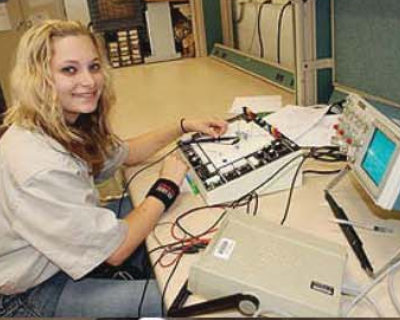


**Success is not achieved solely upon reaching your destination,
it's the small accomplishments made on the paths you take along the way**



Education & Training Guide * Local, Statewide & Online Resources

Job Descriptions * Wages * Career Strategies & Job Advice

CONNECTICUT Career Paths 2010-2012

**Published by the Connecticut Career Resource Network,
Connecticut Department of Labor and Connecticut Department of Education**



Connecticut Career Resource Network (CCRN) is a program administered by the Connecticut Department of Labor (DOL).

CCRN is dedicated to supplying career information to educators, counselors, and job seekers.

In joint collaboration, Connecticut's Department of Labor and Department of Education are proud to publish:

CONNECTICUT CAREER PATHS 2010-2012

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CONNECTICUT CAREER PATHS is also available online at www1.ct.gov/dol Labor Market Information

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A Message from the Commissioners



Dear Reader:

Connecticut Career Paths is your personal guide to career decision-making. This publication was created to provide the information needed to help learners, from youth to adults, make informed decisions about their career choice and preparation.

While career development is particularly important for young people, individuals of all ages need access to information and guidance on careers. New technologies, heightened global competition, and the information revolution are transforming the nature of work and careers. Individuals must have access to accurate and timely information so that they may become fully involved in their career choices.

Included in the Career Table is information on the projected job openings for the near future, education and training requirements, and the earning potential for each of the occupations for your chosen field. This revised edition of **Connecticut Career Paths** includes information on the knowledge base and fundamental skills that employers often look for in job candidates. In addition, each occupation has been assigned to one of five growth ranks, from "growing much faster than average" to "growing much slower than average" based on its ten-year (2008-18) growth rate.

The Connecticut Department of Labor and the State Department of Education are ready and willing to help, support and guide you through this important phase of your career planning. We wish you well as you begin the journey to your future, and we are certain that the **Connecticut Career Paths** will provide you with valuable insight to help plan a road map to your most rewarding career.

Very Best Regards,

A handwritten signature in black ink, appearing to read "Linda L. Agnew".

Linda L. Agnew
Acting Commissioner
Connecticut Department of Labor

A handwritten signature in black ink, appearing to read "Mark K. McQuillan".

Mark K. McQuillan
Commissioner
Connecticut Department of Education



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Learn More, Work More

Education is a great career investment, data from the U.S. Bureau of Labor Statistics (BLS) confirm. Among 22-year-olds surveyed for the BLS National Longitudinal Survey of Youth 1997, those with more education were most likely to be employed. (The National Longitudinal Survey data measure labor market and other activities of a group of people over time. The group has been surveyed 12 times since 1997.)

Data from the survey show that 88 percent of college graduates were employed at age 22, compared with 58 percent of high school dropouts. For women, the disparity is even more pronounced: 90 percent of female college graduates were employed at age 22, versus 49 percent of high school dropouts.

For a detailed discussion of the National Longitudinal Survey data, see www.bls.gov/news.release/pdf/nlsy1997.pdf.

Or, write to the BLS National Longitudinal Survey Program, 2 Massachusetts Avenue NE., Suite 4945, Washington, DC 20212; call (202) 691-7410; or email NLS_info@bls.gov.

○.....○

YouthRules! For Youth Employment

Summer is the hottest season for teen workers, with many young people diving into the Nation's labor pool each June and July. Whatever the season, the U.S. Department of Labor can help you navigate the waters of youth employment.

The department's YouthRules! Web site helps increase public awareness of Federal and State rules concerning young workers. The site—available in both English and Spanish—provides teens, parents, educators, and employers with information about which jobs young workers are allowed to hold and what hours they are allowed to work. There is also information on preventing workplace injuries.

The Web site includes summaries of Federal rules for different workers in various age groups. An interactive map links to the sites for individual States, which may impose additional rules. Awareness of laws can help you narrow and focus a job search; for example, workers under age 18 are allowed to hold most jobs in a shopping mall, but none in a coal mine.

The Web site also contains a compliance-assistance section for employers, which includes links to information regarding young workers. And a variety of educational materials, such as posters, bookmarks, and stickers, may be ordered or printed directly from the site.

Visit www.youthrules.dol.gov

Scholarships for Minority Students

Minority students with leadership skills, a good GPA, and college aspirations could be eligible for a Gates Millennium Scholars scholarship for use at the university of their choice. Recipients who progress satisfactorily toward a degree may renew the scholarship each year—all the way through graduate school for students in certain subject areas.

The Gates Millennium Scholars program, funded by a grant from the Bill & Melinda Gates Foundation, covers unmet educational costs for selected African American,

American Indian/Alaska Native, Asian and Pacific Islander American, and Hispanic American students. In addition to financial assistance, scholarship recipients receive mentoring services, academic encouragement, and access to an online resource center that provides information about internship, fellowship, and scholarship opportunities.

Minority applicants for the renewable awards must be enrolling for the first time as degree-seeking undergraduates at an accredited college or university, be U.S. citizens or legal residents, meet Federal Pell Grant eligibility criteria, demonstrate leadership through community service or other activities, and have a cumulative GPA of at least 3.3 (on a 4.0 scale) or have earned a high school equivalency credential. Funding continues for scholars who pursue graduate study in computer science, education, public health, and some other fields.

The program is administered by the United Negro College Fund, which has partnered with other scholarship programs to reach minority students who have academic and leadership potential.

For more information, including access to online application forms, visit www.gmsp.org

Source: Bureau of Labor Statistics: Occupational Outlook Quarterly

Connecticut Career Pathways Initiative

Connecticut's 16 Career Clusters:

Agriculture, Food and Natural Resources - careers in the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources.

Architecture and Construction - careers in designing, planning, managing, building and maintaining the physical infrastructure environment, e.g. buildings, homes, parks, bridges, roads and highways, etc.

Arts, A/V Technology and Communications - careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content, e.g. visual and performing arts and design, journalism, etc.

Business, Management and Administration - careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

Education and Training - careers in planning, managing and providing education and training services, and related learning support services.

Finance - careers in services for financial and investment planning, banking, insurance, and business financial management.

Government and Public Administration - focuses on the careers unique to government, including governance, national security, regulation, and management and administration at the local, state, and federal levels.

Health Science - careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Hospitality and Tourism - careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.

Human Services - careers that prepare individuals for employment that relates to families and human needs.

Information Technology - entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.

Law, Public Safety and Security - careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Manufacturing - careers in planning, managing and performing the processing of materials into intermediate or final products, and related professional and technical support activities.

Marketing, Sales and Service - careers in planning, managing, and performing marketing activities to reach organizational objectives.

Science, Technology, Engineering and Mathematics (STEM) - careers in planning, managing, and providing scientific research and professional/technical services, including research and development services.

Transportation, Distribution and Logistics - careers in the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water, and related professional/technical support services.

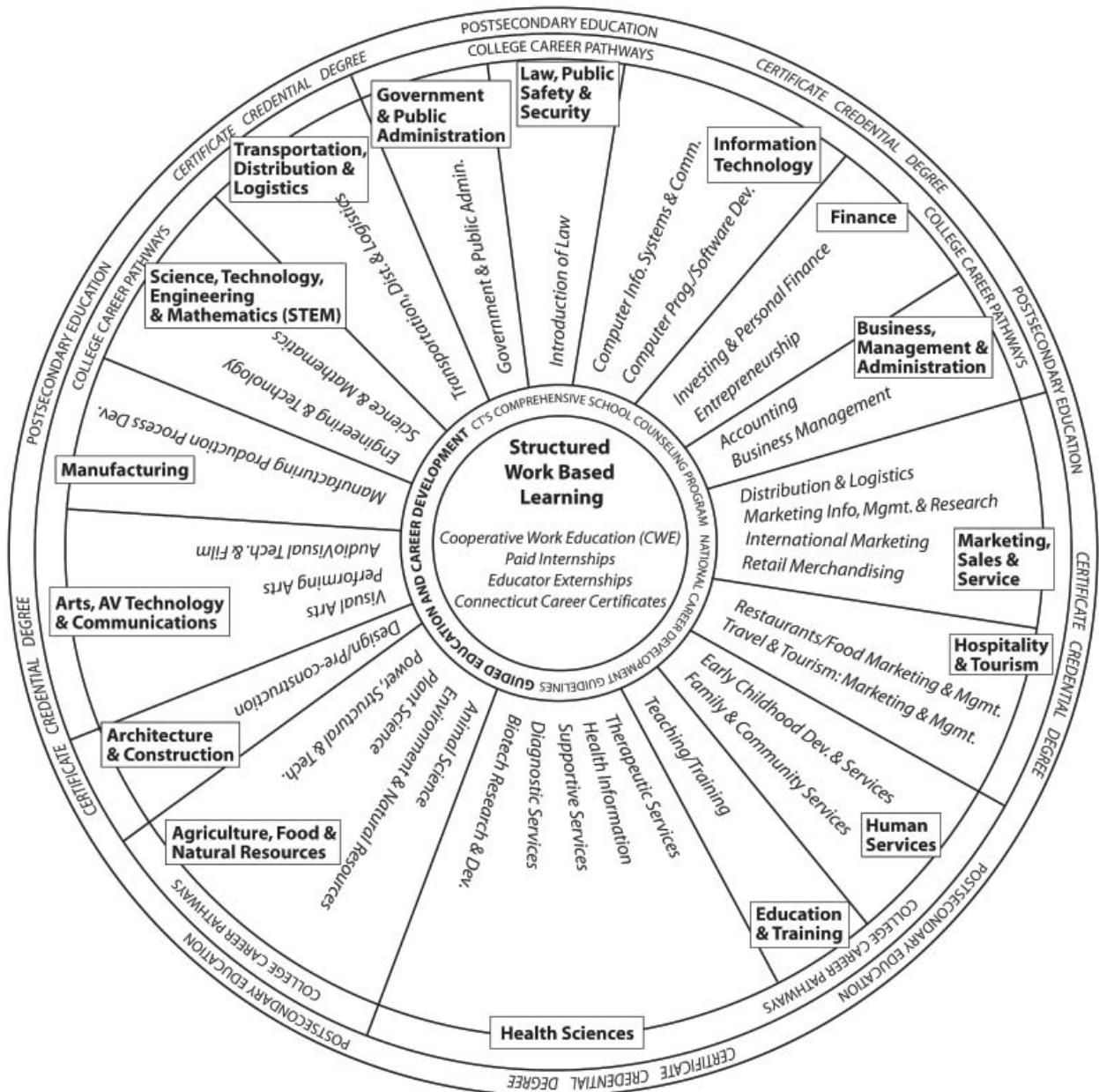
For more information regarding the Connecticut Career Pathways Initiative, go to CT State Department of Education's website at: <http://www.sde.ct.gov/sde/cwp/view.asp?a=2678&q=320802>

Connecticut Career Pathways Initiative

Connecticut's **Career Pathways Initiative** builds upon the foundation established through Connecticut's School-to-Career Initiative and Legislation to connect secondary education to postsecondary education and careers within the context of career clusters. The **Career Pathways Initiative** offers all students opportunities to connect their classroom learning to possible careers, preparing them to make more informed decisions regarding secondary academic and elective course enrollment, postsecondary plans and eventually, careers.

The **Career Pathways Initiative** integrates vigorous academic courses and career-related electives with experiential learning and comprehensive school counseling. Student Success Plans, based on the State's 34 career pathways augmented by Individual Planning Portfolios, organize each student's secondary and post-secondary education in a flexible, evolving format, reflecting Connecticut's Comprehensive School Counseling Program Model of 2008.

The U.S. Department of Education, Office of Vocational and Adult Education (OVAE), has identified 16 career clusters that encompass ALL occupational titles nationwide. Connecticut has adopted these 16 career clusters, replacing the previous nine school-to-career classifications. In addition, Connecticut has selected 34 of the 81 career pathways established within the 16 clusters to implement initially, based on Connecticut's current labor and economic needs, and growing careers across a wide business and industry spectrum (see the Career Pathways Wheel below).



Connecticut Career Table

Table is organized by Connecticut's 16 Career Clusters. See page 6 for occupational cluster descriptions.

Related Courses and Subjects: Taking courses and electives in a career cluster of interest is a great way to explore career paths.

Occupational Title, Job Description, and SOC Code: This column indicates the title and duties of each occupation. The Standard Occupational Classification (SOC) System classifies occupations based upon work performed and on required skills, education, training, and credentials. The duties performed will depend upon the employer, training, and experience. Each occupation is identified by a code that can be used to find more detailed information about that occupation in reference books or via online data applications.

Job Outlook and Wages: Based on CT 2008–2018 employment projections; and CT OES wage data (2008 - 1st quarter)

Education and Training Routes: Typical requirements to work in the profession are listed with the abbreviations below:

OJT	On-the-Job training by the employer
Appren	Apprenticeship training from two to four years in length, depending upon the trade
HS	High School or Technical High School diploma or equivalent
Cert	Up to two years of post-secondary training resulting in a diploma, certificate or license
Assoc	Associate's degree program requiring two years of college
Bach	Bachelor's degree program requiring four or more years of college
MA/MS	Master's degree program requiring one to two years of college beyond the Bachelor's level
MBA	Master's degree program in business administration
Ph.D.	Doctorate degree program requiring four to five years beyond the Bachelor's level
Military	Training available through the military

Education and Training Site Codes: The three-digit codes correspond to Connecticut schools that offer applicable or related education or training. For the most current information on programs offered by schools, contact them directly.

Basic Skills and Interests: These columns indicate some of the fundamental skills and knowledge that employers often look for in job candidates, and the occupation's typical work environment and outcome that can be matched to your personal interests.

Skills: Developed capacities that facilitate learning or the more rapid acquisition of knowledge.

CT	Critical Thinking - Using logic and reasoning to identify pros and cons of alternative solutions, and approaches to problems.
I	Instructing - Teaching others how to do something.
J	Judgment & Decision Making - Considering the relative costs and benefits of potential actions to choose the most apt one.
Ma	Mathematics - Using mathematics to solve problems.
PS	Problem Solving - Identifying complex problems and reviewing information to evaluate options and implement solutions.
RC	Reading Comprehension - Understanding written sentences and paragraphs in work-related documents.
Sci	Science - Using scientific rules and methods to solve problems.
S	Speaking - Talking to others to convey information effectively.
T	Troubleshooting - Determining causes of operating errors and deciding what to do about it.
TM	Time Management - Managing one's own time and the time of others.
W	Writing - Communicating effectively in writing as appropriate for the target audience.

Source: O*Net basic skills classification system - online.onetcenter.org

Interests: Preferences for work environments and outcomes.

R	Realistic occupations involve work activities that include practical, hands-on problems and solutions.
I	Investigative occupations involve working with ideas, and require an extensive amount of thinking and searching for facts.
A	Artistic occupations involve working with forms, designs and patterns without a clear set of rules; requires self-expression.
S	Social occupations involve working and communicating with people; helping, teaching, or providing services to others.
E	Enterprising occupations involve starting up and carrying out projects, often leading people to make (business) decisions.
C	Conventional occupations involve following set procedures and routines, working with details and data more than with ideas.

To find an occupation or employment data not included in the Career Table or to look up the very latest salary and wage data, visit the Connecticut Department of Labor website at: www1.ctdol.state.ct.us/lmi and select the "Occupational Wages" link from the Data drop-down list, or contact the Office of Research at (860) 263-6285.

Agriculture, Food & Natural Resources

careers in this group range from tree trimmers and landscape architects to environmental engineers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Agricultural Science; Animal Anatomy/Physiology; Animal Science; Biological Science; Biology; Botany; Chemistry; Earth/Environmental Science; Horticulture; Livestock Management; Natural Resources & Management

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Environmental Engineers - Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines. Advise industries and government agencies about environmental policies and standards. (17-2081)	725	21	faster than average	\$86,160 \$41.42	Bach, MA/MS 331, 332, 333, 337	CT, J, PS, RC, S, W (IRC)
Farmworkers and Laborers, Crop, Nursery and Greenhouse - Plant, cultivate, and harvest vegetables, fruits, nuts, horticulture specialties, and field crops. Till soil and apply fertilizers; transplant, weed, or prune crops; apply pesticides; sort, pack and load harvested products. (45-2092)	2,703	77	slower than average	\$28,230 \$13.57	HS, OJT	Ma, S, TM (R)
Landscape Architects - Plan and design land areas for parks and other recreational facilities, airports, highways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites. (17-1012)	436	11	average	\$77,290 \$37.16	Bach, MA/MS 331	CT, J, Ma, PS, RC, TM, W (AIR)
Landscaping and Groundskeeping Workers - Maintain grounds of property by sod laying, mowing, trimming, planting, watering, fertilizing, mulching, weeding, edging, digging, raking, sprinkler installation and installation of masonry walls. Decorate gardens with stones and plants. (37-3011)	16,926	359	faster than average	\$31,110 \$14.96	HS, OJT, Cert 225, 331	RC, S, TM (RC)
Nonfarm Animal Caretakers - Feed, water, groom, bathe, exercise, or otherwise care for pets and other nonfarm animals, e.g. dogs, cats, fish or birds, in kennels, animal shelters, zoos, aquariums, etc. Examine and observe animals to detect signs of illness, disease, or injury. (39-2021)	2,641	77	much faster than average	\$24,200 \$11.63	HS, OJT, Cert 026, 600	I, J, RC, S, TM (RC)
Pest Control Workers - Spray or release chemical solutions or toxic gases and set traps to kill pests and vermin, such as mice, termites, and roaches, that infest buildings and surrounding areas. (37-2021)	447	18	average	\$34,130 \$16.41	HS, OJT	J, RC, S, TM (RC)
Refuse and Recyclable Material Collectors - Collect and dump refuse or recyclable materials from refuse containers into truck. Drive trucks along established routes through residential streets, or through business and industrial areas to disposal sites to empty trucks. (53-7081)	1,730	53	slower than average	\$34,080 \$16.39	HS, OJT	CT, RC, S (RS)
Tree Trimmers and Pruners - Cut away branches from trees, or clear branches around utilities using climbing equipment or truck-mounted lifts. Inspect trees for disease and pest problems, fill cavities in trees to prevent deterioration. Collect and shred debris in work area sites. (37-3013)	916	23	much faster than average	\$41,810 \$20.10	HS, OJT	CT, I, RC, S, TM (R)
Water/Liquid Waste Treatment Plant and System Operators - Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or liquid waste. (51-8031)	640	17	average	\$50,430 \$24.24	HS, OJT, Cert 221, 222, 224, 225, 226, 227, 230, 231, 232	CT, Ma, RC, T (RC)

Architecture & Construction

careers in this group range from glaziers, cost estimators, and electricians to civil engineers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Advanced Algebra; Calculus; Computer-Aided Drafting/Applications; Design & Construction; Geometry; Applied Technology, Safety, Health & the Workplace Environment; Woodworking

