



Connecticut Career Resource Network UPDATE

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Thinking about a green career but confused about your options?

You're not alone. CareerOneStop's Green Careers section provides an outline of green careers in today's changing workplaces. Check out the following pages to begin understanding these green work options.

What are Green Careers?

There are lots of ways to think about green jobs. Here, we look at the definition used by the U.S. Department of Labor's Occupational Information Network (O*NET).

A green career can be any occupation that is affected by activities such as conserving energy, developing alternative energy, reducing pollution, or recycling. Green careers fall into three groups:

● Higher Demand Green Occupations

In these fields, the job duties aren't changing but the occupation itself will probably grow because of the increased demand for green goods and services. Some examples include:

Bus Drivers, who will be needed to fill an increased demand for public transit.

Agricultural Inspectors, who will help meet the increased demand for organic and sustainable farming techniques, and new government regulations.

Carpenters and Carpenter Helpers, who will be needed to work on green construction or retrofitting projects.

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Connecticut Learns and Works Conference

The sixteenth annual Connecticut Learns and Works Conference was conducted at Water's Edge in Westbrook on May 14th, 2010 with over 200 attendees. This year's conference included popular workshops like Next Generation Virtual Workers, New and Existing Pathways to Emerging Health Careers, Innovative Programs for Youth, Training Programs for Emerging Green Jobs, Employers Investing in

Youth, and The Real Games Digital. All workshops were well received.

More details will be published in our future Connecticut Career Resource Network (CCRN) newsletters. Also, the Department of Labor Web site (www.ctlearnsandworks.org) will be updated with any new information. CEUs are available for participants who attend the conference.

CCRN UPDATE

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www.ctdol.state.ct.us/lmi/ccrn.htm

Save the Date

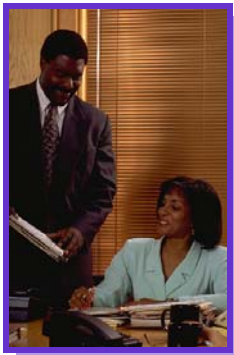
Next year's conference will be held on Friday, May 13th, 2011

Please visit Connecticut Department of Labor Web site for the latest Labor Market Information at www.ctdol.state.ct.us/lmi

Highest-Paying Occupations by Median Hourly Wages

Education Level: Work Experience or On-the-Job Training

Occupation	Median wages, 2008	
	Hourly	Annual
Industrial Production Managers	\$44.12	\$91,800
Managers, All Other	\$42.89	\$89,200
Transportation, Storage, and Distribution Managers	\$39.29	\$81,700
First-Line Supervisors/Managers of Police and Detectives	\$38.32	\$79,700
Real Estate Brokers	\$37.08	\$77,100
Purchasing Agents and Buyers, Farm Products	\$36.28	\$75,500
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$35.55	\$73,900
Reinforcing Iron and Rebar Workers	\$34.96	\$72,700
Elevator Installers and Repairers	\$34.94	\$72,700
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$34.64	\$72,100
Agricultural Inspectors	\$33.39	\$69,500
First-Line Supervisors/Managers of Non-Retail Sales Workers	\$33.37	\$69,400
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$32.84	\$68,300
Electrical Power-Line Installers and Repairers	\$32.81	\$68,200
Postmasters and Mail Superintendents	\$32.66	\$67,900
Emergency Management Specialists	\$32.62	\$67,800
Media and Communication Equipment Workers, All Other	\$32.37	\$67,300
Air Traffic Controllers	\$32.26	\$67,100
Detectives and Criminal Investigators	\$31.97	\$66,500
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$31.30	\$65,100



Education Level: Post-Secondary Training or Associate's Degree

Occupation	Median wages, 2008	
	Hourly	Annual
Commercial Pilots	N/A	\$81,000
Radiation Therapists	\$38.36	\$79,800
Nuclear Technicians	\$36.43	\$75,800
Nuclear Medicine Technologists	\$35.92	\$74,700
Dental Hygienists	\$35.90	\$74,700
Diagnostic Medical Sonographers	\$35.86	\$74,600
Forest and Conservation Technicians	\$34.24	\$71,200
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	\$34.05	\$70,800
Funeral Directors	\$34.02	\$70,800
Registered Nurses	\$33.11	\$68,900
Computer Specialists, All Other	\$32.04	\$66,600
Appraisers and Assessors of Real Estate	\$31.40	\$65,300
Engineering Technicians, Except Drafters, All Other	\$29.86	\$62,100
Respiratory Therapists	\$28.91	\$60,100
Radiologic Technologists and Technicians	\$28.23	\$58,700
Avionics Technicians	\$28.07	\$58,400
Aerospace Engineering and Operations Technicians	\$27.45	\$57,100
Real Estate Sales Agents	\$27.05	\$56,300
Insurance Appraisers, Auto Damage	\$26.84	\$55,800
Mechanical Drafters	\$26.80	\$55,700

"The world is full of willing people, some willing to work, the rest willing to let them."

