; 8:00 a.m.-5:30 p.m.; Tue./Wed.;

5:00-9:00 p.m.; Th.; 5:30-8:30 p.m.

Location: Meadowlands, Lyndhurst

003, Mon/Tue./Wed./Th.,; April 23-26, 2012

Hours: Mon.; 8:00 a.m.-5:30 p.m.; Tue./Wed.;

5:00-9:00 p.m.; Th.; 5:30-8:30 p.m.

Location: Meadowlands, Lyndhurst

004, Wed./Th./Fri.; May 9-11, 2012

Hours: Mon./Tue.:8:00 a.m.-5:30 p.m.; Wed.;

8:00 -11:00 a.m.

Location: Main Campus, Paramus

005, Tue./Wed./Th./Fri.; June 12-15, 2012

Hours: Tue.; 8:00 a.m.-5:30 p.m.; Wed./Thu.;

5:00 - 9:00 p.m.; Fri.; 5:30 - 8:30 p.m.

Location: Meadowlands, Lyndhurst

To register for this course, you must contact

www.njworkforce.org/epa.html

Dates, times and locations are subject to change. Please check the NJ Workforce website.

For further questions, please call Roseanne Crisafi at (201) 447-7863.

This is a Lead Renovation, Repair, and Painting (RPP) Program. Contractors who perform renovation, repairs, and painting jobs in pre-1978 housing and child-occupied facilities must comply with strict newly implemented U.S. Environmental Protection Agency (EPA) rules. After April 22nd,

2010, federal law requires you to be certified and to use lead-safe work practices. To become certified, renovation contractors must take this EPA Accredited course. Upon completing this course, contractors will become an EPA Certified Renovator, which will be valid for five years. EPA materials are an additional (\$72.) not included in tuition.

Students will also learn how to work safely with lead-based paint, and how to perform lead-safe work practices effectively during renovation, repair and painting projects. The course content includes: • Lead Based Paint Health Concerns • Regulations • Planning the job • Lead Dust Containment • Cleaning • Training Non-Certified renovation workers • Recordkeeping.

Upon successful completion of this exam, students will earn the following certifications:

- EPA Model Renovator Initial Certificate
- EPA Dust Sampling Technician Certificate
- NJ DCA Rules & Regulations Certificate
- OSHA Hazardous Communications Certificate

Instructor: Roseanne Crisafi, LEED GA, Green Advantage Certified, EPA/HUD Certified.

CD 559 Green Residential Property Maintenance Issues

3 sessions; \$150

Offered in Fall, 2012

This course gives an overview of ways to introduce green into residential property maintenance. Reduce toxins, increase your staff's awareness to indoor pollutants and improve the quality of your environment. Discover key ways to improve building system maintenance and the efficiency of your HVAC units as well.

CD 577 OSHA Health and Safety Programs in the Construction/Building Industries

2 sessions; 5 hours; \$75

Offered in Fall, 2012

Working safely, whether on the job or at home is an essential part of the project. This course will present an overview of workplace safety regulations that affect the construction and building industries. Applicable federal (OSHA) and state requirements will be reviewed and participants will not only learn what the key regulations are but also gain knowledge in identifying and addressing the typical hazards associated with these two important industries.

Instructor: Craig Doolittle, P.E.

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Certificate in Landscape Industry

Bergen Community College is now offering two New Certification Programs. The New Jersey Landscapers Contractors Association (NJLCA) Landscape Industry Certification Program in the Maintenance Concentration & Installation Concentration offers those entering the landscaping workforce an opportunity to prepare themselves, while also offering seasoned contractors the opportunity to help them stand out from the crowd. Each session will be taught by a NJLCA certified instructor. Each program concentrates on different areas of landscaping, including general landscape equipment safety and maintenance, plan reading and estimating, turf fertilization, plant layout and identification, tree and shrub maintenance, paver and sod installation, and grading and drainage. Both programs offer traditional classroom learning along with hands-on training. Each program will commence with students taking the Landscape Industry Certified Installation or Maintenance Exam.



CD 584 Landscape Installation Program

20 sessions; \$599

001, Mon./Wed.; February 13-April 18, 2012

Hours: 6:30-9:30 p.m.

Location: TBA

This 10-week certificate program offers students the opportunity to gain theoretical and hands on knowledge of the basics of Landscape Installation. Both experienced and inexperienced students are encouraged to enroll. Topics covered will include: First Aid and Safety; Landscape Plan Reading and Estimating; Instrument, Grading, and Drainage; Hardscapes and Special Features; Plants and Planting; Edger; Turf Installation; Equipment Safety and Maintenance; and Work Orders and Snow Removal. Program will commence with student taking the Landscape Industry Certified Installation Exam, which will be offered two times per year by the New Jersey Landscape Contractors Association. This course is intended for students who would like to prepare for the **Landscape Industry Certified Technician** exam. Exam cost of \$275, which includes textbook, is not included in the cost of tuition. Following successful completion the exam, you will receive a certificate, wallet card indicating certified status, lapel pin, and exclusive Certification logos, which can be used on printed materials such as letterhead, business cards, stickers, and signs.

Instructors: Provided by the New Jersey Landscape Contractors Assoc. (NJLCA)

CD 585 Landscape Maintenance Program

20 sessions; \$599

001, Tue./Th.; February 16-April 26, 2012

(no class 9/29)

Hours: 6:30-9:30 p.m.

Location: TBA

This 10-week certificate program offers students the opportunity to gain theoretical and hands on knowledge of the basics of Landscape Maintenance. Both experienced and inexperienced students are encouraged to enroll. Topics covered will include: First Aid and Safety; Landscape Plan Reading and Estimating; Turf Installation and General Turf Maintenance; Turf Chemicals; Plants and Planting; Tree and Shrub Maintenance; Turf Equipment Operation and Safety; General Landscape Equipment Safety and Maintenance; Irrigation System Components and Maintenance; and Work Orders and Snow Removal. Program will commence with student taking the Landscape Industry Certified Maintenance Technician Exam, which will be offered two times per year by the **New Jersey Landscape Contractors Association**. Text books and exam cost of \$275 is not included in tuition. Following successful completion the exam, you will receive a certificate, wallet card indicating certified status, lapel pin, and exclusive Certification logos, which can be used on printed materials such as letterhead, business cards, stickers, and signs.

Instructors: Provided by the New Jersey Landscape Contractors Assoc. (NJLCA)

To register, call: (201) 447-7488 • www.bergen.edu/continuinged