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Architects - Plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property. Prepare contract documents for building contractors. Conduct periodic on-site observation of work during construction to monitor compliance with plans. (17-1011)	1,755	35	slower than average	\$91,710 \$44.10	Bach, MA/MS 332, 337	CT, PS, RC, S, TM, W (AIER)
Architectural and Civil Drafters - Prepare detailed drawings of architectural designs/plans for buildings and structures, provide topographical and relief maps for civil engineering projects, e.g. highways, bridges, pipelines, flood control projects, and water/sewage control systems. (17-3011)	877	19	much slower than average	\$54,980 \$26.44	Assoc, Cert, Military, O29, O85, O86, O87, O88, 225, 227, 268, 274, 280	CT, I, Ma, PS, RC, S (ARIC)
Brickmasons and Blockmasons - Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terracotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers, and other structures. (47-2021)	993	25	much slower than average	\$55,970 \$26.91	HS, Appren, OJT 260, 261, 268	CT, J, Ma, RC, S, TM (RCI)
Carpenters - Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms. Build frameworks, including partitions, joists, rafters, wood stairways, window/door frames, and hardwood floors. May also install cabinets, siding, drywall, and batt or roll insulation. (47-2031)	11,309	153	slower than average	\$50,630 \$24.34	HS, Appren, OJT 260, 261, 263-265, 267-270, 272-276, 278, 280, 627	CT, J, Ma, TM (RCI)
Construction and Building Inspectors - Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations. Inspections may be general or limited to a specific area, such as electrical systems or plumbing. (47-4011)	711	18	average	\$62,780 \$30.18	HS, Cert, Assoc Experience in a Related Field 092, 608	CT, J, PS, RC, S, W (RCI)
Construction Laborers - Perform tasks involving physical labor at building, highway, and heavy construction projects, tunnel and shaft excavations, and demolition sites. May operate hand and power tools of all types, and a variety of other equipment and instruments.(47-2061)	10,091	140	average	\$43,190 \$20.76	HS, Appren, OJT	CT, I, Ma, S (RC)
Construction Managers - Plan, direct, coordinate, or budget, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. (11-9021)	6,980	90	average	\$103,280 \$49.65	Bach, Cert, Experience in a Related Field 227, 231, 305, 627	CT, J, RC, S, W (ERC)
Cost Estimators - Prepare cost estimates for product manufacturing, construction projects, or services to aid management in bidding on or determining price of product or service. Analyze blueprints and other documentation to prepare time, cost, materials, and labor estimates. (13-1051)	2,803	85	faster than average	\$68,920 \$33.14	Assoc, Bach, MA/MS Exp. in a Related Field, 227, 229, 230, 231, 305	CT, J, Ma, PS, RC, S, W (CE)
Electricians - Install, maintain, and repair electrical wiring, equipment, and fixtures. Plan layout and installation of electrical wiring, equipment and fixtures, based on job specifications and local codes. May install or service street lights, intercom systems, or electrical control systems. (47-2111)	7,541	187	much slower than average	\$54,340 \$26.13	Appren, OJT, Cert O29, O77, O85-088, 221-228, 230, 232, 260-261, 263-265, 267-276, 278, 280, 410, 473, 622	CT, J, PS, RC, T (RIC)

Architecture & Construction *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Hazardous Materials Removal Workers - Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead-based paint, waste oil, fuel, transmission fluid, radioactive materials, contaminated soil, etc. (47-4041)	378	11	much slower than average	\$37,200 \$17.88	HS, Military, OJT, Cert, 226, 333, 567	CT, I, RC (RC)
Heating, A/C and Refrigeration Mechanics/Installers - Install, service, and repair heating and A/C systems in residential and commercial sites. Obtain and maintain required certifications. Test electrical circuits and components for continuity, reassemble and test equipment. (49-9021)	5,007	107	average	\$54,120 \$26.02	HS, Appren, Cert, Military, 029, 038, 077, 085-088, 092, 263, 265-267, 269, 270, 272-274, 276, 280, 410, 627	CT, RC, T (RCI)
Highway Maintenance Workers - Maintain highways, municipal and rural roads, airport runways, and rights-of-way. Duties include patching broken or eroded pavement, repairing guard rails, highway markers, and snow fences. Inspect, clean, and repair drainage systems, bridges, tunnels, etc. (47-4051)	1,770	50	slower than average	\$48,400 \$23.27	HS, OJT, Military	CT, J, RC, T (RC)
Maintenance and Repair Workers - Perform maintenance work to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting, insulating, welding, carpentry and repairing electrical and mechanical equipment. (49-9071)	11,563	242	average	\$43,490 \$20.90	HS, OJT	CT, RC, T (RCI)
Operating Engineers and Construction Equipment Operators - Operate any type of power construction equipment, e.g. graders, bulldozers, scrapers, compressors, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, pour concrete, etc. (47-2073)	3,301	68	slower than average	\$56,420 \$27.12	HS, OJT	I, J, RC (RCI)
Painters, Construction and Maintenance - Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency. (47-2141)	3,312	58	much slower than average	\$37,380 \$17.97	HS, OJT, Appren	I, RC, S, TM (RC)
Paving, Surfacing and Tamping Equipment Operators - Operate equipment used for applying concrete, asphalt, or other materials to road beds, parking lots, or airport runways and taxiways, or equipment used for tamping gravel, dirt, or other materials. (47-2071)	507	9	slower than average	\$51,900 \$24.96	HS, OJT, Appren	CT, I, S, T (RC)
Plumbers, Pipefitters and Steamfitters - Assemble, install, alter, and repair pipelines or pipe systems that carry liquids or gases. Perform complex calculations and planning for special or very large jobs. Review blueprints and building codes to determine details and procedures. (47-2152)	5,615	113	slower than average	\$58,370 \$28.07	HS, Appren, Cert, OJT, 260, 261, 263, 264, 265, 267-269, 271, 272, 274, 275, 278, 410, 627	CT, I, J, PS, S, TM (RCI)
Security and Fire Alarm Systems Installers - Install, maintain, or repair security systems, alarm devices, and related equipment, following blueprints of electrical layouts and building plans. (49-2098)	684	15	average	\$50,430 \$24.24	HS, Appren, Cert, OJT	CT, I, PS, RC, T (RC)
Surveyors - Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, etc. (17-1022)	725	20	slower than average	\$59,620 \$28.66	Bach	CT, J, PS, RC, S, TM, W (RCI)
Telecommunications Line Installers and Repairers - String and repair telephone and television cable for transmitting messages or television programming. Inspect/test lines and cables, recording and analyzing test results, to assess transmission characteristics and locate faults. (49-9052)	1,064	25	faster than average	\$50,750 \$24.39	HS, Appren, OJT, Cert 410	CT, I, RC, S, T (RE)

Arts, A-V Technology & Communications

careers in this group range from community theatre actors to graphic designers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:
 Art/A-V Technology & Communications; Band/Choir; English Composition; Fashion/Interior Design; Graphic Design; History; Information Technology; Journalism; Literature; Music Theory; Performing Arts; Photography; Speech/Communication; Technical Writing; Theater & Playwriting

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Actors - Play parts in stage, television, radio, video, or motion picture productions for entertainment, information, or instruction. Interpret serious or comic role by speech, gesture, and body movement to entertain or inform audience. May dance and sing. (27-2011)	281	8	average	N/A \$19.13	HS, Assoc, Bach, Experience in a Related Occupation	CT, J, RC, S, TM (AE)
Art Directors - Formulate design concepts and presentation approaches, and direct workers engaged in art work, layout design, and copy writing for visual communications media, such as magazines, books, newspapers, and packaging. (27-1011)	1,475	41	average	\$77,640 \$37.33	Assoc, Bach, MA/MS 105, 221-232, 301, 305-308, 315, 319, 322-323, 327, 330-335, 337, 346, 351	CT, J, RC, S, TM (AE)
Audio and Video Equipment Technicians - Set up and operate audio and video equipment for concerts, sports events, meetings and conventions, presentations, and news conferences. May also set up and operate associated spotlights and other custom lighting systems. (27-4011)	1004	44	much faster than average	\$45,440 \$21.85	HS, OJT, Cert, Assoc., 221, 226, 231, 232, 303	CT, J, RC, S, T, TM (RIC)
Broadcast Technicians - Set up, operate, and maintain the electronic equipment used to transmit radio and TV programs. Control audio equipment to regulate volume level and quality of sound during radio and TV broadcasts. Operate radio transmitter to broadcast radio and TV programs. (27-4012)	611	22	average	\$38,680 \$18.60	Cert, Assoc, Appren, OJT 028, 029, 042, 221, 226, 231, 232, 303	CT, J, RC, T (RCI)
Camera Operators - Operate television, video, or motion picture camera to photograph images or scenes for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. Gather and edit raw footage on location to send to television affiliates for broadcast. (27-4031)	727	25	much faster than average	N/A	HS, Assoc, Cert, OJT	CT, RC, S, TM (RA)
Commercial and Industrial Designers - Develop and design manufactured products, e.g. cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design. (27-1021)	586	18	much slower than average	\$58,140 \$27.96	Assoc, Bach, Cert 105, 221-229, 231, 232, 305, 315, 319, 330, 332, 333, 351	CT, J, Ma, RC, T, TM, W (AER)
Film and Video Editors - Edit films and videotapes to insert music, dialogue, and sound effects, to arrange films into sequences, and to correct errors, using editing equipment. Determine the specific audio and visual effects and music necessary to complete films. (27-4032)	460	17	much faster than average	\$41,170 \$19.79	Assoc, Bach, Experience in a Related Occupation	CT, S, T, TM (AEI)
Fine Artists - Create original artwork using any of a wide variety of mediums and techniques, such as painting and sculpture. Render drawings, illustrations, and sketches of buildings, manufactured products, or models, working from sketches, blueprints, models, or reference materials. (27-1013)	161	4	average	\$62,560 \$30.08	Assoc, Bach, Experience in a Related Occupation	J, RC, S, TM (AR)
Graphic Designers - Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos, using various computer software programs. Create designs, concepts, and sample layouts based on knowledge of layout principles and esthetic design. (27-1024)	3,969	132	slower than average	\$56,480 \$27.16	Assoc, Bach, Cert 105, 221-229, 231, 232, 305, 315, 319, 330, 332, 333, 351	CT, J, PS, S, TM (ARE)

Arts, A-V Technology & Communications *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Multi-Media Artists and Animators - Create special effects, animation, or other images using film, video, computers, or other electronic tools/media for use in computer games, movies, music videos, and commercials. Create basic designs for product labels, direct mail, etc. (27-1014)	1,068	31	average	\$56,930 \$27.37	Assoc, Bach, Cert 222-229, 231, 232, 321, 322, 332, 351, 510, 557, 558, 559, 561, 612	CT, J, RC, S, TM, W (AI)
Musicians and Singers - Sing and compose songs, as a soloist or as a member of a vocal group, on stage, radio, TV, or motion pictures. Play one or more musical instruments in recital, in accompaniment, or as members of an orchestra, band, or other musical group. (27-2042)	1,186	26	slower than average	N/A \$33.69	OJT, Bach, MA/MS, Experience in a Related Field 060, 305, 306, 323, 327, 330-335, 337	CT, RC, S, TM (AE)
Photographers - Photograph persons, subjects, merchandise, etc. Determine desired images and picture composition, and select/adjust subjects, equipment, and lighting for desired effects. Enhance, retouch, and resize photographs and negatives using air-brushing and other techniques. (27-4021)	1,813	43	average	N/A	HS, OJT, Cert, Assoc, Bach 228, 232, 319, 332	J, S, TM (AR)
Printing Machine Operators - Set up or operate various types of printing machines, such as offset, letter-set, intaglio, or gravure presses or screen printers to produce print on paper or other materials. (51-5112)	2,244	49	much slower than average	\$33,840 \$16.27	HS, Appren, OJT Exp. in a Related Field, 231, 260, 261, 263, 264, 267, 269, 272, 273	CT, I, RC, T (RC)
Producers and Directors - Produce or direct stage, TV, radio, video, or movie productions for entertainment, information, or instruction. Responsible for creative decisions, e.g. interpretation of script, choice of guests, set design, sound, special effects, and choreography. (27-2012)	2,336	96	much faster than average	\$80,710 \$38.80	Assoc, Bach 223, 305, 306, 321, 323, 327, 331, 332, 334, 335, 337	CT, J, RC, S, TM, W (EA)
Public Address System and Other Announcers - Make announcements over loud speaker at sporting or other public events. May act as master of ceremonies or disc jockey at weddings, parties, clubs, or other gathering places. (27-3012)	159	6	faster than average	\$28,420 \$13.67	Cert, OJT	S (SEA)
Sound Engineering Technicians - Operate machines and equipment to record, synchronize, mix, or reproduce music, voices, or sound effects in sporting arenas, theater productions, recording studios, or movie and video productions. (27-4014)	367	15	much faster than average	\$58,880 \$28.30	Assoc, Bach, OJT	CT, RC, T (RA)
Technical Writers - Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work. Organize material and complete writing assignment according to set standards regarding order, clarity, style, and terminology. (27-3042)	834	20	faster than average	\$59,650 \$28.67	Assoc, Bach, MA/MS 066, 224, 321, 322, 323, 330, 331, 332, 333, 335, 612	CT, J, PS, RC, TM, W (AIC)
Writers and Authors - Write advertising copy for use by publication, broadcast or internet media. Invent names for products and write the slogans that appear on packaging, brochures and other promotional material. Create original written works, e.g. scripts, essays, poetry, or song lyrics. (27-3043)	1,913	50	average	\$70,310 \$33.80	Assoc, Bach 066, 224, 321, 322, 323, 330, 331, 332, 333, 335, 612	CT, RC, S, TM, W (EA)

BEST JOBS FOR PEOPLE WHO ARE... ARTISTIC

Many people enjoy decorating their home, orchestrating a wardrobe, or tending a colorful garden. But for some folks, this creativity is much more than a hobby. True artistic types prefer jobs where they can do creative, expressive work rather than structured tasks. They think of themselves as nonconformist. Here are some top career picks for those with the artistic temperament:

**Landscape Architect • Literature or Arts Teacher • Graphic Designer • Editor
Theatre/Film Director or Producer • Interior Designer • Choreographer • Photographer**

Business, Management & Administration

careers in this group range from stock clerks to general managers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Accounting; Advertising; Algebra; Business Law; Business Management; Calculus; Computer Applications; Economics; English Literature/Composition; Finance; Geometry; Office Technologies; Physics; Speech/Communication; Statistics; Technical Writing; World Issues; World Languages

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Accountants and Auditors - Examine, analyze, and interpret accounting records for the purpose of giving advice or preparing financial statements and reports concerning operating procedures. Install or advise on systems of recording costs of other financial and budgetary data. (13-2011)	19,339	485	faster than average	\$72,600 \$34.90	Bach, MA/MS, MBA 305, 307, 308, 320, 321, 322, 326, 330, 331, 332, 333, 335	CT, J, Ma, RC (CE)
Administrative Services Managers - Plan, direct, or coordinate supportive services of an organization, such as recordkeeping, mail distribution, telephone operator/receptionist, and other office support services. May oversee facilities planning and maintenance and custodial operations. (11-3011)	4,368	110	average	\$82,570 \$39.69	Bach, MA/MS	I, RC, S, TM, W (EC)
Bookkeeping, Accounting and Auditing Clerks - Compute, classify, and record numerical data to keep financial records complete, accurate, and current. Perform routine calculating, posting, and verifying duties to obtain primary financial data for use in accounting records. (43-3031)	24,045	343	slower than average	\$40,730 \$19.58	HS, Cert, OJT, Assoc 079, 221-227, 229, 230, 231, 232, 303, 315, 320 321, 322, 347, 629	CT, Ma, RC, S, TM, W (CE)
Budget Analysts - Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations. Analyze budgeting and accounting reports for the purpose of maintaining expenditure controls. Seek new ways to improve efficiency and increase profits. (13-2031)	1,037	22	slower than average	\$75,550 \$36.32	Bach, MA/MS, MBA 305, 307, 308, 320, 321, 322, 323, 326, 330, 331, 332, 333, 335	CT, J, Ma, PS, RC, S, W (CEI)
Compensation, Benefits and Job Analysis Specialists - Conduct programs of compensation and benefits and job analysis for employer. Administer employee insurance, pension/savings plans, evaluate job positions, determining classification, exempt or non-exempt status, and salary. (13-1141)	1,268	44	faster than average	\$65,290 \$31.39	Bach 320, 333	CT, J, RC, S, TM, W (CE)
Customer Service Representatives - Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. Keep records of customer interactions, transactions, and details of inquiries, complaints, actions taken, etc. (43-4051)	32,476	1,237	faster than average	\$38,780 \$18.65	HS, Cert, Assoc 223, 226, 347	CT, RC, S, TM, W (ESC)
Executive Secretaries and Administrative Assistants - Provide high-level administrative support, e.g. prepare statistical reports, conduct research, etc. Prepare correspondence, receive visitors, arrange conference calls, schedule meetings, and maintain executives' schedules. (43-6011)	21,447	370	slower than average	\$49,870 \$23.98	Assoc, OJT, Cert., 001, 017, 039, 079, 221-232, 303, 347, 351, 415, 439, 502, 629	CT, RC, S, TM, W (CE)
General and Operations Managers - Plan, direct, or coordinate the operations of companies. Formulate policies, oversee management, planning, and administration of daily operations that include purchasing/fiscal budgets, administrative services, and personnel, etc. (11-1021)	29,241	902	much slower than average	\$132,690 \$63.79	Bach, MA/MS, MBA, 301, 305, 308, 310, 315, 320-323, 326, 330-333, 335, 337, 339	CT, J, PS, RC, S, TM (ECS)
Human Resources Assistants - Compile and keep personnel records. Record data for each employee, such as address, weekly earnings, absences, amount of sales or production, supervisory reports on ability, and date/reason for termination. Prepare reports from employment records. (43-4161)	1,454	47	much slower than average	\$44,470 \$21.38	HS, OJT, Assoc, Cert, 001, 017, 039, 062, 221-232, 303, 351, 502, 629	CT, I, Ma, RC, S, TM, W (CES)