--Robert Frost



Highest-Paying Occupations by Median Hourly Wages

Education Level: Bachelor's Degree or Higher

Occupation	Median wages, 2008	
	Hourly	Annual
Anesthesiologists	\$80.00+	\$166,400+
Chief Executives	\$80.00+	\$166,400+
Internists, General	\$80.00+	\$166,400+
Obstetricians and Gynecologists	\$80.00+	\$166,400+
Orthodontists	\$80.00+	\$166,400+
Physicians and Surgeons, All Other	\$80.00+	\$166,400+
Psychiatrists	\$80.00+	\$166,400+
Surgeons	\$80.00+	\$166,400+
Dentists, General	\$79.14	\$164,600
Family and General Practitioners	\$72.92	\$151,700
Judges, Magistrate Judges, and Magistrates	\$71.50	\$148,700
Securities, Commodities, and Financial Services Sales Agents	\$70.04	\$145,700
Pediatricians, General	\$64.65	\$134,500
Computer and Information Scientists, Research	\$56.37	\$117,200
Lawyers	\$54.26	\$112,900
Education Administrators, Elementary and Secondary School	N/A	\$110,000
Computer and Information Systems Managers	\$52.84	\$109,900
Podiatrists	\$52.69	\$109,600
Natural Sciences Managers	\$52.47	\$109,100
Engineering Managers	\$52.25	\$108,700

"You've achieved success in your field when you don't know whether what you're doing is work or play." -- Warren Beatty



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▲ Changing Skills Green Occupations

These fields are adding new tasks or specialty areas because of the demand for green goods and services. Some examples include:

Construction Managers, who may need to learn more about green construction and retrofitting.

Public Relations Specialists, who may need to develop expertise in marketing green products or services.

Farmers and Ranchers, who may need to expand sustainable farming practices.

■ New Green Occupations

New Green occupations are those that are emerging because of green trends. Some examples include:

Energy Auditors, who conduct audits to determine how energy-efficient homes or buildings are.

Chief Sustainability Officers, who oversee green activities at their organizations.

Wind Energy Engineers, who design and develop wind farm systems.



Visit Explore Green Careers at "<http://www.careeronestop.org/GreenCareers/ExploreGreenCareers.aspx>" to find information about skills, wages, training requirements, and more.

For details on employment projections, industry projections, information on occupations ranked by growth-rate, occupations ranked by total openings, etc. please visit Labor Market Information on Connecticut Department of Labor Web site at: www.ctdol.state.ct.us/lmi

Fastest-Growing Occupations

Occupation	Employment		Percent *
	2006	2016	Change
Network systems and data communications analysts	3,130	4,490	44%
Airline pilots, copilots, and flight engineers	230	320	41%
Substance abuse and behavioral disorder counselors	1,210	1,640	36%
Computer software engineers, applications	7,000	9,190	31%
Veterinarians	1,070	1,400	31%
Mental health counselors	2,010	2,600	29%
Financial analysts	6,440	8,240	28%
Personal financial advisors	2,650	3,390	28%
Mathematicians	70	90	27%
Hydrologists	90	120	26%

These are the occupations requiring a bachelor's degree or higher that are projected to grow the fastest during the 2006-2016 time period.

Occupation	Employment		Percent *
	2006	2016	Change
Commercial pilots	250	380	51%
Veterinary technologists and technicians	1,030	1,460	42%
Radiation therapists	780	1,040	33%
Cardiovascular technologists and technicians	690	870	26%
Aircraft mechanics and service technicians	760	960	26%
Skin care specialists	850	1,050	24%
Physical therapist assistants	670	820	23%
Respiratory therapy technicians	210	260	22%
Diagnostic medical sonographers	700	850	22%
Electrical and electronics installers and repairers, transportation equipment	150	180	21%

These are the occupations requiring post-secondary training or an associate's degree that are projected to grow the fastest during the 2006-2016 time period.

Occupation	Employment		Percent *
	2006	2016	Change
Personal and home care aides	6,340	8,450	33%
Medical assistants	4,990	6,520	31%
Interpreters and translators	390	500	30%
Pharmacy technicians	2,870	3,700	29%
Gaming surveillance officers and gaming investigators	770	980	29%
Home health aides	10,590	13,290	26%
Ushers, lobby attendants, and ticket takers	960	1,210	25%
Tire repairers and changers	500	620	25%
Residential advisors	650	810	24%
Dental assistants	3,390	4,120	21%

These are the occupations requiring work experience or on-the-job training that are projected to grow the fastest during the 2006-2016 time period. This does not mean these are the occupations with the most openings.

* The national average percent change is 10.36% for the 2006-2016 employment projection series

STEM opportunities through the Energy Department



If you want a career in science, technology, engineering, or math, take a look at what the U.S. Department of Energy has to offer. Its Office of Science Workforce Development for Teachers and Scientists provides opportunities to teachers and students of science, technology, engineering, and mathematics (STEM).

This development office offers several internships, fellowships, and programs. Each targets a different group of students and teachers. For example, paid internships for undergraduates place students in research laboratories; graduate and faculty fellowships provide financial support and professional development opportunities for STEM teachers and faculty; and activities for middle and high school students and teachers, such as the National Science Bowl, encourage scientific and technical study.

For information about these programs, including application procedures, write to the Office of Workforce Development for Teachers and Scientists, U.S. Department of Energy, 1000 Independence Avenue SW., Washington, D.C. 20585; call (202) 586-5000; email TheSecretary@hq.doe.gov; or visit the office's Web site online at www.scied.science.doe.gov/scied/sci_ed.htm.