Business, Management & Administration *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Human Resources Managers - Plan, direct, and coordinate human resource management activities of an organization to maximize the strategic use of human resources and maintain functions, e.g. employee compensation, recruitment, personnel policies, and regulatory compliance. (11-3121)	1,448	34	slower than average	\$109,110 \$52.45	Bach, MA/MS Exp. in a Related Occupation, 320, 333	CT, J, RC, S, TM, W (ESC)
Human Resources Specialists - Interview job applicants to match their qualifications with employers' needs, and refer qualified applicants to employers. Perform reference and background checks on applicants. (13-1071)	3,385	116	faster than average	\$63,640 \$30.59	Assoc, Bach, Cert 320, 333	CT, J, RC, S, TM, W (ESC)
Legal Secretaries - Prepare and process legal documents such as summonses, subpoenas, complaints, appeals, motions, and pre-trial agreements. Take notes at legal meetings, such as client interviews, hearings, or depositions. Maintain law libraries and document case files. (43-6012)	2,530	41	slower than average	\$48,350 \$23.25	Assoc, Cert 062, 079, 223, 224, 225, 226, 229, 231, 303, 629	CT, J, RC, S, TM, W (CE)
Management Analysts - Conduct organizational studies and evaluations, design systems and procedures, conduct work simplifications and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. (13-1111)	11,881	232	slower than average	\$88,630 \$42.61	Bach, MA/MS, MBA, 301, 305, 307, 308, 310, 315, 320-323, 326, 330-333, 335, 337, 339, 349	CT, I, J, RC, TM (IEC)
Medical Secretaries - Perform duties utilizing specific knowledge of medical terminology and hospital, clinic, or laboratory procedures. Duties include scheduling appointments, billing patients, and compiling and recording medical charts, reports, and correspondence. (43-6013)	3,836	88	faster than average	\$37,140 \$17.98	Assoc, Cert, 001, 015, 017, 039, 062, 079, 095, 221-222, 224-226, 228-232, 303, 347, 352, 415, 439, 447, 463, 469, 490, 502, 629	CT, RC, S, TM, W (CS)
Meeting, Convention and Event Planners - Coordinate activities of staff and convention personnel to make arrangements for group meetings and conventions. Plan and coordinate services for participants, e.g. accommodation and transportation, security, catering, displays, agendas, etc. (13-1121)	706	21	faster than average	\$56,170 \$27.00	Assoc, Bach, Cert, OJT, Experience in a Related Field 017, 095, 224, 225, 227, 229, 231, 303, 333, 345, 415, 439	CT, J, PS, S, TM (ECS)
Payroll and Timekeeping Clerks - Complete time sheets showing employees' attendance. Compute and post wages/deductions. Verify attendance, hours worked, and pay adjustments to update payroll records. Process and issue employee paychecks, prepare earnings/deductions statements. (43-3051)	1,920	54	much slower than average	\$41,770 \$20.08	HS, Cert, OJT 079, 221-227, 229, 230-232, 303, 315, 320-322, 347, 629	CT, J, Ma, RC, S, TM, W (CE)
Public Relations and Fund Raising Managers - Plan and direct public relations programs designed to create and maintain a favorable public image for organization or client; or if engaged in fund-raising, plan and direct activities to solicit and maintain funds for special projects or nonprofit organizations. (11-2031)	1,266	38	average	\$99,120 \$47.65	Bach, MA/MS, Exp. in a Related Occupation, 301, 305, 307, 308, 321-323, 331-333, 335	CT, RC, S, TM, W (EA)
Public Relations Specialists - Promote and create good will for individuals, groups, or organizations by preparing favorable material and releasing it through various communications media. Arrange public appearances, lectures, etc. for clients to increase product/personal visibility. (27-3031)	3,167	109	much faster than average	\$57,760 \$27.77	Assoc, Bach 222, 224, 226, 227, 229, 232, 301, 305, 307, 308, 321-323, 331-333, 335	CT, J, RC, S, TM, W (EAS)
Receptionists and Information Clerks - Answer inquiries and obtain information for general public, customers, visitors, and other interested parties. Provide information regarding activities conducted at establishment, location of departments, offices, and employees within an organization. (43-4171)	15,581	474	slower than average	\$31,682 \$15.23	HS, OJT, Cert 223, 224, 226, 228, 231, 347, 629	CT, RC, S, TM, W (CES)
Training and Development Specialists - Conduct training and development programs for employees. Present information using formats like role-playing, team exercises, group discussions, videos and lectures. Schedule classes, obtain course materials, arrange location and instructors. (13-1151)	3,878	137	faster than average	\$63,340 \$30.45	Bach, MA/MS 320, 333	I, PS, RC, S, TM, W (SAC)

Education & Training

careers in this group range from fitness trainers & aerobics instructors to education system administrators

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

American Government/History; Career Exploration in Education & Training; Child Development/Psychology; Computer Applications; English Composition; Home Economics; Parenting; Philosophy; Psychology; Social Studies; Sociology; Speech/Communication; Statistics; World Issues; World Languages

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Art, Drama, and Music Teachers, Postsecondary - Prepare and deliver lectures to undergraduate or graduate students on topics such as acting techniques, fundamentals of music, and art history. Organize performance groups and direct their rehearsals. (25-1121)	1,039	29	faster than average	\$75,800 N/A	Bach, MA/MS, Experience in a Related Field	CT, I, RC, S, TM (SA)
Business Teachers, Postsecondary - Prepare and deliver lectures to undergraduate or graduate students on topics such as financial accounting, principles of marketing, and operations management. Advise students on academic/vocational curricula and career issues. (25-1011)	2,015	58	much faster than average	\$128,800 N/A	Bach, MA/MS, Experience in a Related Field	CT, I, RC, S, TM, W (SEI)
Education Administrators, Elementary and Secondary - Plan, direct, coordinate the academic, clerical, or auxiliary school activities. Review and approve new programs. Oversee the preparation and maintenance of attendance, activity, planning, or personnel reports and records. (11-9032)	3,386	120	average	\$112,140 N/A	Bach, MA/MS, Experience in a Related Field 305, 308, 322, 23, 326, 330-333, 335, 337	CT, I, RC, S, TM (ESC)
Education Administrators, Postsecondary - Plan, direct, or coordinate research, instructional, student administration and services, and other educational activities at postsecondary institutions, including universities, colleges, and junior and community colleges. (11-9033)	2,290	71	slower than average	\$103,933 \$49.97	Bach, MA/MS, Experience in a Related Field 305, 308, 322, 323, 326, 330-333, 335, 337	CT, I, RC, S, TM, W (ECS)
Education Administrators, Preschool and Childcare Center/Program - Plan, direct, or coordinate the academic/nonacademic activities of preschool and child care centers or programs. Recruit, hire, train, and evaluate primary and supplemental staff, and recommend personnel actions for programs and services. (11-9031)	1,109	41	faster than average	\$48,540 \$23.34	Bach, MA/MS, Experience in a Related Field 305, 308, 322, 323, 326, 330-333, 335, 337	CT, I, RC, S, TM (ESC)
Educational, Guidance, School and Vocational Counselors - Counsel students regarding course/program selection, class scheduling, study habits, and career planning. Meet with parents, teachers, and other counselors to resolve students' personal, behavioral, and academic problems. (21-1012)	4,260	108	average	\$59,310 \$28.51	Bach, MA/MS 305, 308, 323, 326, 330, 331, 332, 335	CT, RC, S, TM, W (S)
Elementary School Teachers excluding Special Education - Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. Prepare, administer, grade tests and work to evaluate students' progress. (25-2021)	20,549	691	much faster than average	\$67,500 N/A	Bach, MA/MS 305, 306, 307, 308, 315, 321, 322, 323, 326, 330-332, 335	CT, I, RC, S, TM, W (SAC)
Fitness Trainers and Aerobics Instructors - Instruct or coach individuals in exercise activities and the fundamentals of sports. Demonstrate techniques and methods of participation. Observe participants and inform them of corrective measures to improve their fitness level and sport skills. (39-9031)	5,103	180	much faster than average	\$41,120 \$19.77	HS, Cert, Assoc, Bach, 224, 225, 228, 229, 231, 305, 307, 315, 323, 331, 625	I, S, TM (SRE)
Graduate Teaching Assistants - Assist faculty members in college or university by teaching lower level classes or related duties, such as developing teaching materials, preparing and grading examinations or papers. You also must be enrolled in a graduate school program. (25-1191)	4,030	117	much faster than average	N/A	Bach, Experience in a Related Field	CT, I, RC, S, TM (SC)

Education & Training *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Kindergarten Teachers, excluding Special Education - Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. (25-2012)	2,157	66	much faster than average	\$62,650 N/A	Bach, MA/MS 305, 306, 307, 323, 326, 332	I, RC, S, TM, W (SA)
Librarians - Workplaces include public libraries, schools, colleges/universities, museums, government agencies, health care providers, etc. Tasks include selecting, acquiring, cataloguing, classifying, circulating, and maintaining library materials. Perform in-depth, strategic research for patrons. (25-4021)	2,357	70	slower than average	\$63,790 \$30.67	MLS, Ph.D. 323	I, RC, S, W (CSE)
Library Technicians - Assist librarians by helping patrons use library catalogs, databases, and indexes to locate books and other materials, and by answering standard library reference questions. Compile records, sort/shelve books, register patrons, check materials via circulation process. (25-4031)	1,961	98	average	\$37,270 \$17.92	HS, Assoc, Cert 222, 227	CT, I, RC, S, TM (CSE)
Middle School Teachers, excluding Special and Career/Technical Education - Teach students in public or private schools in one or more subjects at the middle, intermediate, or junior high level. Establish clear objectives for all lessons, units, and projects, and communicate these objectives to students. (25-2022)	11,810	393	much faster than average	\$68,560 N/A	Bach, MA/MS 305, 306, 307, 321, 322, 323, 326, 330, 332, 333, 355	CT, I, RC, S, TM (SA)
Preschool Teachers, excluding Special Education - Instruct children (normally up to 5 years of age) in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. (25-2011)	8,579	283	faster than average	\$30,430 \$14.63	HS, Assoc, Cert, Bach 305, 306, 307, 323, 326, 332	CT, I, RC, S, TM, W (SA)
Secondary School Teachers, excluding Special and Career/Technical Education - Instruct students in secondary schools in one or more subjects such as English, mathematics, or social studies. May be designated according to subject matter specialty, such as typing instructors, or English teachers. (25-2031)	15,977	562	average	\$66,610 N/A	Bach, MA/MS, 305-308, 322, 323, 326, 330-332, 335, 355	CT, I, RC, S, TM (SAE)
Self-Enrichment Education Teachers - Teach or instruct courses other than those that normally lead to an occupational objective or degree. Courses may include self-improvement, non-vocational, and nonacademic subjects. (25-3021)	2,548	66	faster than average	\$58,370 \$28.06	Experience in a Related Field and/or Subject Area	I, S, TM (SAE)
Special Education Teachers, Middle School - Teach middle school subjects to educationally and physically handicapped students. Teach socially acceptable behavior, employing techniques such as behavior modification and positive reinforcement. (25-2041)	1,538	58	much faster than average	\$67,830 N/A	Bach, MA/MS 305, 308, 323, 326, 331, 332	I, RC, S, TM, W (SA)
Special Education Teachers, Preschool, Kindergarten-Elementary - Teach school subjects to educationally and physically handicapped students. Teach socially acceptable behavior, employing techniques such as behavior modification and positive reinforcement. (25-2041)	3,311	127	much faster than average	\$68,970 N/A	Bach, MA/MS 305, 308, 323, 326, 331, 332	I, RC, S, TM, W (SA)
Teachers Assistants - Prepare lesson materials, bulletin board displays, exhibits, equipment, and demonstrations. Supervise students in classrooms, halls, cafeterias, school yards, gyms, or on field trips. Grade homework and tests. Tutor and assist children to reinforce a teacher's assignment. (25-9041)	29,433	829	average	\$28,960 N/A	HS, OJT, Cert, Assoc 231, 347	CT, I, RC, S, TM (SC)
Vocational Education Teachers, Postsecondary - Includes correspondence school instructors; commercial, industrial, and government. training instructors; and adult ed. instructors who prepare persons to operate industrial machinery, transportation and communications equipment. (25-1194)	893	24	faster than average	\$56,890 \$27.36	Bach, MA/MS, Experience in a Related Field, 305-308, 322, 323, 326, 330, 331, 332, 335, 355	CT, I, RC, S, TM (SR)

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Accounting; Algebra; Banking & Investing; Business Management & Statistics; Calculus;
Computer Applications; Economics; Finance; Geometry; International Business; Office Technology;
Research/Market Research; Statistics; Technical Writing

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Actuaries - Analyze statistical data, such as mortality, accident, sickness, disability, and retirement rates and construct probability tables to forecast risk/liability for payment of future benefits. May ascertain premium rates required and cash reserves to ensure payment of future benefits. (15-2011)	827	29	average	\$100,680 \$48.40	Bach, MA/MS 331, 337	CT, J, Ma, PS, RC, S, TM (CIE)
Bill and Account Collectors - Locate and notify customers of delinquent accounts by mail, phone, etc. to solicit payment. Duties include receiving payment/posting amount to customer's account, preparing statements to credit departments, locate/notify customers of delinquent accounts. (43-3011)	4,607	121	average	\$39,520 \$18.99	HS, Cert, OJT 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 232, 347	CT, J, Ma, RC, S, TM, W (CE)
Brokerage Clerks - Perform clerical duties involving the purchase or sale of securities. Duties include writing orders for stock purchases and sales, computing transfer taxes and equity, verifying stock transactions, distributing dividends, and keeping records of daily transactions/holdings. (43-4011)	1,226	37	much slower than average	\$62,430 \$30.02	HS, Cert, Assoc, OJT, 079, 221-232, 303, 315, 320, 321, 322, 347, 629	CT, J, Ma, RC, S, TM (CE)
Claims Adjusters, Examiners and Investigators - Review settled claims to determine that payments and settlements have been made in accordance with company practices and procedures, ensuring that proper methods have been followed. Report over/underpayments, etc. (13-1031)	5,749	154	slower than average	\$63,610 \$30.58	Assoc, Bach, OJT 301, 305, 307, 308, 315, 320-323, 326, 330-333, 335	CT, J, PS, RC, S, TM, W (CE)
Credit Analysts - Analyze credit data and financial statements of individuals or firms to determine the degree of risk in extending credit or lending money. Evaluate customer records and recommend payment plans based on earnings, savings, payment history, and purchase activity. (13-2041)	1,191	32	faster than average	\$85,200 \$40.96	Bach, MA/MS 305, 308, 320, 321, 322, 330-333, 335	CT, I, J, RC, S, W (CE)
Economists - Study economic and statistical data in area of specialization, such as finance, labor, or agriculture. Conduct research, prepare reports, or formulate plans to aid in solution of economic problems arising from production and distribution of goods and services. (19-3011)	154	5	much slower than average	\$92,080 \$44.27	MA/MS, Ph.D. 301, 305-308, 321, 322, 323, 326, 327, 331-35, 337	CT, J, Ma, PS, RC, TM, W (ICE)
Financial Analysts - Analyze financial information to produce forecasts of business, industry, and economic conditions for making investment decisions. Interpret data affecting investment programs, such as price, yield, stability, future trends in investment risks, and economic influences. (13-2051)	6,592	184	faster than average	\$97,020 \$46.64	Bach, MA/MS, MBA 305, 308, 320, 321, 322, 330-333, 335	CT, J, Ma, PS, RC, TM (CIE)
Financial Examiners - Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions. Review balance sheets, operating income/expense accounts, and loan documentation to confirm an institution's assets/liabilities. (13-2061)	370	14	much faster than average	\$89,860 \$43.20	Bach, MA/MS 305, 308, 320, 321, 322, 330, 331, 332, 333, 335	CT, I, J, RC, TM, W (EC)
Financial Managers - Direct and coordinate the activities of workers in a financial establishment. Evaluate financial reporting systems, accounting and collection procedures, and investment activities, and make recommendations for changes to procedures, operating systems, budgets, etc. (11-3031)	15,031	297	slower than average	\$112,240 \$53.96	Bach, MA/MS, MBA 305, 308, 320, 321, 322, 330, 331, 332, 333, 335	I, J, Ma, RC, TM (EC)

Finance *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Insurance Appraisers, Auto Damage - Appraise auto or other vehicle damage to determine cost of repair for insurance claim settlement and seek agreement with auto repair shop on cost of repair. Prepare insurance forms to indicate repair cost estimates and recommendations. (13-1032)	148	4	much slower than average	\$59,970 \$28.83	Assoc. Cert, Experience in a Related Field, OJT 225, 231	CT, J, Ma, RC, S, TM (CRE)
Insurance Claims and Policy Processing Clerks - Process new insurance policies, modifications to existing policies, and claims forms. Obtain information from policyholders to verify the accuracy and completeness of claims forms, applications, and company records. (43-9041)	6,433	89	much slower than average	\$39,540 \$19.00	HS, Cert, OJT 001, 017, 039, 062, 221-232, 415, 439, 502, 629	CT, RC, S, W (CE)
Insurance Sales Agents - Sell life, property, casualty, health, automotive, or other types of insurance. May refer clients to independent brokers, work as independent broker, or be employed by an insurance company. Calculate premiums and establish payment method. (41-3021)	6,161	158	slower than average	\$73,760 \$35.46	Bach, Experience in a Related Field 331, 332	CT, J, RC, S, TM (ECS)
Insurance Underwriters - Examine documents to determine risk from such factors as an applicant's financial standing, and value of property, and accept/deny applications. Decrease value of policy when risk is substandard and apply rating to ensure safe profitable distribution of risks. (13-2053)	3,546	107	much slower than average	\$78,300 \$37.65	Bach 305, 308, 320, 321, 322, 330, 331, 332, 333, 335	CT, J, PS, RC, S, TM, W (CEI)
Loan Interviewers and Clerks - Interview loan applicants to elicit information, investigate applicants' backgrounds and verify references, prepare loan request papers, and forward findings, reports, and documents to appraisal department. Review/complete transactions upon approval of loan. (43-4131)	1,622	42	slower than average	\$38,380 \$18.46	HS, OJT, Cert 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 232	CT, J, Ma, RC, S, TM, W (CE)
Loan Officers - Evaluate, authorize, or recommend approval of commercial, real estate, or credit loans. Analyze applicants' financial/credit status, and property to determine feasibility of granting loans and compute payment schedules. Conduct credit reviews and update records. (13-2072)	2,773	46	average	\$69,580 \$33.45	Bach 301, 305-308, 320-323, 326, 327, 330-335, 337	PS, RC, S, TM (CES)
Market Research Analysts - Collect and analyze data on customer demographics, needs, and buying habits to identify potential markets/factors affecting product demand. Measure companies' effectiveness of marketing and advertising programs and strategies, and prepare reports on findings. (13-1161)	3,843	139	faster than average	\$67,850 \$32.62	Bach, MA/MS 301, 305-308, 321, 322, 323, 326, 327, 330-335, 337	CT, J, RC, S, TM, W (IEC)
Personal Financial Advisors - Advise clients on financial plans utilizing knowledge of tax/investment strategies, securities, insurance, pension plans, and real estate. Analyze financial information obtained from clients to determine strategies for meeting clients' financial objectives. (13-2052)	5,380	148	much faster than average	\$127,820 \$61.46	Bach, Exp. in a Related Field 223, 224, 305, 308, 320-322, 330-333, 335	CT, J, Ma, RC, S, TM (ECS)
Securities, Commodities and Financial Services Sales Agents - Buy and sell in investment/trading firms, or sell financial services independently to individuals or businesses. May provide loan, tax, and securities counseling, and advise customers about stocks, bonds, and market conditions. (41-3031)	8,477	283	slower than average	\$166,190 \$79.90	Bach, MBA, Experience in a Related Field 305, 308, 320-322, 330-333, 335	CT, J, RC, S, TM (EC)
Survey Researchers - Conduct surveys and collect data, using methods such as interviews, questionnaires, focus groups, market analysis surveys, public opinion polls, literature reviews, and file reviews. Analyze data using statistical software. (19-3022)	835	32	much faster than average	\$51,830 \$24.92	Bach., Experience in a Related Field	CT, J, Ma, RC, S, TM, W (ICE)
Tellers - Process and record customers' and branch bank transactions. Receive checks and cash for deposit, verify amounts and deposit slip accuracy. Cash checks after verifying signatures, accuracy, and sufficient funds. Balance cash drawers, and calculate daily transactions. (43-3071)	6,126	252	slower than average	\$28,060 \$13.49	HS, Assoc. Cert, OJT, 221-230, 232, 347	CT, Ma, RC, S, TM (CE)

Health & Science

careers in this group range from home health aides and dental assistants to chiropractors

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Advanced/Technical Algebra; Anatomy/Physiology; Biology/Biological Science; Calculus; Certified Nurses Aide Training; Chemistry; Health Science & Healthcare; Medical Ethics; Medical Math; Medical Terminology; Microbiology; Nutrition; Physics; Psychology; Research Methods; Research/Technical Writing; Sociology; Statistics; World Language

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Anesthesiologists - Administer anesthetics during surgery or other medical procedures. Monitor patient before, during, and after anesthesia and counteract adverse reactions or complications. Record type and amount of anesthesia and patient condition throughout procedure. (29-1061)	721	19	faster than average	\$230,230 \$110.69	Doctor of Medicine 337, 340	CT, PS, RC, Sci (IRS)
Dental Assistants - Prepare patient, sterilize and disinfect instruments, setup instrument trays, prepare materials, and assist dentist during dental procedures. Record treatment information in patient records. Assist dentist in management of medical and dental emergencies. (31-9091)	4,330	146	much faster than average	\$40,200 \$19.33	Assoc, Cert, OJT 029, 041, 085, 232, 260, 264, 280, 303, 425, 450, 453, 502, 505, 628	I, RC, S, TM (CRS)
Dental Hygienists - Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop X-rays, and apply fluoride or sealants. Chart conditions of tooth decay and oral disease for diagnosis and treatment by dentist. (29-2021)	3,389	118	much faster than average	\$74,060 \$35.60	Assoc, Bach., 232, 303, 330, 333	CT, I, RC, S, TM, W (SRC)
Emergency Medical Technicians and Paramedics - Administer first-aid treatment, life-support care, and extricate trapped individuals in pre-hospital settings. Transport patients to medical facilities, assess nature and extent of illness/injury to prioritize medical procedures. (29-2041)	3,501	110	much faster than average	\$36,930 \$17.75	Assoc, Cert, Military, 222, 227-229, 231, 347, 635, 643, 648-650, 657-659	CT, J, RC, S, W (SIR)
Home Health Aides - Provide routine, personal health care to elderly, convalescent, or disabled persons in their home or care facility. Maintain records of patient care, condition, and progress/problems for case manager. Offer instruction in meal preparation, infant care, independent living, etc. (31-1011)	18,248	600	much faster than average	\$29,410 \$14.14	HS, Cert, OJT 001, 039, 672	I, RC, S, W (SR)
Licensed Practical and Vocational Nurses - Care for ill, convalescent, or disabled persons in hospitals, nursing or group homes, clinics, etc. Answer patients' calls and determine how to assist them. As part of a health care team, assess patient needs, plan and modify care. (29-2061)	9,531	337	average	\$52,960 \$25.46	Cert., 001, 077, 088, 260-264, 269, 271, 272, 276, 278, 280, 473, 622, 631	CT, PS, RC, S, TM (SR)
Medical and Clinical Laboratory Technologists - Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May train or supervise staff. Operate, calibrate and maintain equipment used in quantitative and qualitative analysis. (29-2011)	2,981	79	faster than average	\$63,740 \$30.65	Bach, 321, 331, 332, 335, 643, 655	CT, J, PS, RC, S, W (IRC)
Medical and Health Services Managers - Plan, direct, or coordinate medicine and health services in hospitals, clinics, managed care organizations, public health agencies, etc. Administer fiscal operations, e.g. planning budgets, authorizing expenditures, rate-setting for services. (11-9111)	5,123	128	average	\$105,990 \$50.95	Bach, MA/MS, Experience in a Related Field, 321, 322, 331, 333, 335	CT, J, RC, S, TM, W (ECS)
Medical Assistants - Perform administrative duties such as scheduling appointments, maintaining medical records, insurance billing/coding. Clinical duties include taking and recording vital signs and medical histories, preparing patients for examination, and administering medicines as directed. (31-9092)	7,553	185	much faster than average	\$34,660 \$16.66	Assoc, Cert., 001, 015, 017, 029, 039, 062, 077, 079, 085-088, 095, 222, 228, 230, 274, 303, 347, 352, 415, 439, 463, 473, 490, 502, 622	CT, PS, RC, S, W (SCR)

Health & Science *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Medical Records and Health Information Technicians - Compile, process, and maintain medical records of hospital/clinic patients. Review records for completeness and accuracy. Plan, develop, and operate health record indexes, and storage/retrieval systems to analyze info. (29-2071)	1,741	47	average	\$36,810 \$17.69	Assoc, Cert, 222, 224, 225, 229, 230, 231, 303, 632, 634	CT, PS, RC, S, TM (CE)
Nursing Aides, Orderlies and Attendants - Provide basic patient care under direction of nursing staff. Observe patients' conditions, measuring and recording food/liquid intake and output, vital signs, etc. Prepare, serve, and collect food trays. Clean rooms and change linens. (31-1012)	27,767	450	average	\$30,450 \$14.63	HS, Cert, OJT, 001, 035, 039, 091, 095, 222, 227, 229, 264, 267, 271-273, 280, 347, 425-426, 430, 447, 453, 465, 469, 502, 512, 514, 581, 588, 601, 629, 631, 633, 635-636, 656, 671, 673	CT, PS, RC, S, TM (SRC)
Pharmacists - Compound and dispense medications following prescriptions issued by medical practitioners. Review prescriptions to assure accuracy and provide advice regarding drug interactions, side effects, dosage and proper medication storage. (29-1051)	2,939	82	average	\$112,750 \$54.21	Doctor of Pharmacy (Pharm.D.) 331	CT, I, Ma, RC, S, W (ICS)
Pharmacy Technicians - Receive written prescription/refill requests and verify that info is complete and accurate. May measure, mix, count out, label, and maintain patient medication profiles. Order, receive, stock incoming drugs and supplies, and record inventory. (29-2052)	3,936	146	much faster than average	\$31,820 \$15.30	Assoc, Cert, OJT, Military 095, 221, 222, 224, 226, 229, 303	I, Ma, RC, S, TM, W (CR)
Physical Therapists - Plan, prepare, and implement individually designed programs of exercise, massage, and/or traction to maintain, improve or restore physical functioning, alleviate pain and prevent physical dysfunction in patients. Evaluate/adjust treatment plans. (29-1123)	4,377	110	much faster than average	\$80,240 \$38.58	MA/MS, Ph.D. 321, 322, 331, 332	CT, I, J, PS, RC, S (SIR)
Physician Assistants - Provide healthcare services typically performed by a physician. Make diagnoses and decisions about management and treatment of patients. Prescribe therapy or medication with physician approval. Assist physicians during surgical or other medical procedures. (29-1071)	1,961	66	much faster than average	\$97,590 \$46.92	Bach, Cert, OJT, Military	CT, J, PS, RC, S (SIR)
Registered Nurses - Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent or disabled patients. Monitor all aspects of patient care, including diet and physical activity. (29-1141)	42,049	1,174	faster than average	\$72,830 \$35.01	Assoc, Bach, RN Cert., 222, 223, 225, 227, 229, 231, 305, 308, 321-323, 326, 331, 332, 335, 347, 352, 642	CT, RC, S, W (SIC)
Respiratory Therapists - Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures, and maintain patient records. (29-1126)	1,333	40	much faster than average	\$62,920 \$30.25	Assoc, Bach	CT, I, RC, S, T, TM (SIR)
Surgical Technologists - Maintain a proper sterile field during surgical procedures. Hand instruments and supplies to surgeons and surgeons' assistants, hold retractors and cut sutures, and perform other tasks as directed by surgeon during operation. Clean and restock operating room. (29-2055)	1,224	44	much faster than average	\$46,490 \$22.35	Assoc, Bach	CT, J, RC, S, TM (RSC)
Veterinarians - Examine, diagnose and treat diseases and dysfunctions of animals by prescribing medication, setting bones, or performing surgery. Inoculate animals against diseases. Educate the public about diseases spreadable from animals to humans. Euthanize animals. (29-1131)	1,027	39	much faster than average	\$117,600 \$56.54	D.V.M. College of Veterinary Medicine	CT, J, Ma, PS, RC, S, Sci, TM (IR)
Veterinary Technologists and Technicians - Perform medical lab tests for use in treatment and diagnosis of diseases in animals. Prepare and administer veterinarian prescribed medications, vaccines, serums, and treatments. Provide care and monitor animals pre/post surgery. (29-2056)	1,614	71	much faster than average	\$36,820 \$17.70	Assoc, Bach 228, 321	CT, I, Ma, RC, S, Sci, TM (RI)

Hospitality & Tourism

careers in this group range from bakers, cooks, and chefs to umpires and referees

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:
Accounting; Business/Hospitality Management; Communications/Speech; Culinary Arts/Food Service; Food/Beverage Management; Hospitality & Tourism; Marketing; Nutrition; Personal Finance; Sports; World Geography/Cultures

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Amusement and Recreation Attendants - Perform variety of attending duties at amusement/recreation facility. May schedule use of recreation facilities, maintain and provide equipment to participants of sporting or recreational pursuits, operate amusement concessions and rides. (39-3091)	1,815	105	faster than average	\$23,120 \$11.11	OJT	CT, I, RC, S, W (ECR)
Bakers - Mix and bake ingredients according to recipes to produce breads, pastries, and other baked goods. Goods are produced in either large or small quantities for sale through establishments such as grocery stores, specialty stores, or for on-site consumption. (51-3011)	1,516	41	slower than average	\$29,930 \$14.39	HS, Cert, Appren, OJT, 108, 224, 225, 229, 231, 260, 261, 263-267, 269-271, 273-276, 278, 280, 333, 471, 556, 622, 673	I, J, Ma, RC, S, TM (RC)
Bartenders - Mix and serve drinks to patrons, directly or through waitstaff. Check identification of customers to verify age requirements for purchase of alcohol. Collect money for drinks served and balance cash receipts. Clean glasses, utensils, and bar equipment. (35-3011)	6,872	274	average	\$22,510 \$10.82	HS, Cert, OJT 003, 014, 424, 452, 515	CT, J, Ma, RC, S (ECR)
Chefs and Head Cooks - Direct the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, etc. May plan and price menu items, order supplies, and keep records and accounts. Supervise and coordinate activities of cooks and workers engaged in food preparation. (35-1011)	1,751	18	much slower than average	\$55,220 \$26.54	HS, Appren, Cert, Assoc., 108, 224, 225, 229, 231, 260, 261, 263-267, 269-271, 273-276, 278, 280, 333, 471, 556, 622, 673	I, J, RC, TM (ERA)
Coaches and Scouts - Instruct or coach groups or individuals in the fundamentals of sports. Demonstrate techniques and methods of participation. May evaluate athletes' strengths and weaknesses as possible recruits or to improve the athletes' technique to prepare them for competition. (27-2022)	4,061	126	much faster than average	\$37,180 N/A	Bach, Experience in a Related Field 225, 305, 307, 315, 323, 331	CT, I, S, TN (SRE)
Combined Food Preparation and Serving Workers - Serve customers in eating places that specialize in fast service and carry-out food. Prepare simple foods and beverages such as sandwiches, salads, and coffee. Accept payment from customers, and make change as necessary. (35-3021)	20,118	587	faster than average	\$20,800 \$10.00	OJT	I, Ma, S (CRE)
Cooks, Fast Food - Prepare and cook food in a fast food restaurant with a limited menu. Duties are limited to preparation of a few basic items and may involve operating large-volume cooking equipment, i.e. grills, deep-fat fryers, or griddles. (35-2011)	5,907	167	slower than average	\$21,200 \$10.19	HS, OJT	CT, I, J, Ma, RC, S (RC)
Cooks, Institution and Cafeteria - Prepare and cook large quantities of food for institutions, such as schools, hospitals, or cafeterias. Cook foodstuffs according to menus, special dietary restrictions, or numbers of portions to be served. Maintain records of food use and expenditures. (35-2012)	4,645	138	average	\$32,400 \$15.58	HS, OJT	CT, I, Ma, RC, TM (RC)
Cooks, Restaurant - Prepare, season, and cook soups, meats, vegetables, desserts, etc. in restaurants. Season and cook food according to recipes or personal judgment and experience. May order supplies, keep records and accounts, price items on menu, or plan menu. (35-2014)	8,945	266	average	\$28,310 \$13.61	HS, Cert, Appren, OJT, 108, 224, 225, 229, 231, 260, 261, 263-267, 269-271, 273-276, 278, 280, 333, 471, 556, 622, 673	I, RC, S, TM (RE)

Hospitality & Tourism *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Counter Attendants, Cafe, Concession and Coffee Shop Server - Serve food, beverages, or desserts to customers at take-out counters of restaurants or lunchrooms, business or industrial establishments, hotel rooms, and cars. Prepare sandwiches, salads, and ice cream dishes. (35-3022)	10,617	795	average	\$20,300 \$9.76	OJT	I, RC, S (RSE)
Food Service Managers - Plan, direct, or coordinate activities of an organization or department that serves food and beverages. Investigate and resolve complaints regarding food quality, service, or accommodations. Schedule staff hours and assign duties. (11-9051)	5,189	105	slower than average	\$56,550 \$27.19	Assoc, Cert, Bach, Exp. in a Related Field, 108, 227, 229, 260, 261, 263-267, 269-271, 273-276, 278, 280, 303, 333, 345, 471, 556, 622	CT, S, TM (ECR)
Hotel, Motel and Resort Desk Clerks - Accommodate guests by registering and assigning rooms, issuing room keys, transmitting and receiving messages, keeping records of occupied rooms and guests' accounts, making and confirming reservations, and collecting payments upon departure. (43-4081)	2,220	95	faster than average	\$22,990 \$11.06	HS, Cert, OJT 224, 227, 228, 267, 275, 303, 333, 345	CT, I, Ma, RC, S (CES)
Janitors and Cleaners - Keep buildings in clean and orderly condition. Perform heavy cleaning duties, i.e. cleaning floors, shampooing rugs, washing walls and glass, and removing trash, performing routine maintenance activities, and notifying management of need for repairs. (37-2011)	32,812	621	much slower than average	\$28,920 \$13.89	OJT	I, J, RC, S, TM, W (RC)
Lodging Managers - Coordinate front-office activities of hotels or motels, and resolve problems. Train staff members. Participate in financial activities such as the setting of room rates, the establishment of budgets, and the allocation of funds to departments. (11-9081)	668	16	slower than average	\$50,450 \$24.26	Assoc, Bach, MA/MS Experience in a Related Field	CT, I, RC, S, TM (ECS)
Recreation Workers - Organize and lead participants, as well as promote interest in arts and crafts, sports, games, dramatics, camping, and other hobbies. Manage the daily operations of public, private, or volunteer recreational agencies or facilities. (39-9032)	6,025	146	average	\$30,460 \$14.64	HS, Cert, OJT, Assoc, Bach 228, 229, 307, 315, 323, 331	CT, I, J, RC, S, TM (SEA)
Supervisors of Food Preparation and Serving Workers - Supervise workers engaged in preparing and serving food. Assign duties, responsibilities, and work stations to employees in accordance with work requirements. Compile and balance cash receipts at the end of the day or shift. (35-1012)	8,374	110	slower than average	\$35,830 \$17.22	OJT Experience in a Related Field	I, Ma, RC, S, TM (ECR)
Supervisors of Housekeeping and Janitorial Workers - Supervise work activities of cleaning personnel in hotels, hospitals, offices, and other establishments. Inspect and evaluate the physical condition of facilities to determine the type of work required. (37-1011)	3,085	32	much slower than average	\$44,830 \$21.55	HS, OJT Experience in a Related Field	CT, I, RC, S, TM, W (ECR)
Umpires, Referees and Other Sports Officials - Officiate at competitive athletic or sporting events. Detect infractions of rules and decide penalties according to established regulations. Includes all sporting officials, referees, and competition judges. (27-2023)	113	3	average	\$42,450 N/A	HS, Cert, OJT Experience in a Related Occupation	CT, J, RC, S (REC)
Waiters and Waitresses - Take orders and serve food and beverages to patrons at tables in dining establishment. Check patrons' identification to ensure that they meet minimum age requirements for consumption of alcoholic beverages. Prepare checks and collect payments from customers. (35-3031)	28,755	1,639	slower than average	\$22,610 \$10.87	OJT	CT, I, RC, S (SEC)

Human Services

careers in this group range from child care workers and home care aides to probation officers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Child Growth & Development/Child Psychology; Early Childhood Education & Services; Family Life Education; Family Relations; Independent Living; Literacy & Language; Occupational Childcare; Parenting; Personal Finance; Psychology; Public Speaking; Safety & Health for Children; Sociology; Theology; World Issues

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Child Care Workers - Attend to children at schools, businesses, private households, and child care institutions. Perform tasks such as dressing, feeding, bathing, and overseeing play. Support children's emotional/social development, encouraging positive self-concepts, and respect for others. (39-9011)	16,598	545	average	\$23,590 \$11.34	HS, Appren, Assoc, Cert, OJT 035, 221-232, 261, 303, 315, 320, 347	CT, I, S, TM (SA)
Child, Family and School Social Workers - Provide assistance to improve the social and psychological functioning of children and their families and maximize the family well-being and the academic functioning of children. May arrange adoptions, and find foster homes for abused children. (21-1021)	4,913	133	slower than average	\$62,460 \$30.03	Bach, MA/MS, Ph.D. 305, 307, 322, 323, 326, 331, 335, 349	CT, J, RC, S, W (SE)
Clergy - Conduct religious worship and perform other spiritual functions associated with beliefs and practices of religious faith or denomination. Provide spiritual, moral guidance and assistance to members. Share information about religious issues by writing articles, giving speeches, or teaching. (21-2011)	357	10	average	\$56,500 \$27.17	MA/MS 311, 312, 337, 356	I, J, RC, S, TM (SEA)
Clinical, Counseling and School Psychologists - Diagnose or evaluate mental and emotional disorders of individuals through observation, interview, and psychological tests, and administer programs of treatment. Conduct research to develop or improve counseling techniques. (19-3031)	2,836	90	slower than average	\$75,690 \$36.39	MA/MS, Ph.D. 305, 306, 323, 326, 331, 332, 334, 337	CT, PS, RC, S, W (ISA)
Marriage and Family Therapists - Diagnose and treat mental and emotional disorders, within the context of marriage and family systems. Apply psycho-therapeutic professional services to individuals, couples, and families for the purpose of treating such diagnoses. (21-1013)	349	9	average	\$51,410 \$24.72	MA/MS 305, 308, 323, 326	CT, J, RC, S (SAI)
Medical and Public Health Social Workers - Provide persons, families, or at-risk populations with psychosocial support and referral services needed to cope with chronic, acute, or terminal illnesses. Investigate child abuse cases and take authorized protective action where needed. (21-1022)	1,951	63	faster than average	\$62,060 \$29.84	Bach, MA/MS 305, 307, 322, 323, 326, 331, 335, 349	CT, J, PS, RC, S, TM, W (SI)
Mental Health and Substance Abuse Social Workers - Assess and counsel clients with mental, emotional, or substance abuse problems. Activities may include individual and group therapy, crisis intervention, case management, client advocacy, prevention, and education. (21-1023)	3,929	143	much faster than average	\$51,190 \$24.61	Bach, MA/MS 305, 307, 322, 323, 326, 331, 335, 349	CT, J, RC, S, W (SIA)
Mental Health Counselors - Counsel individuals to deal with addictions and substance abuse; family, parenting, and marital problems, suicide, stress management, self-esteem, aging and mental/emotional health issues. (21-1014)	2,475	84	much faster than average	\$41,430 \$19.92	Bach, MA/MS 323, 333	CT, RC, S, TM (SIA)
Personal Care Aides - Assist elderly or disabled adults with daily living activities at the person's home or in a daytime non-residential facility. Duties may include light housekeeping and preparing meals. May advise on such things as nutrition, cleanliness, and household utilities. (39-9021)	17,774	695	much faster than average	\$22,480 \$10.80	HS, OJT	CT, RC, S, TM (SRC)

Human Services *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Probation Officers and Correctional Treatment Specialists - Provide social services to assist in the rehabilitation of offenders in custody or on probation, e.g. arranging for medical, mental health, or substance abuse treatment services. Maintain case folders. (21-1092)	1,148	26	slower than average	N/A	Bach., 301, 303, 305, 307, 315, 320, 321, 322, 323, 326, 332, 333, 335	CT, I, J, S, TM, W (SEC)
Rehabilitation Counselors - Counsel individuals to maximize the independence of persons coping with personal, social, and vocational difficulties that result from disease, illness, accidents, etc. Develop rehabilitation plans that fit clients' physical abilities, education levels, and career goals. (21-1015)	3,829	99	average	\$39,700 \$19.09	MA/MS 322, 331	CT, RC, S, TM, W (SI)
Residential Advisors - Coordinate activities for residents of boarding schools, college fraternities or sororities, college dormitories, or similar establishments. Order supplies and determine need for maintenance, repairs, and furnishings. May maintain household records and assign rooms. (39-9041)	1,472	59	average	\$27,610 \$13.28	HS, OJT	CT, RC, S, TM (SEC)
Social and Community Service Managers - Plan, organize, or coordinate the activities of a social service program or community outreach organization. Oversee the program budget and policies regarding participant involvement, program requirements, and benefits. (11-9151)	3,688	102	average	\$58,640 \$28.20	Bach, MA/MS, Experience in a Related Field	CT, I, RC, S, TM (ES)
Social and Human Service Assistants - Assist social work professionals by providing information on and referring clients to social and community services. Assist with administering assistance programs relevant to drug abuse, relationships, rehabilitation, or adult daycare. (21-1093)	7,336	202	average	\$41,950 \$20.17	Assoc. Cert., 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 315, 347	CT, J, RC, S, W (CSE)
Substance Abuse and Behavioral Disorder Counselors - Counsel and advise individuals with substance abuse or other problems, e.g. gambling and eating disorders, to assist in overcoming dependencies. Develop treatment plans based on research, clinical experience, etc. (21-1011)	1,868	60	much faster than average	\$43,660 \$20.99	Bach, MA/MS 221, 223, 224, 225, 226, 228, 229, 230, 231, 232	CT, I, RC, S, TM, W (SAI)

BEST JOBS FOR PEOPLE WHO ARE... ENTERPRISING

Would you rather sell it than analyze it? More interested in the Big Picture than the details? Such 'enterprising' types of people tend to be competitive and aggressive - and they're often behind the success of thriving businesses. If you're a go-getter type who feels more comfortable leading a group or project, rather than being a rank-and-file team member, any of these careers may suit your style:

**Financial Manager • General Manager • Personal Finance Advisor
Sales Manager • Sales Representative**

BEST JOBS FOR PEOPLE WHO ARE... ORDERLY

If anybody has ever called you a neat freak, chances are you have the skills that go well beyond keeping things tidy. People who find comfort in the predictable nature of numbers, office routines, and computer programs are considered to have 'conventional' or 'orderly' personalities, and those traits are essential to well-run organizations. Here are some great jobs for people who prefer structured activities and have a knack for following through, all the way to the last little detail:

**Accountant • Actuary • Building Inspector • Financial Planner
Finance Specialist • Librarian • Technical Writer**

Government & Public Administration

careers in this group range from court clerks to legislators

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

American Government & Comparative Political Systems; American History; Civics; Geography; Government & Public Administration; Information Technology; Modern Europe & Western Traditions; Psychology; Sociology; Speech/Communication; Statistics; World Concepts & Themes; World Issues; World Languages; Writing/Composition

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Compliance Officers - Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits. Monitor investigations of suspected offenders to ensure they are conducted in accordance with constitutional requirements (13-1041)	3,898	110	much faster than average	\$70,290 \$33.79	OJT, Cert, Experience in a Related Field	CT, I, RC, T, W (CER)
Court, Municipal and License Clerks - Perform clerical duties in courts of law, and governmental licensing agencies. Prepare docket of cases to be called, secure information for judges; prepare draft agendas for city council, keep fiscal records, issue licenses or permits and collect fees. (43-4031)	1,077	32	much slower than average	\$47,100 \$22.64	HS, OJT, Cert 001, 017, 039, 062, 221-232, 415, 439, 502, 629	CT, I, RC, S, TM, W (CER)
Emergency Management Directors - Coordinate disaster response or crisis management activities, provide disaster preparedness training, and prepare emergency plans/procedures for natural, wartime, or technological disasters or hostage situations. (11-9161)	198	6	faster than average	\$65,600 \$31.53	Bach, OJT, Experience in a Related Field	CT, I, J, RC, S, TM, W (SE)
Tax Examiners, Collectors and Revenue Agents - Determine tax liability or collect taxes from individuals/businesses. Maintain knowledge of tax code changes and accounting procedures. Conduct independent field audits of income tax returns and claimed tax credits and deductions. (13-2081)	815	29	much slower than average	\$74,760 \$35.94	Bach, Experience in a Related Field 301, 305, 307, 308, 315, 320-323, 326, 330-333, 335	CT, I, Ma, PS, RC, S, TM (CE)
Transportation Inspectors - Inspect equipment or goods in connection with the safe transport of cargo or people. Includes rail transportation inspectors, such as freight inspectors, rail inspectors, and other inspectors of transportation vehicles, not elsewhere classified. Excludes "Transportation Security Screeners". (53-6051)	232	7	average	\$67,990 \$32.68	Cert/License, OJT, Experience in a Related Field	CT, J, RC, S, TM, W (EC)
Urban and Regional Planners - Develop comprehensive plans affecting land use, zoning, public utilities, housing, and transportation of cities and towns. Hold public meetings and confer with officials, lawyers, developers, and the public to formulate land use plans or community programs. (19-3051)	213	5	slower than average	\$73,520 \$35.35	MA/MS 306, 323, 331, 349	CT, J, PS, S, TM, W (IEA)

BEST JOBS FOR PEOPLE WHO ARE... SOCIAL

Lots of people enjoy helping others - whether it's simply offering a kind word or propping up a friend or family member during a crisis. And, of course, many people choose service professions in fields like medicine, education, or counseling. Here are some top choice careers for 'social' types of people who prefer to work in a cooperative environment - rather than a competitive one - and have a knack for helping others:

**Aerobics Instructor/Personal Trainer • Human Resources Specialist • Occupational Therapist • Physical Therapist
Psychologist • Registered Nurse • Teacher • School Counselor or Administrator • Social Worker**

BEST JOBS FOR PEOPLE WHO ARE... INVESTIGATIVE

Do you think of yourself as scientific, precise, and analytical? Good at developing intellectually rigorous solutions to problems? People who prefer logic over whimsy, and don't mind working alone, may want to consider any of these careers:

**Computer Systems Analyst • Librarian • Optometrist • Physician Assistant
Science Researcher/Professor • Software Engineer/Developer • Veterinarian**

Information Technology

If you LOVE computers, this may be the career path for you!

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Accounting; Advanced Algebra; Calculus; Computer Systems; Desktop Publishing; Economics; Geometry; Information Technology; Physics; Programming & Software Development/Design; Spreadsheet/Database Applications; Statistics; Technical Writing; Trigonometry; Webpage Design; Word Processing Applications

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Computer and Information Scientists, Research - Conduct research into fundamental computer and information science as theorists, designers, or inventors. Solve or develop solutions to problems in the field of computer hardware and software. (15-1111)	240	9	much faster than average	\$109,390 \$52.59	MA/MS, Ph.D. 305, 310, 321, 322, 323, 330, 331, 333, 334, 337	CT, J, PS, RC, W (IRC)
Computer and Information Systems Managers - Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, system analysis, and computer programming. Manage backup, security and user help systems. Control operational budget and expenditures. (11-3021)	8,307	201	faster than average	\$115,940 \$55.74	Bach, MA/MS, MBA 301, 305-307, 308, 310, 320-323, 327, 330-335, 337	CT, J, RC, S (ECI)
Computer Network Support Specialists - Analyze, design, test, and evaluate network systems, inter/intranet, etc. Maintain peripherals, e.g. printers, connected to the network. Assist users to diagnose/solve data communication problems. (15-1152)	5,768	246	much faster than average	\$75,420 \$36.26	Assoc, Bach, Cert 015, 079, 221-224, 226, 229-232, 301, 303, 305-308, 310, 315, 320-323, 327, 330-335, 337, 347, 351, 510, 557-559, 561, 604, 612	CT, J, PS, RC, T (IC)
Computer Software Developers, Applications - Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Analyze and design databases within an application area. (15-1132)	11,861	300	much faster than average	\$89,580 \$43.06	Bach, MA/MS 305, 308, 310, 321, 322, 323, 327, 330, 331, 332, 333, 335, 337	CT, J, PS, RC, T (IRC)
Computer Software Developers, Systems Software - Research, design, develop, and test operating systems-level software, compilers, and network distribution for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. (15-1133)	4,785	114	much faster than average	\$96,160 \$46.23	Bach, MA/MS 305, 308, 310, 321, 322, 323, 327, 330, 331, 332, 333, 335, 337	CT, Ma, PS, RC, T (ICR)
Computer Systems Analysts - Analyze user requirements and procedures to automate or improve existing systems and review system capabilities, workflow, and scheduling limitations. Test, maintain, monitor, and coordinate the installation of computer programs and systems. (15-1121)	9,509	274	faster than average	\$88,700 \$42.65	Bach, MA/MS 301, 305-308, 310, 320-323, 327, 330-335, 337	CT, PS, RC, T, TM (ICR)
Computer User Support Specialists - Provide technical assistance to computer system users. Resolve computer problems for clients. Provide assistance concerning the use of computer hardware and software, e.g. printing, installation, word processing, electronic mail, and operating systems. (15-1151)	7,123	225	average	\$56,620 \$27.23	Assoc, Cert, Bach, 079, 221-226, 229-232, 301, 306, 315, 320-323, 327, 330, 332-335, 337, 347, 351, 510, 557-559, 561, 604, 612	CT, I, J, PS, RC, S (RIC)
Database Administrators - Coordinate changes to computer databases, test and implement the database, applying knowledge of database management systems. May plan and implement security measures to safeguard computer databases. Train users and provide technical support. (15-1141)	1,995	57	much faster than average	\$77,040 \$37.04	Bach, MA/MS 301, 305-308, 310, 320-323, 327, 330, 331-335, 337	CT, J, PS, RC, S, W (CI)
Network and Computer Systems Administrators - Install, configure, and support an organization's computer network, hardware, and applications/systems software. Plan and implement network security measures to protect data. Monitor network to ensure availability to all users. (15-1142)	4,109	101	faster than average	\$74,320 \$35.73	Bach, 301, 305-308, 310, 320-323, 327, 330-335, 337	CT, J, PS, RC, S, TM (IRC)

Law, Public Safety & Security

careers in this group range from security guards and fire fighters to animal control workers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

American Government; Civics; Civil Law; Courts & the Judicial Process; Criminal Justice; Ethics & Social Issues; Information Technology Applications; Law, Public Safety, Law Enforcement Services; Political Science; Procedural Criminal Law; Psychology; Sociology; Speech/Communication

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Animal Control Workers - Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals. Investigate reports of animal attacks or animal cruelty, interviewing witnesses, collecting evidence, and writing reports. (33-9011)	165	5	much slower than average	\$37,800 \$18.17	HS, OJT	CT, RC, S, TM, W (RSC)
Correctional Officers and Jailers - Guard inmates in penal or rehabilitative institution in accordance with set regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, etc. Use weapons, handcuffs, and physical force to maintain order among prisoners. (33-3012)	2,964	71	much slower than average	N/A	HS, Assoc, Cert, Bach, Military 221, 222, 223, 224, 225, 226, 230, 231, 232	CT, J, RC, S (REC)
Crossing Guards - Guide or control vehicular or pedestrian traffic at such places as streets, schools, railroad crossings, or construction sites. Communicate traffic and crossing rules and other information to students and adults. Report unsafe behavior of children to school officials. (33-9091)	1,259	38	slower than average	\$26,760 \$12.86	HS, OJT	N/A (SER)
Detectives and Criminal Investigators - Investigate alleged or suspected criminal violations of federal, state or local laws to determine if evidence is sufficient to recommend prosecution. Perform undercover assignments and surveillance. Obtain and use search/arrest warrants. (33-3021)	764	17	slower than average	\$73,730 \$35.45	Assoc, Bach, Cert, OJT, 221-229, 232, 241, 243, 301, 303, 305, 315, 320-322, 332, 333, 335	CT, J, PS, RC, S, W (EI)
Fire Fighters - Control and extinguish fires. Administer first-aid and CPR to injured persons. Rescue victims from burning buildings and accident sites. Drive and operate fire fighting vehicles and equipment. Take action to contain hazardous chemicals that may catch fire, leak, or spill. (33-2011)	2,624	95	average	\$55,680 \$26.77	HS, Assoc, Cert, OJT, 242, 333	CT, I, RC, S (RSE)
Gaming Surveillance Officers and Gaming Investigators - Act as oversight and security agent for management and customers. Observe casino or casino hotel operation for irregular activities such as cheating or theft by either employees or patrons. (33-9031)	1,138	27	slower than average	\$36,510 \$17.55	Assoc, Cert, Experience in a Related Field	CT, I, J, RC, S, W (RCE)
Lawyers - Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, and manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law. (23-1011)	9,932	186	much slower than average	\$127,970 \$61.53	J.D. 321, 331, 335, 337	CT, J, RC, S, T, W (EI)
Lifeguards, Ski Patrol and Recreational Safety Workers - Monitor recreational areas, such as pools, beaches, or ski slopes to provide assistance and protection to participants. Rescue distressed/injured persons, using rescue/first-aid techniques and equipment. (33-9092)	1,719	119	average	\$23,650 \$11.36	OJT, Experience in a Related Field	CT, I, J, S, TM (RS)

Law, Public Safety & Security *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Paralegals and Legal Assistants - Assist lawyers by researching legal precedent, investigating facts, or preparing legal documents, e.g. briefs, appeals, wills, contracts, and real estate closing statements. Conduct research to support legal proceedings, formulate a defense, or to initiate legal action. (23-2011)	5,375	113	faster than average	\$51,490 \$24.76	Assoc, Bach, Cert 015, 095, 224, 225, 229, 303, 320, 321, 322, 332, 333, 463, 490	CT, J, RC, S, TM, W (CIE)
Police and Sheriff's Patrol Officers - Provide public safety by maintaining order, responding to emergencies, protecting people and property, enforcing motor vehicle and criminal laws, etc. Testify in court to present evidence or act as witness in traffic/criminal cases. (33-3051)	5,203	135	much slower than average	\$60,670 \$29.17	HS, Assoc, Cert, Bach, Military, 221-229, 232, 241, 243, 301, 303, 315, 320-322, 332, 333, 335, 347	CT, PS, RC, S (REC)
Police, Fire and Ambulance Dispatchers - Determine response needs by questioning callers as to location and nature of complaint to dispatch emergency units. Record details of calls, dispatches, and messages. Relay information to/from emergency sites, law enforcement agencies, etc. (43-5031)	1,126	29	average	\$43,640 \$20.98	HS, OJT	CT, RC, S, W (CRE)
Private Detectives and Investigators - Detect occurrences of unlawful acts or infractions of rules in private establishment, or seek, examine, and compile information for client. Testify at hearings and court trials to present evidence. (33-9021)	396	11	average	\$45,470 \$21.86	HS, Assoc, Cert, Exp. in a Related Field, Military, 221-229, 232, 301, 303, 315, 320-322, 332, 333, 335	CT, J, RC, S, TM, W (EC)
Security Guards - Patrol industrial and commercial premises to prevent and detect signs of intrusion and ensure security of doors, windows, and gates. Answer alarms and investigate disturbances. Monitor and authorize entry and departure of employees/visitors, to maintain security of premises. (33-9032)	11,577	254	slower than average	\$29,320 \$14.10	HS, Cert, OJT 223, 225, 227, 333	CT, J, RC, S (RCE)
Supervisors/Managers of Fire Fighting/Prevention Workers - Supervise and evaluate performance, and administer the training of fire fighters. Prepare activity reports listing fire call locations, actions taken, fire types/probable causes, damage estimates, etc. (33-1021)	586	30	much slower than average	\$71,860 \$34.55	Bach., Experience in a Related Field 242, 333	CT, I, J, RC, S (ERS)
Supervisors/Managers of Police and Detectives - Supervise and coordinate the investigation of criminal cases, offering guidance and expertise to investigators, and ensuring that procedures are conducted in accordance with laws and regulations. (33-1012)	1,031	46	much slower than average	\$80,760 \$38.83	Bach, Exp. in a Related Field 221-229, 232, 241, 243, 301, 303, 315, 320-322, 332, 333, 335, 347	CT, PS, RC, S, W (ESC)

BEST JOBS FOR PEOPLE WHO ARE... HANDS-ON

Consider yourself a tinkerer? Do you enjoy taking things apart and putting them back together? Is working with tools and machines your specialty? Hands-on people tend to be practical and straightforward, and like to work with physical objects such as wood, plants, or even jewelry. These folks are comfortable working alone and prefer doing the talking as opposed to being talked to. If this sounds like you, consider any of these careers:

**Airline Pilot • Dentist • Electrical/Electronic Engineering Technician • Electrician
Jeweler/Precious Stone Worker • Locksmith • Machinist • Mechanical Engineering Technician
Radiologic Technologist • Renewable Energy Technologist • Surgical Technologist**

Manufacturing

careers in this group range from cabinetmakers to dental lab technicians

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Advanced Algebra/Calculus; Chemistry; Computer Applications; Design for Manufacturability; Electronics; Geometry; Manufacturing Occupations/Technology; Manufacturing Production Processes; Materials & Processes; Physics; Safety in the Workplace; Quality Assurance Concepts & Techniques; Woodworking

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Cabinetmakers and Bench Carpenters - Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products. (51-7011)	1,655	38	slower than average	\$38,240 \$18.39	HS, Appren, OJT, Cert, 260, 261, 263-265, 267-270, 272-276, 278, 280	CT, I, Ma, RC, S (RC)
Cleaners of Vehicles and Equipment - Wash or otherwise clean vehicles, machinery, etc., and perform minor repairs and adjustments. Inspect parts, equipment, and vehicles for cleanliness, damage, and compliance with standards or regulations. (53-7061)	2,617	97	much slower than average	\$25,940 \$12.47	OJT	N/A (RC)
Dental Laboratory Technicians - Fabricate, alter, and repair dental devices such as dentures, crowns, bridges, inlays, and appliances for straightening teeth. Read prescriptions/specifications, and examine dental impressions, to determine the design of products to be constructed. (51-9081)	464	12	faster than average	\$42,740 \$20.55	HS, OJT, Military, Cert 264	CT, RC, S, TM (RIC)
Electrical and Electronic Engineering Technicians - Apply electrical and electronic theory and knowledge to design, build, repair, calibrate, and modify electrical components, circuitry, and machinery for use by engineering staff in making engineering design decisions. (17-3023)	2,084	40	much slower than average	\$58,010 \$27.88	Assoc, Military 222, 224, 225, 227, 228, 229, 231, 332	CT, PS, RC, S, T, W (RI)
Electrical and Electronic Repairers, Industrial - Repair, test, adjust, or install electronic equipment, e.g. industrial controls, transmitters, and antennas. Perform routine preventive maintenance tasks, such as checking, cleaning, and repairing equipment, to detect and prevent problems. (49-2094)	640	13	slower than average	\$56,090 \$26.97	HS, Cert, Assoc., 029, 038, 085-088, 221-232, 261, 263, 265-269, 272-274, 276, 278, 280, 332, 410	CT, I, RC, T (RIC)
Industrial Engineering Technicians - Apply engineering principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. Recommend revision to methods of operation, material handling, equipment layout, to increase production. (17-3026)	1,171	29	average	\$57,080 \$27.44	Assoc 221, 222, 224, 225, 227, 229, 231, 305, 333	CT, I, J, PS, RC, S (IRC)
Industrial Machinery Mechanics - Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems. Observe and test the operation of machinery and equipment in order to diagnose malfunctions. (49-9041)	2,070	42	average	\$50,900 \$24.47	HS, Assoc, Cert, OJT, Appren	CT, I, RC, T (RIC)
Industrial Production Managers - Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications. Develop budgets and approve expenditures for supplies, materials, and human resources. (11-3051)	2,959	110	much slower than average	\$96,720 \$46.50	Assoc, Bach, Experience in a Related Occupation 225, 305, 310, 333, 349	CT, PS, RC, S, TM (EC)
Industrial Truck and Tractor Operators - Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site, or similar location. Manually load or unload materials onto or off pallets, skids, platforms, cars, or lifting devices. (53-7051)	3,657	111	slower than average	\$33,680 \$16.19	HS, OJT, Cert 006	CT, J, Ma, PS, S, TM, W (ICE)

Manufacturing *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Machinists - Set up and operate a variety of machine tools to produce precision parts and instruments. Set up, adjust, and operate basic machine tools, e.g. lathes, milling machines, shapers, or grinders, and many advanced variation tools to perform precision machining operations. (51-4041)	8,957	121	much slower than average	\$41,690 \$20.04	HS, Assoc, Cert, OJT, Appren 221, 222, 224, 260, 261, 263-270, 273-276, 278, 280	CT, J, PS (RCI)
Mechanical Engineering Technicians - Devise, fabricate, and assemble new or modified mechanical components for products such as industrial machinery or equipment, and measuring instruments, under direction of engineering staff or physical scientists. (17-3027)	1,013	19	slower than average	\$49,970 \$24.02	Assoc 222, 225, 227, 229, 231, 305, 332	J, Ma, PS, RC, T, TM (RI)
Medical Equipment Repairers - Test, adjust, or repair biomedical or electromedical equipment. Disassemble malfunctioning equipment and remove, repair and replace defective parts. Keep records of maintenance, repair, and required updates of equipment. (49-9062)	408	17	much faster than average	\$53,590 \$25.77	Cert, Assoc, OJT, 029, 038, 085-088, 221-232, 261, 263, 265-269, 272-274, 276, 278, 280, 332, 410	CT, PS, RC, T (RIC)
Plating and Coating Machine Operators - Set up, operate, or tend plating or coating machines to coat metal or plastic products with chromium, zinc, copper, cadmium, nickel, or other metal to protect or decorate surfaces. Maintain production records. (51-4193)	839	25	much slower than average	\$33,870 \$16.28	HS, OJT	J, RC (RC)
Purchasing Agents - Purchase machinery, equipment, tools, parts, supplies, materials, or services necessary for the operation of a company. Prepare purchase orders, solicit bid proposals. Analyze price proposals, financial reports, etc. to determine reasonable prices for goods and services. (13-1023)	4,298	139	average	\$66,260 \$31.85	Bach, OJT, Experience in a Related Occupation, 321	CT, J, Ma, RC, S, TM, W (CE)
Sheet Metal Workers - Fabricate, install, and repair sheet metal products and equipment, e.g. ducts, control boxes, drainpipes, and furnace casings. Determine project requirements, and convert blueprints into drawings to be followed in the assembly of sheet metal products. (47-2211)	2,000	51	much slower than average	\$47,250 \$22.71	HS, Appren, OJT, 627	CT, I, Ma, RC, S, W (R)
Structural Metal Fabricators and Fitters - Set up and operate fabricating machines, such as brakes, rolls, shears, flame cutters, grinders, and drill presses, to bend, cut, form, punch, drill, or otherwise form and assemble metal components. (51-2041)	2,218	55	average	\$36,320 \$17.46	HS, Appren, OJT	CT, Ma, RC, S, TM (RC)
Supervisors of Mechanics, Installers and Repairers - Supervise and coordinate the activities and operational training of mechanics, installers, and repairers. Examine objects, systems, or facilities, and analyze information to determine needed installations, services, or repairs. (49-1011)	5,157	135	much slower than average	\$69,740 \$33.53	HS, Appren, OJT, 627	CT, PS, RC, S, TM (ECR)
Tailors, Dressmakers and Custom Sewers - Fit, alter, repair, and make made-to-measure clothing, according to customers' and clothing manufacturers' specifications and fit, and applying principles of garment design, construction, and styling. (51-6052)	282	3	much slower than average	\$29,580 \$14.22	HS, OJT 260, 261, 263, 264, 278	J, RC, S, TM (RAE)
Team Assemblers - Work as part of a team having responsibility for assembling an entire product or component. Perform all tasks conducted by the team in the assembly process. May participate in making management decisions affecting the work. (51-2092)	10,039	234	much slower than average	\$30,131 \$14.49	HS, OJT	I, RC (RCE)
Welders, Cutters, Solderers and Brazers - Operate manual or semi-automatic welding equipment to fuse metal segments, using processes such as gas tungsten arc, gas metal arc, flux-cored arc, plasma arc, shielded metal arc, resistance welding, and submerged arc welding. (51-4121)	2,339	77	much slower than average	\$41,190 \$19.80	OJT, Cert, Appren, Military	CT, Ma, RC, S, TM (RC)

Marketing, Sales & Service

careers in this group range from cashiers and hairdressers to real estate brokers

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Accounting; Advertising; Algebra; Business & Technical Writing; Business Management; Calculus; Computer Applications; Entrepreneurship/Small Business Ownership; Marketing & Sales; Office Technology; Real Estate Practices; Research/Market Research Methods; Speech/Communication; Statistics

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Advertising and Promotions Managers - Plan and direct advertising policies and programs or produce collateral materials, e.g. posters, contests, coupons, or giveaways, to create extra interest in the purchase of a product or service for a department, organization, or on an account basis. (11-2011)	746	18	much slower than average	\$97,430 \$46.85	Bach, MBA, Experience in a Related Occupation 321, 323, 331, 333	CT, J, RC, S, TM, W (EAC)
Advertising Sales Agents - Sell or solicit advertising, including graphic art, advertising space in publications, custom made signs, or TV and radio advertising time. May obtain leases for outdoor advertising sites or persuade retailer to use sales promotion display items. (41-3011)	1,504	37	average	\$73,870 \$35.52	Assoc, Bach, OJT 224, 225, 226, 227, 303, 320, 321, 332	Ma, RC, S, TM, W (ECA)
Appraisers and Assessors of Real Estate - Appraise real property to determine its value for purchase, sales, investment, mortgage, or loan purposes. Evaluate land and neighborhoods where properties are situated, considering locations/trends or impending changes that could influence values. (13-2021)	837	15	much slower than average	\$66,090 \$31.78	Bach, Cert., 171, 172, 174, 177-179, 183, 187, 192, 407, 419, 436, 482, 492, 526-529, 532-534, 539, 542, 546, 552, 572	CT, J, Ma, PS, RC, S, TM, W (ECR)
Cashiers - Receive and disburse money in establishments other than financial institutions. Usually involves use of electronic scanners, cash registers, or related equipment. Often involved in processing credit or debit card transactions and validating checks. (41-2011)	42,972	1,947	slower than average	\$21,690 \$10.43	HS, OJT	CT, I, Ma, S (CE)
Counter and Rental Clerks - Prepare merchandise for display, or for purchase or rental. Answer telephones to provide information and receive orders. Compute charges for merchandise or services and receive payments. Prepare rental forms and keep records of transactions. (41-2021)	3,778	109	much slower than average	\$27,170 \$13.06	HS, OJT	Ma, RC, S (CE)
Demonstrators and Product Promoters - Demonstrate and explain products, methods, or services in order to persuade customers to purchase products or utilize services. Set up and arrange displays and demonstration areas to attract the attention of prospective customers. (41-9011)	821	24	much slower than average	\$28,860 \$13.87	OJT	I, RC, S, TM (ECR)
Driver/Sales Workers - Drive truck or other vehicle over established routes or within an established territory and sell goods, such as food products, including restaurant take-out items, or pick up and deliver items, such as laundry. Includes newspaper delivery drivers. (53-3031)	4,094	86	slower than average	\$32,620 \$15.69	OJT	CT, Ma, RC, S, TM (RE)
Hairdressers, Hairstylists, and Cosmetologists - Provide beauty services, such as shampooing, cutting, coloring, and styling hair, and massaging and treating scalp. May also apply makeup, wigs, hair extensions, perform hair removal, and provide nail and skin care services. (39-5012)	11,629	239	average	\$29,900 \$14.38	HS, Cert., 125-128, 132, 134-136, 140, 142, 146, 148, 150-169, 260-261, 263-265, 267-269, 271-276, 278, 455-457, 474-475, 477, 478, 521-522, 525, 613-617, 619-621	CT, RC, S, TM (AES)
Interior Designers - Plan, design, and furnish interiors of residential, commercial, or industrial buildings. Confer with client to determine design budget, function of space, and architectural preferences. Advise client on space planning, layout of furnishings/accessories, and color coordination. (27-1025)	951	29	slower than average	\$61,920 \$29.77	Assoc, Bach, Cert 229, 319, 330, 333, 611	I, Ma, RC, S, TM, W (AE)

Marketing, Sales & Service *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Marketing Managers - Identify, develop, and evaluate marketing strategy, based on knowledge of company objectives, market characteristics, and cost and markup factors. Develop pricing strategies, balancing company objectives and customer satisfaction. (11-2021)	6,190	159	average	\$114,960 \$55.27	Bach, MBA, Experience in a Related Occupation 301, 305, 308, 310, 315, 320-323, 326, 330-333, 335, 337, 339, 349	CT, PS, RC, S, W (EC)
Property, Real Estate and Community Association Managers - Manage and oversee operations, maintenance, administration, and improvement projects of commercial or residential properties. Determine/certify prospective tenant eligibility. Investigate and resolve tenant complaints/violations. (11-9141)	4,861	98	slower than average	\$62,010 \$29.81	Bach, MBA, MA/MS, Experience in a Related Occupation 224, 301, 305, 308, 310, 315, 320-323, 326, 330-333, 335, 337, 339, 349	CT, J, RC, S, TM (EC)
Real Estate Brokers - Operate or work for a commercial real estate office, overseeing real estate transactions. Sell or rent commercial real estate properties and arrange loans. Maintain knowledge of real estate law, local economies, fair housing laws, mortgages, and financing options. (41-9021)	337	6	much slower than average	\$96,740 \$46.51	HS, Assoc, Cert 170, 172-179, 180-193, 195-198, 224, 401-409, 411, 413, 416, 436, 480, 482-483, 492, 526-535, 539, 541-546, 550-552, 567, 571-577, 586	CT, J, RC, S, TM (EC)
Real Estate Sales Agents - Rent, buy, sell and promote properties for clients. Research listings and show properties to prospective clients. Prepare purchase/closing documents, deeds and leases. Coordinate property closings, overseeing document signage, and disbursement of funds. (41-9022)	1,893	44	much faster than average	\$55,120 \$26.50	HS, Cert 170, 172-179, 180-193, 195-198, 224, 401-409, 411, 413, 416, 436, 480, 482-483, 492, 526-535, 539, 541-546, 550-552, 567, 571-577, 586	Ma, RC, S, TM, W (EC)
Retail Salespersons - Sell merchandise, such as furniture, motor vehicles, appliances, or apparel in a retail establishment. Open and close cash registers, balance cash drawers, and make deposits. Ticket, arrange and display merchandise to promote sales. (41-2031)	58,056	1,784	slower than average	\$27,550 \$13.24	HS, OJT	CT, I, J, Ma, RC, S, W (EC)
Sales Managers - Coordinate sales distribution by establishing sales territories, quotas and goals, and establish training programs for sales representatives. Analyze sales statistics to determine sales potential and inventory requirements and monitor the preferences of customers. (11-2022)	8,805	258	faster than average	\$118,640 \$57.04	Bach, MA/MS, Experience in a Related Occupation 301, 305, 308, 310, 315, 320-323, 326, 330-333, 335, 337, 339, 349	CT, J, RC, S, W (EC)
Sales Representatives, Technical and Scientific Products - Sell goods for wholesalers or manufacturers where technical or scientific knowledge is required in such areas as biology, engineering, chemistry, and electronics. Quote prices, credit terms and other bid specifications. (41-4011)	7,246	181	slower than average	\$83,170 \$39.99	Assoc, OJT, Bach Experience in a Related Occupation courses related to product(s) being sold	CT, RC, S, TM (EC)
Sales Representatives, Wholesale and Manufacturing - Sell goods for wholesalers/manufacturers to businesses or individuals. Prepare drawings, estimates, and bids that meet specific customer needs. Arrange and direct delivery and installation of products and equipment. (41-4012)	17,510	437	slower than average	\$77,900 \$37.45	Assoc, OJT, Experience in a Related Occupation courses related to product(s) being sold	RC, S, TM (CE)
Skin Care Specialists - Treat the facial skin to maintain and improve its appearance, using specialized techniques and products, such as peels and masks. Demonstrate how to clean and care for skin properly and recommend skin-care regimens. (39-5094)	1,014	33	much faster than average	\$31,510 \$15.15	HS, Assoc, Cert	CT, RC, S, TM (ESR)
Supervisors/Managers of Retail Salespersons - Directly supervise sales workers in a retail establishment or department. Duties may include management functions, such as purchasing, budgeting, accounting, and personnel work, in addition to supervisory duties. (41-1011)	22,252	480	much slower than average	\$44,760 \$21.52	HS, OJT, Experience in a Related Occupation, Cert., 225, 226, 227, 232	CT, I, J, RC, TM (ECS)

Science, Technology, Engineering & Mathematics

STEM

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Advanced Algebra/Calculus; Chemistry/Organic Chemistry; Civil Engineering & Architecture; Computer Integrated Manufacturing; Differential Equations; Digital Electronics; Engineering Design/Analysis/Processes/Innovation; Information Technology Applications; Microbiology; Physics; Speech/Communication; Statistics; Technical Writing; Trigonometry

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Aerospace Engineers - Perform a variety of engineering work in designing, constructing, and testing aircraft, missiles, and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. (17-2011)	2,521	59	slower than average	\$86,600 \$41.63	Bach, MA/MS 305, 308, 310, 330, 331, 332, 333, 337, 339	CT, J, RC, S, TM, W (IR)
Avionics Technicians - Install, inspect, test, adjust, or repair avionics equipment, e.g. radar, radio, navigation, and missile control systems in aircraft or space vehicles. Keep records of maintenance/repair work. Interpret flight test data to diagnose malfunctions and systemic performance problems. (49-2091)	525	9	much slower than average	\$61,030 \$29.35	Assoc, Cert, Bach 223, 227, 230, 231, 268, 281	CT, I, RC, T (RIC)
Biochemists and Biophysicists - Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy. Conduct research on the chemical combinations and reactions involved in metabolism, reproduction, growth, and heredity. (19-1021)	407	18	much faster than average	\$95,830 \$46.07	Bach, MA/MS, Ph.D. 301, 305, 306, 307, 308, 320-323, 326, 327, 330-335, 337	CT, PS, RC, Sci, TM, W (IAR)
Biological Technicians - Assist biological and medical scientists in laboratories. Set up, operate and maintain lab instruments and equipment, monitor experiments, make observations, calculate/record results. Participate in the research, development, and manufacturing of medicines. (19-4021)	1,342	54	average	\$50,110 \$24.09	Assoc, Bach 222, 223, 226, 231, 305, 331, 333	I, Ma, RC, S, Sci, TM (RIC)
Chemical Engineers - Design chemical plant equipment and devise processes for manufacturing chemicals and products, e.g. gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, by applying principles and technology of chemistry, physics, and engineering. (17-2041)	142	4	much faster than average	\$83,590 \$40.19	Bach, MA/MS 331, 333, 337	CT, Ma, PS, RC, Sci, T, W (IR)
Chemical Technicians - Conduct chemical and physical lab tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for research and development of new products, quality control, maintenance of environmental standards, etc. (19-4031)	514	11	much slower than average	\$45,190 \$21.73	Assoc, Bach 222, 337	CT, Ma, RC, Sci, TM, W (IRC)
Chemists - Conduct qualitative/quantitative chemical analyses or chemical experiments in laboratories for quality or process control, or to develop new products or knowledge. Analyze organic/inorganic compounds to determine chemical and physical properties, composition, structure, etc. (19-2031)	874	31	much slower than average	\$70,390 \$33.84	Bach, MA/MS, Ph.D. 301, 305, 306, 308, 321, 322, 323, 326, 327, 331, 332, 333, 334, 335, 337	CT, PS, RC, S, Sci, TM, W (IRC)
Civil Engineers - Perform engineering duties in planning, designing, and overseeing construction and maintenance of buildings, roads, railroads, airports, bridges, harbors, dams, pipelines, power plants, etc. Includes architectural, structural, traffic, ocean, and geo-technical engineers. (17-2051)	3,277	83	faster than average	\$81,660 \$39.26	Bach, MA/MS 331, 332, 333, 339	CT, J, PS, RC, S, TM, W (RIC)
Electrical Engineers - Design, implement, maintain, and improve electrical instruments, equipment, facilities, components, products, and systems for commercial, industrial, and domestic purposes. Supervise and train project team members as necessary. (17-2071)	2,023	47	much slower than average	\$84,050 \$40.41	Bach, MA/MS 305, 308, 310, 330, 331, 332, 333, 337, 339	CT, J, PS, RC, T, TM (IR)

Science, Technology, Engineering & Mathematics *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Electronic Engineers - Research, design, develop, and test electronic components and systems for commercial, industrial, military, or scientific use utilizing electronic theory and materials properties. Design electronic circuits and components for use in telecommunications, aerospace, etc. (17-2072)	1,264	29	much slower than average	\$85,610 \$41.16	Bach, MA/MS 305, 308, 310, 330, 331, 332, 333, 337, 339	CT, J, Ma, PS, T (IR)
Engineering Managers - Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields. Recruit employees, assign, direct, and evaluate their work, and oversee the development and maintenance of staff competence. (11-9041)	4,317	90	slower than average	\$121,850 \$58.58	Bach, MA/MS, Exp. in a Related Field, 305, 308, 310, 331, 333	CT, J, PS, RC, S, W (ERI)
Environmental Science and Protection Technicians - Collect samples of gases, soils, water, industrial wastewater, and asbestos products to conduct tests on pollutant levels and identify sources of pollution, including those that affect health. (19-4091)	317	15	average	\$43,770 \$21.05	Assoc, Bach	CT, J, Ma, PS, RC, S, W (IRC)
Environmental Scientists and Specialists - Conduct research and perform investigations for identifying, abating, or eliminating sources of pollutants/hazards that affect the environment/public health. Respond to and investigate hazardous conditions, or outbreaks of disease/food poisoning. (19-2041)	876	29	average	\$68,880 \$33.12	MA/MS, Ph.D. 305, 306, 315, 320, 322, 326, 327, 331, 333, 337	CT, PS, RC, S, TM, W (IRC)
Industrial Engineers - Design, develop, test, evaluate, and recommend enhancements to integrated systems for managing industrial production processes including human work factors, quality/inventory control, logistics and material flow, cost analysis, and production coordination. (17-2112)	4,232	146	faster than average	\$77,050 \$37.05	Bach, MA/MS 331, 333	CT, J, Ma, PS, RC, S, TM, W (ICE)
Material Engineers - Evaluate materials and develop machinery and processes to manufacture materials for use in products that must meet specialized design and performance specifications. Develop new uses for known materials. (17-2131)	890	30	much faster than average	\$89,650 \$43.10	Bach, MA/MS	CT, PS, RC, Sci, T, TM, W (IRE)
Mechanical Engineers - Perform engineering duties in planning and designing tools, engines, machines, and other mechanical equipment. Research and analyze customer design proposals, specifications, and manuals to evaluate the design's feasibility, cost, and maintenance requirements. (17-2141)	5,666	168	average	\$80,250 \$38.59	Bach, MA/MS 305, 308, 310, 330, 331, 332, 333, 337, 339	CT, J, Ma, PS, RC, S, Sci, TM, W (IRC)
Medical Scientists - Conduct research dealing with the understanding of human diseases and the improvement of human health. Engage in clinical investigation or other research, production, technical writing, or related activities. (19-1042)	3,035	101	much faster than average	\$95,610 \$45.97	M.D., Ph.D., Exp. in a Related Occupation, 331, 334, 337, 340	CT, I, J, PS, RC, Sci, TM, W (IRA)
Microbiologists - Provide laboratory services for health departments, environmental programs, and physicians for diagnosis/treatment information. Perform tests on water, food, and environment to detect harmful microorganisms and gain information on sources of pollution/contamination. (19-1022)	110	4	much slower than average	\$82,210 \$39.53	Ph.D. 331, 337	CT, J, PS, RC, S, TM, W (IR)
Natural Sciences Managers - Plan, direct, or coordinate activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and development in these fields. Develop innovative technology and train staff for its implementation. (11-9121)	1,126	35	slower than average	\$132,650 \$63.77	Bach, MA/MS, Exp. in a Related Occupation degree in science field plus management skills	CT, Ma, PS, RC, Sci, TM, W (EI)
Social Science Research Assistants - Assist social scientists in laboratory, survey, and other social research. May perform publication activities, laboratory analysis, quality control, or data management. Prepare tables, graphs, fact sheets, and reports summarizing research results. (19-4061)	105	5	slower than average	\$46,610 \$22.41	Assoc, Bach	CT, RC, S, Sci, TM, W (CI)

Transportation, Distribution & Logistics

careers in this group range from truck drivers to logisticians

Want To Take A Journey On This Career Path? Consider Taking Any Of These Courses:

Advanced Algebra; Applications in Transportation, Distribution & Logistics; Auto Mechanics; Calculus; Computer Applications; Energy, Power, Transportation & the Environment; Geometry; Land, Air, Water & Space Transportation Systems; Physics; Vehicular Transportation Systems

see page 8 for Career Table definitions

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Aircraft Mechanics and Service Technicians - Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, e.g. hydraulic/pneumatic systems. Examine and inspect aircraft components, including landing gear, hydraulic systems, and de-icers to locate cracks, leaks, breaks, etc. (49-3011)	2,641	52	much slower than average	\$58,290 \$28.03	Assoc, Cert, Bach., 223, 227, 230, 231, 268, 281	CT, PS, RC, T, W (RCI)
Airline Pilots, Copilots and Flight Engineers - Pilot and navigate the flight of multi-engine aircraft in regularly scheduled service for the transport of passengers and cargo. Requires Federal Air Transport rating and certification in specific aircraft type used. (53-2011)	358	16	much faster than average	\$94,380 N/A	Bach, Cert, Military 225	CT, J, PS, RC, S, T (RCI)
Automotive Body and Related Repairers - Repair and refinish automotive vehicle bodies and straighten vehicle frames. File, grind, sand and smooth filled or repaired surfaces, using power tools and hand tools. Prime and paint repaired surfaces, using paint sprayguns and sanders. (49-3021)	2,012	55	much slower than average	\$47,420 \$22.80	HS, Appren, OJT, Cert 038, 260, 268, 269, 271, 273, 274, 275, 276, 278	I, PS, RC, T, TM (R)
Automotive Service Technicians and Mechanics - Repair a system or component on a vehicle, e.g. brakes, suspension, or radiator. Examine vehicles to determine extent of damage/malfunctions. Perform routine maintenance services e.g. oil changes, lubrications, and tune-ups. (49-3023)	9,234	181	much slower than average	\$43,440 \$20.88	HS, Assoc, Appren, Cert., 029, 038, 077, 085-088, 225, 231, 260-261, 263-269, 270-276, 278, 280, 557	CT, PS, RC, T (RI)
Bus and Truck Mechanics and Diesel Engine Specialists - Diagnose, adjust, repair, or overhaul trucks, buses, and all types of diesel engines. Inspect brake systems, steering mechanisms, wheel bearings, etc. to ensure that they are in proper operating condition. (49-3031)	2,787	69	slower than average	\$46,990 \$22.59	Assoc, Appren, Cert 038, 270	J, RC, T (RC)
Bus Drivers, Transit and Intercity - Drive bus or motor coach, including regular route operations, charters, etc. over specified routes or destinations according to time schedules in order to transport passengers, complying with traffic regulations. May collect fares or tickets. (53-3021)	1,990	47	average	\$31,130 \$14.97	HS, Cert, OJT 006, 038, 078, 092, 464	CT, RC, S, TM (RS)
Cargo and Freight Agents - Expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals, and shipping docks. Take orders from customers and arrange pickup of freight and cargo for delivery to loading platform. (43-5011)	492	16	faster than average	\$50,260 \$24.16	HS, OJT	CT, Ma, PS, RC, S, TM (CER)
Commercial Pilots - Pilot and navigate the flight of small fixed or rotary winged aircraft, primarily for the transport of cargo and passengers. Plan flights, following government and company regulations, using aeronautical charts and navigation instruments. (53-2012)	493	21	faster than average	\$97,800 N/A	Bach, Cert, Military 225	CT, J, RC, S, TM (RIE)
Dispatchers, excluding Police, Fire and Ambulance - Schedule and dispatch workers, work crews, equipment, or service vehicles for conveyance of materials, freight, or passengers, or for normal installation, service, or emergency repairs rendered outside the place of business. (43-5032)	2,143	49	much slower than average	\$43,170 \$20.76	OJT	CT, I, J, RC, S, TM (CRE)

Transportation, Distribution & Logistics *continued*

Occupation - Job Description (SOC Code)	Job Outlook: 2008-18			average annual/hourly wages	education & training routes & site codes	basic skills (interests)
	# empl.	# opens.	growth rank			
Laborers and Freight, Stock and Material Movers, Hand - Move freight, stock, and other materials to and from storage and production areas, loading docks, delivery vehicles, ships, and containers, by hand or using trucks, tractors, and other equipment. (53-7062)	22,100	755	much slower than average	\$28,230 \$13.58	OJT	I, RC, TM (R)
Logisticians - Analyze and coordinate the logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, internal allocation, delivery, and final disposal of resources. (13-1081)	840	24	average	\$76,210 \$36.64	Bach 305, 333	CT, J, RC, TM, W (EC)
Mobile Heavy Equipment Mechanics - Diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, and conveyors, used in construction, logging, and surface mining. (49-3042)	850	20	slower than average	\$54,330 \$26.12	HS, Appren, Cert, Experience in a Related Field 038, 270	CT, J, PS, T (RC)
Motorboat Mechanics - Repair and adjust electrical and mechanical equipment of gasoline or diesel powered inboard or inboard-outboard boat engines. Mount motors to boats and operate boats at various speeds on waterways to conduct operational tests. (49-3051)	439	9	slower than average	\$46,460 \$22.34	HS, OJT, Cert	CT, J, RC, T, TM (RCI)
Production, Planning and Expediting Clerks - Coordinate and expedite the flow of work and materials according to production schedule. Duties include reviewing and distributing production, work, and shipment schedules, and compiling reports on progress of work, etc. (43-5061)	4,781	118	slower than average	\$48,340 \$23.24	HS, OJT	J, Ma, RC, S, TM, W (CE)
Taxi Drivers and Chauffeurs - Drive taxicabs, limousines, company cars, or privately owned vehicles to transport passengers. Communicate with dispatchers by radio, telephone, or computer to exchange information and receive requests for passenger service. (53-3041)	4,678	117	average	\$31,510 \$15.15	HS, OJT	CT, Ma, TM (RE)
Transportation, Storage and Distribution Managers - Plan, direct, and coordinate activities related to dispatching, routing, and tracking land, air, and rail transportation vehicles. Supervise the activities of workers engaged in receiving, storing, and shipping products/materials. (11-3071)	1,282	38	much slower than average	\$86,220 \$41.46	HS, Assoc, Bach., Experience in a Related Occupation 305, 333	CT, J, RC, S, TM, W (EC)
Truck Drivers, Heavy and Tractor-Trailer - Drive trucks or tractor-trailer combos with multi-ton capacities, to transport and deliver goods, livestock, or materials in liquid, loose, or packaged form. Maintain records such as vehicle logs, records of cargo, or billing statements. (53-3032)	14,049	292	slower than average	\$44,600 \$21.45	HS, Cert, OJT 006, 038, 078, 092, 464	CT, J, Ma, RC, T, TM (RC)
Truck Drivers, Light and Delivery Services - Drive and maintain a truck or van with capacities under 3 tons to transport merchandise to and from specified destinations. Maintain records such as vehicle logs, records of cargo, or billing statements. (53-3033)	12,905	231	much slower than average	\$33,420 \$16.07	HS, OJT	RC, S, TM (RC)

The **Connecticut Occupational Employment & Wage** data provides employment and wage data by occupation and is based on the results of the Occupational Employment Statistics (OES) survey. The OES program conducts a bi-annual mail survey designed to produce estimates of employment and wages for over 800 occupations. These estimates are generated at the national, state, and metropolitan area levels. National estimates are derived from responses from 1,200,000 business establishments, while state estimates are based on approximately 21,000 sampled establishments.

Please visit <http://www1.ctdol.state.ct.us/lmi/wages/oesmain.asp> for the wage data by Industry and by Labor Market Areas.

Connecticut Private Occupational Schools

code	school name	city	phone	code	school name	city	phone
001	Stone Academy	Hamden	(203) 288-7474	133	SoNo Academy	South Norwalk	(203) 642-3600
003	Boston Bartenders School of America	Hamden	(203) 281-6499	134	Connecticut Institute of Hair Design	Wolcott	(203) 879-4247
006	Allstate Commercial Driver Training School	Shelton	(203) 922-8252	135	Brio Academy of Cosmetology	East Hartford	(860) 528-7178
014	Boston Bartenders School of America	Wethersfield	(860) 296-0141	136	Creative School of Hairdressing	Manchester	(860) 646-5960
015	Branford Hall Career Institute	Branford	(203) 315-5012	137	Waterbury's Academy of Cosmetology	Waterbury	(203) 753-6888
017	Butler Business School	Bridgeport	(203) 333-3601	140	North Haven Academy	North Haven	(203) 985-0222
023	Connecticut Center for Massage Therapy	Newington	(860) 667-1886	142	Leon Institute of Hair Design	Bridgeport	(203) 335-0364
026	Connecticut K-9 Education Center	Newington	(860) 666-4646	146	Renasci Academy of Hair, Inc.	Milford	(203) 878-4900
029	Porter and Chester Institute of Branford	Branford	(203) 315-1060	148	Renasci Academy of Hair, Inc.	Norwalk	(203) 838-0753
035	Connecticut Training Center, Inc.	East Hartford	(860) 291-9898	150	New England School of Hairdressing & Aesthetics	West Hartford	(860) 953-1777
038	Lincoln Technical Institute	East Windsor	(860) 627-4300	151	'B' Beautiful Hair Institute	Stratford	(203) 375-2849
039	Stone Academy	Waterbury	(203) 756-5500	152	European Hair Design Salon & Academy	Hartford	(860) 296-1845
040	A. B. Training Center, LLC	Waterford	(860) 444-8099	153	Hair Magic Academy	Colchester	(860) 537-9925
041	Dent-Temp Careers, LLC	Danbury	(203) 380-9858	154	Brio Academy of Cosmetology	Meriden	(203) 237-6683
042	Eastern CT Radio Academy	Willimantic	(860) 942-6551	155	Hair's the Place School of Cosmetology & Hair Design	New London	(860) 448-6015
043	Barbizon USA Southwest, LLC	Windsor	(860) 285-8445	156	Oxford Academy of Hair Design	Seymour	(203) 888-9075
044	Crtr. Hartford Orthodontic Assistant Training Academy	Wethersfield	(860) 529-9555	157	Shear Style School of Cosmetology & Hair Design, Inc.	Norwich	(860) 887-1364
050	Institute of Aesthetic Arts & Sciences	Southbury	(203) 262-6070	158	Sistema Soño Beauty School	Stratford	(203) 378-2221
060	Hartford Conservatory	Hartford	(860) 246-2588	159	Torrington Beauty Academy	Torrington	(860) 482-4386
062	Fox Institute of Business	West Hartford	(860) 947-2299	160	Susan & Susan School of Cosmetology	Southbury	(203) 264-0050
066	Institute of Children's Literature	West Redding	(800) 243-9645	161	European Academy of Cosmetology, The	Guilford	(203) 458-3334
070	John Casablancas Modeling & Career Center	Rocky Hill	(860) 563-5959	162	Tonsorial Academy of Cosmetology & Barbering	West Haven	(203) 937-8263
077	Lincoln Technical Institute	New Britain	(860) 225-8641	163	Brio Academy of Cosmetology	Willimantic	(860) 423-6339
078	New England Tractor Trailer Training School of CT	Somers	(860) 749-0711	164	Total Look Academy	Southport	(203) 255-4886
079	Ridley-Lowell	New London	(860) 443-7441	165	Visible Changes Salon & Academy	Old Greenwich	(203) 637-9154
085	Porter and Chester Institute	Enfield	(860) 741-2561	166	Brio Academy of Cosmetology	Niantic	(860) 739-2466
086	Porter and Chester Institute	Rocky Hill	(860) 529-2519	167	Famous School of Barbering & Cosmetology	New London	(860) 625-8294
087	Porter and Chester Institute	Stratford	(203) 375-4463	168	Brio Academy of Cosmetology	Fairfield	(203) 237-6683
088	Porter and Chester Institute	Watertown	(860) 274-9294	169	Creative School of Hairdressing	Enfield	(860) 741-5562
091	American Red Cross Vocational School	East Hartford	(860) 761-0249	170	Academy of Professional Education	Old Lyme	(860) 437-0222
092	Independent CT Petroleum Association/Tech Ed Center	Cromwell	(860) 613-2041	173	American/International Communications Institute	Greenwich	(203) 550-7609
095	Training Direct, LLC	Bridgeport	(203) 372-8842	174	Gateway Real Estate Academy	West Haven	(203) 931-0387
100	Westlawn Institute of Marine Technology	Mystic	(203) 572-9000	176	Anderson Group Real Estate School	Woodbury	(203) 264-7145
108	Connecticut Culinary Institute	Hartford	(860) 677-7869	177	Connecticut Real Estate Institute	Branford	(203) 488-5760
121	Body Secrets Cosmetology and Hairdressing School	South Windsor	(860) 870-8464	178	Appraisal & Real Estate School of CT	Stamford	(203) 326-3315
122	C.M.B. Center for Learning	North Haven	(203) 239-7720	181	Hall Institute School of Real Estate	Shelton	(800) 431-0571
123	Hair Academy on Main	East Hartford	(860) 888-2500	182	Metropolitan Real Estate School	Stamford	(800) 544-3000
124	Prestige Cosmetology and Barber Academy	Bridgeport	(203) 908-4200	183	New Haven Real Estate School	North Haven	(203) 234-3938
125	Amisha Hair, Skin, and Nails	Thomaston	(860) 283-0902	188	Greater Waterbury Board of Realtors Inst. of Real Estate	Waterbury	(203) 596-2240
126	CEHI Academy of Cosmetology and Barbering	Hartford	(860) 233-5640	189	Northwest Conservation District	Torrington	(860) 626-7222
127	Head Quarters Barber Institute	Bridgeport	(203) 332-6871	190	Real Estate Knowledge Services, LLC	Rocky Hill	(860) 571-6987
128	Kelly and Company Academy of Cosmetology	New Milford	(860) 210-8111	192	Real Estate Institute of Learning	East Haven	(203) 467-1135
129	Ace Cosmetology and Barber Training Center	Wolcott	(203) 879-9989	193	Southwell Education	West Hartford	(860) 561-3120
130	Brio Academy of Cosmetology	Torrington	(203) 237-6683	196	Professional Valuation & Real Estate School, A	Clinton	(860) 669-6950
131	Final Cut Barber School	West Hartford	(860) 561-7530	197	Real Estate School of CT, The	Shelton	(203) 929-6212
132	Paul Mitchell The School	Danbury	(203) 744-0900	381	ABC Real Estate Academy	Bethel	(203) 448-0115

Connecticut Private Occupational Schools

code	school name	city	phone	code	school name	city	phone
382	Ado Real Estate Services, LLC	Bridgeport	(203) 416-9037	455	Josie's Big Apple Beauty Academy	New Haven	(203) 562-2544
383	Alliance Real Estate School	West Haven	(203) 937-1617	457	Ricci's Academy	Newtown	(203) 426-1138
384	American Real Estate Training Company	Greenwich	(203) 733-7638	463	Branford Hall Career Institute	Windsor	(860) 683-4900
385	Career Development Training, LLC	Orange	(203) 937-7279	465	Valley Medical Institute	Waterbury	(203) 754-2161
386	CCIM Connecticut Chapter Inc	Woodbridge	(203) 797-0200	469	Educational Training of Wethersfield at New London	New London	(860) 447-8673
387	Charter Oak Learning	Danbury	(203) 778-9999	471	Lincoln Technical Institute/Center for Culinary Arts	Cromwell	(860) 613-3350
388	CT Association of Home Inspectors	West Hartford	(860) 233-6948	473	Lincoln Technical Institute	Hamden	(203) 287-7300
389	CRS Council of Residential Specialists (CT Chapter)	New Milford	(860) 354-6444	474	Clinton Academy of Hairdressing	Clinton	(860) 669-8199
390	CT Real Estate School	Danbury	(203) 746-1199	475	Fifth Avenue Academy	North Haven	(203) 234-7540
391	CT Real Estate Training & Development	Newington	(860) 841-1972	477	Nirvana Salon Academy	Wethersfield	(860) 529-2600
392	Enterprise Learning Centers	Waterbury	(203) 753-4822	478	Vision Academy of Hairdressing	West Hartford	(860) 953-6333
393	Fox Real Estate & Appraisal School	Willington	(860) 429-9732	480	Andover Real Estate Institute	Ridgefield	(203) 470-5443
394	Greater Hartford Real Estate Career Academy	Rocky Hill	(860) 604-1981	482	Mid-Shore Real Estate School	Old Saybrook	(860) 395-0588
395	Greater Hartford Real Estate School	Glastonbury	(860) 659-5797	483	National Real Estate Institute	Middletown	(860) 344-8207
396	Learn and Advance	Bridgeport	(203) 371-4622	490	Branford Hall Career Institute	Southington	(860) 276-0600
397	Legal 1031 Exchanges Services Inc	Monroe	(877) 701-1031	492	Learning Unlimited	Litchfield	(860) 567-9104
398	New Canaan Board of Realtors	New Canaan	(203) 966-9526	502	Teamwork, LLC	Salem	(860) 887-9990
399	Outreach School of Real Estate	Hamden	(203) 498-2031	505	Dent-Temp Careers	Stratford	(203) 380-9858
400	Real Estate Education Center, The	Southington	(860) 302-7563	510	New Horizons Computer Learning Center	Bloomfield	(860) 768-3777
401	Academy of CT Residential Brokerage	Gales Ferry	(860) 464-6967	512	American Red Cross Voc. School/Univ. of Bridgeport	Bridgeport	(203) 338-0951
402	Academy of Real Estate	Stratford	(203) 375-0842	514	American Red Cross Vocational School/South Central	New Haven	(203) 787-6721
405	CT Trust for Historic Preservation Real Estate School	Hamden	(203) 563-6312	515	Atlantic Bartender School	Waterbury	(203) 754-6000
406	Creative Real Estate Instruction	Bristol	(860) 584-9256	521	DiLeo School of Cosmetology & Barbering	Naugatuck	(203) 509-4596
408	Optimum Real Estate Training System	Bridgeport	(203) 345-9816	522	First Impression Academy of Advanced Cosmetology	Hartford	(860) 560-8839
409	P.R.I.D.E. Real Estate University	Milford	(888) 602-0606	525	Shear Brilliance Institute of Hair Design	West Haven	(203) 934-7983
410	Industrial Management & Training Institute	Waterbury	(203) 753-7910	526	Appraisal Institute/CT Chapter	Torrington	(860) 482-9992
415	Sawyer School, The	Hamden	(203) 865-2900	528	CT Association of Realtors	East Hartford	(860) 290-6601
416	Robkat, Inc.	Norwalk	(203) 847-4950	529	CT Real Estate Academy	Middlebury	(203) 758-8144
418	Carmen's Academy of Nails	Middlebury	(203) 598-3444	531	CT Real Estate Institute, The	Stratford	(203) 385-1181
420	CT Center for Massage Therapy	Westport	(203) 221-7325	532	Dynamic Directions	Rockfall	(860) 722-3144
424	Connecticut School of Bartending	Norwich	(860) 886-1955	533	Eastern CT Association of Realtors	Norwich	(860) 892-2595
425	Med-Care Training	Brookfield	(203) 775-5699	534	Greater Hartford Association of Realtors	West Hartford	(860) 561-1800
426	New Haven Professional School	New Haven	(203) 562-3399	539	Mid-State Business & Real Estate Training Center	Wallingford	(203) 265-5768
430	Cook's Nurse Aide Training Program	Plymouth	(860) 283-8208	541	Northeast Career Institute	Monroe	(203) 261-7474
436	Professional Business Institute	Hamden	(203) 230-2724	542	Northern Fairfield County Association of Realtors	Bethel	(203) 744-7255
439	Sawyer School, The	Hartford	(860) 247-4440	545	Real Estate School of New England	Bridgeport	(203) 279-4287
440	Real Estate Institute of CT, The	Hamden	(203) 230-9819	546	Real Estate Training Education Services	Bridgeport	(203) 374-2150
441	Real Estate Training & Education Center	Trumbull	(203) 445-0800	550	Superior Real Estate Training	Fairfield	(203) 255-3353
442	Real Estate University.com	Wilton	(203) 434-5533	554	CFA Floral Design School	Cromwell	(800) 352-6946
443	Rick Dressler's Real Estate School	Unionville	(860) 324-2108	556	Connecticut Culinary Institute	Suffield	(860) 668-3500
444	Stamford Real Estate Education Services	Stamford	(203) 327-1433	558	Connecticut Computer Service, Inc.	Plantsville	(860) 276-1285
445	State Academy of Real Estate	Stratford	(203) 402-0762	559	Connecticut Computer Service, Inc.	Milford	(888) 806-7005
446	Tri-County Board of Realtors Inc	Manchester	(860) 646-2450	561	Connecticut Computer Service, Inc.	East Hartford	(860) 255-0554
447	Educational Training of Wethersfield	Wethersfield	(860) 571-7666	562	CT School of Integrative Manual Therapy	Bloomfield	(860) 243-5220
450	CT School of Professional Studies	Orange	(203) 795-4740	567	Institute of Environmental Management & Technology	Shelton	(203) 924-9544
452	National Bartenders School	Fairfield	(203) 338-8221	571	Ambassador Real Estate School	Hamden	(203) 887-5895
453	Valley Medical Institute	Trumbull	(203) 378-2210	572	CT Professional Business School, LLC	Waterbury	(203) 574-6639

Connecticut Private Occupational Schools

code	school name	city	phone
574	Real Estate Development Center	Southington	(860) 378-1423
575	Real Estate School of New England	Branford	(203) 483-7710
576	Real Estate School of New England	Wethersfield	(860) 263-2121
581	VWCA of New Britain Adult Ed. & Training Center	New Britain	(860) 225-4681
588	American Red Cross Vocational School/Waterbury	Waterbury	(203) 575-9079
596	CTE, Inc. Adult Education & Training	Stamford	(203) 352-4876
599	CT Center for Universal Reflexology	Wolcott	(203) 879-5551
600	CT School of Dog Grooming	North Haven	(203) 234-1116
601	Danae's Training Center	New Haven	(203) 865-0000
604	Today's Tec	Wallingford	(203) 265-6351
605	CT Center for Massage Therapy	Groton	(860) 446-2299
609	Long Ridge Writers Group	West Redding	(800)624-1476
611	School of Interior Redesign	Milford	(203) 783-1556
612	New Horizons Computer Learning Center	Trumbull	(203) 375-3370
613	Academy DiCapelli	Wallingford	(203) 294-9496
614	Avant Garde Salon & Academy	Branford	(203) 481-8443
615	Branford Academy of Hair & Cosmetology	Branford	(203) 481-4101
616	Brio Academy of Cosmetology	Hamden	(800) 424-2746
617	Carlo & Company	Greenwich	(203) 869-2300
619	International Institute of Cosmetology	Wethersfield	(860) 571-0330
620	Joseph Steele School of Cosmetology	East Lyme	(860) 739-4586
621	Simone's Hair Salon & Institute	Southington	(860) 621-5739
622	Lincoln Technical Institute	Shelton	(203) 929-0592
625	National Personal Training Institute	Norwalk	(800) 960-6294
627	Construction Education Center, Inc	Rocky Hill	(860) 529-5886
629	ENVISION Business & Computer School, LLC	West Haven	(203) 934-6882
631	Stone Academy	East Hartford	(860) 569-0618
633	Danbury Nurses Aide Training Program	Danbury	(203) 797-1461
634	Medical Coding Academy, LLC	New Haven	(203) 848-0496
635	American Professional Educational Services	Norwich	(860) 886-1463
636	Precise Care, LLC	Bridgeport	(866) 840-1041
637	Newington Certificate Program	Newington	(860) 667-5304
638	LABCO School of Dental Assisting, Plus	Derby	(203) 734-1626
641	Norwalk Hospital/School of Respiratory Care	Norwalk	(203) 852-2479
642	Bridgeport Hospital/School of Nursing	Bridgeport	(203) 384-3205
643	Hartford Hospital/School of Allied Health	Hartford	(860) 545-2611
644	Danbury Hospital/School of Medical Records	Danbury	(203) 797-7195
645	Stamford Hospital/School of Radiologic Technology	Stamford	(203) 276-7877
646	Windham Cmty. Mem. Hosp./School of Radiologic Tech	Willimantic	(860) 456-6871
647	Yale-New Haven Hosp./School of Diag. Ultrasonography	New Haven	(203) 688-8227
648	CT Medical Training Academy	Windsor Locks	(860) 623-9937
649	EMS Institute/Stamford Hospital	Stamford	(203) 276-7164
650	New Haven Sponsor Hospital/Paramedic Program	New Haven	(203) 562-3320
651	Hospital of St. Raphael/School of Nurse Anesthesia	New Haven	(203) 789-3351
652	Yale-New Haven Hospital/Dietetic Internship	New Haven	(203) 688-2949
653	Danbury Hospital/School of Radiologic Technology	Danbury	(203) 797-7182

code	school name	city	phone
654	Danbury Hospital/School of Surgical Technology	Danbury	(203) 797-7724
655	Danbury Hospital/School of Medical Technology	Danbury	(203) 797-7804
656	Hospital of St. Raphael/Nurse's Aide Program	New Haven	(203) 789-3023
657	Bridgeport Hospital/EMS Department	Bridgeport	(203) 384-3911
658	Danbury Hospital/Emergency Training	Danbury	(203) 797-7554
659	Bristol Hospital EMS	Bristol	(860) 585-3679
660	New Britain School of Nurse Anesthesia	New Britain	(860) 224-5612
661	Bridgeport Hospital/Nurse Anesthesia Program	Bridgeport	(203) 384-3054
662	Saint Francis Hospital & Medical Center	Hartford	(860) 714-5698

Technical High Schools

code	school name	city	phone
260	A.I. Prince	Hartford	(860) 951-7112
261	Bullard-Havens	Bridgeport	(203) 579-6333
262	Howell Cheney Satellite	Enfield	(860) 253-3191
263	E.C. Goodwin	New Britain	(860) 827-7736
264	Eli Whitney	Hamden	(203) 397-4031
265	Emmett O'Brien	Ansonia	(203) 732-1800
266	Bristol Technical Education Center	Bristol	(860) 584-8433
267	H.C. Wilcox	Meriden	(203) 238-6260
268	H.H. Ellis	Danielson	(860) 774-8511
269	Henry Abbott	Danbury	(203) 797-4460
270	Howell Cheney	Manchester	(860) 649-5396
271	J.M. Wright	Stamford	(203) 324-7363
272	Norwich	Norwich	(860) 889-8453
273	Oliver Wolcott	Torrington	(860) 496-5300
274	Platt	Milford	(203) 783-5300
275	Grasso/Southeastern	Groton	(860) 448-0220
276	Vinal	Middletown	(860) 344-7100
278	W.F. Kaynor	Waterbury	(203) 596-4302
280	Windham	Willimantic	(860) 456-3879
281	School for Aviation Maintenance Technicians	Stratford	(203) 381-9250
282	CT Aero Tech School	Hartford	(860) 566-1234

Community Colleges

code	school name	city	phone
221	Asnuntuck	Enfield	(860) 253-3000
222	Capital	Hartford	(860) 906-5000
223	Housatonic	Bridgeport	(203) 332-5000
224	Manchester	Manchester	(860) 512-3000
225	Naugatuck Valley	Waterbury	(203) 575-8040
226	Middlesex	Middletown	(860) 343-5800
227	Three Rivers	Norwich	(860) 886-0177
228	Northwestern CT	Winsted	(860) 738-6300
229	Norwalk	Norwalk	(203) 857-7000
230	Quinebaug Valley	Danielson	(860) 412-7200
231	Gateway	New Haven	(203) 285-2000
232	Tunxis	Farmington	(860) 255-3500

Colleges and Universities

code	school name	city	phone
301	Albertus Magnus College	New Haven	(203) 773-8550
303	Lincoln College of New England	Southington	(860) 628-4751
305	Central CT State University	New Britain	(860) 832-3200
306	Connecticut College	New London	(860) 447-1911
307	Eastern CT State University	Willimantic	(860) 465-5000
308	Fairfield University	Fairfield	(203) 254-4000
310	Rensselaer at Hartford	Hartford	(860) 548-2400
311	Hartford Seminary	Hartford	(860) 509-9500
312	Holy Apostles College & Seminary	Cromwell	(860) 632-3010
315	Mitchell College	New London	(860) 701-5000
319	Paier College of Art	Hamden	(203) 287-3031
320	Post University	Waterbury	(203) 596-4500
321	Quinnipiac University	Hamden	(203) 582-8200
322	Sacred Heart University	Fairfield	(203) 371-7999
323	Southern CT State University	New Haven	(203) 392-5200
324	St. Basil College	Stamford	(203) 324-4578
325	St. Thomas Seminary	Bloomfield	(860) 242-5573
326	Saint Joseph College	West Hartford	(860) 232-4571
327	Trinity College	Hartford	(860) 297-2000
330	University of Bridgeport	Bridgeport	(203) 576-4000
331	University of Connecticut	Storrs	(860) 486-2000
332	University of Hartford	West Hartford	(860) 768-4100
333	University of New Haven	West Haven	(203) 932-7000
334	Wesleyan University	Middletown	(860) 685-2000
335	Western CT State University	Danbury	(203) 837-8200
337	Yale University	New Haven	(203) 432-4771
338	Charter Oak State College	New Britain	(860) 832-3800
339	U.S. Coast Guard Academy	New London	(860) 444-8444
340	University of Connecticut-Health Center	Farmington	(860) 679-2000
341	University of Connecticut-Avery Point	Groton	(860) 405-9019
342	University of Connecticut-Stamford	Stamford	(203) 251-8400
346	Lyme Academy College of Fine Arts	Old Lyme	(860) 434-5232
347	Goodwin College	East Hartford	(860) 528-4111
349	University of Connecticut-Tri Campus	West Hartford	(860) 570-9288
350	Graduate Institute, The	New London	(860) 701-7708
352	St. Vincent's College	Bridgeport	(203) 576-5235
353	Legion of Christ College of Humanities	Cheshire	(203) 271-0805
354	University of Connecticut-Law School	Hartford	(860) 570-5000
355	Alternate Route to Certification	Hartford	(860) 947-1300
356	Bais Binyomin Academy	Stamford	(203) 325-4351
357	Talmudic Institute of Connecticut	Bridgeport	(203) 330-9200

**Prepare your mind to receive
the BEST life has to offer
~ Ernest Holmes**

Community Based Organizations

code	school name	city	phone
671	City of Milford Employment & Training	Milford	(203) 783-3243
672	Sage Services, Inc.	New Haven	(203) 777-7401
673	Opportunities Industrialization Center	New London	(860) 447-1731

State Service Academies

code	school name	city	phone
241	Connecticut Police Academy	Meriden	(203) 238-6504
242	Connecticut Fire Academy	Windsor Locks	(860) 627-6363
243	Connecticut State Police Training Academy	Middletown	(860) 685-8490

Training and Education Planning System *to help you make informed decisions...*

TEPS is a tool designed to aid the analysis and discussion of the demand and supply of talent in Connecticut's workforce. It is intended to help identify where there may be skill shortages or surpluses in the labor market, and thereby guide investments in education and training programs by program planners and administrators, as well as by individuals considering career options.

TEPS is intended primarily for educational administrators and workforce development training providers who are considering whether or not to develop a new program, expand or contract an existing one, or drop an existing program entirely, by showing where there may be a need for trained workers. It can also be used by employment counselors and career counselors in schools for identifying and recommending enrollment in programs that may offer greater opportunities for employment. A better understanding of workforce supply and demand can also be helpful to employers and human resource managers as they assess the education levels of their potential applicant pools. State planners and policy makers can use this data to better integrate workforce development and economic development initiatives by identifying the types of training available and coordinating this training with future economic development goals.

Analysis of supply and demand information is as much of an art as it is a science. Many factors must be considered beyond the numbers of graduates and annual job openings that the TEPS makes available. The TEPS includes data from many sources, including the Department of Labor, Department of Higher Education, and State Department of Education. While these may be the best data available, the TEPS only displays data for a particular period of time and cannot account for all the factors that may influence labor supply and demand in an occupational field. The TEPS data are a starting point, and users will need to use their own knowledge and experience, as well as input from advisory groups and other knowledgeable individuals, to supplement the data available in this system.

For more information go to www1.ctdol.state.ct.us/TEPS

State of Connecticut Government Resources

Education & Employment Information Center (EEIC)

EEIC is a statewide referral service of the CT Department of Higher Education. We are a central source of free information for anyone who has questions about college, careers and job training.

The EEIC hotline operates from 9am - 4pm every weekday except holidays. A trained information specialist can tell you about educational offerings at all levels including college, adult, continuing education and job training programs. They also provide career information, such as job descriptions and services designed to help you find a job.

The EEIC is dedicated to assisting adults looking for retraining or new careers; teens making college or career decisions; unemployed or dislocated workers exploring job options; adults who have not completed high school; homemakers looking to return to college or the job market; professionals making mid-life career changes; senior citizens wishing to enrich their lives with new knowledge; and employers seeking training programs or recent college graduates.

Visit the EEIC website to browse their many publications and useful Internet links such as: college/university courses, costs & schedules, private occupational & vocational schools, adult & community education programs, high school equivalency programs, student financial aid & veteran benefits.

**Board of Governors for Higher Education
Department of Higher Education
Education & Employment Information Center
Information Hotline:
(800) 842-0229 or (860) 947-1810
www.ctdhe.org/eeic**

Commission on the Deaf and Hearing Impaired

The Commission on the Deaf and Hearing Impaired (CDHI) provides counseling and assistance to deaf and hard of hearing persons regarding many types of job related concerns that include: locating and developing job opportunities; referral to available services such as sign language interpreters, job coaches, and vocational assistance.

Services are also available to employers regarding workplace accommodations, sensitivity and awareness training, and resolving employment issues related to deafness.

**To request services or find out more info, contact the
Commission on the Deaf and Hearing Impaired
at: TTY/voice: 800-708-6796 or 860-231-8756
email: cdhi@ct.gov, website: www.ct.gov/cdhi**

Board of Education and Services for the Blind (BESB)

The mission of the BESB is to provide quality educational and rehabilitative services to all people who are legally blind or deaf-blind and children who are visually impaired at no cost to their clients or their families.

BESB is responsible for the confidential registry of people who are blind in Connecticut and provides, within available resources, comprehensive low vision services, specialized education services, life skills training, case management, and vocational services to individuals of all ages who are legally blind and to children who are visually impaired. BESB assists their clients in acquiring the skills and support services necessary to be independent.

**To request services or find out more info, contact BESB
at: 860-602-4000 (voice); 860-602-4221 (TDD);
email: besb@ct.gov website: www.ct.gov/besb**

Attention: Job Seekers, Students, Career Counselors, Teachers, Education/Training Administrators, and Workforce Professionals.

Connecticut Career Posters offer colorful, at-a-glance illustrations of 'job journeys' in each of Connecticut's 16 career clusters. Each poster includes information on some of Connecticut's in-demand occupations within each career cluster, grouped by level of education or training required and average annual wage.

**To view the posters online go to:
www1.ctdol.state.ct.us/lmi/careerposters.asp**

Connecticut Technical High School System

The mission of the Connecticut Technical High School System (CTHSS) is to provide a unique and rigorous high school learning environment that:

- ensures both student academic success and trade/technology mastery, and instills a zest for lifelong learning.
- prepares students for post-secondary education, including apprenticeships, and immediate productive employment.
- and responds to employers' and industries' current and emerging and changing global workforce needs and expectations through business/school partnerships.

**For more information,
call 1-800-U-CAN-TECH (1-800-822-6832)
or visit them online at: www.cttech.org**

State of Connecticut Department of Education

ADULT EDUCATION - Experience the Power of Lifelong Learning

Adult Education programs are free to Connecticut residents aged 16 and older who are no longer enrolled in a public school. Instructional programs include:

Adult Basic Education (ABE) - Instruction is designed for adults who are unable to read, write and compute sufficiently well to meet the requirements of adult life and for adults who lack mastery of basic educational skills that will enable them to function effectively in society. Persons completing ABE are prepared for secondary-level instruction.

English as a Second Language (ESL) - Instruction is designed for adults who have limited proficiency in the English language or whose native language is not English. ESL programs assist individuals to improve their English skills in listening, speaking, reading and writing in order to find or maintain employment, attain citizenship, become more involved with their children's schooling and make greater use of community resources.

Americanization/Citizenship - Instruction is designed for foreign-born adults who wish to become U.S. citizens. Persons completing this program are prepared to pursue citizenship through the required process of the United States Citizenship and Immigration Services.

General Education Development (GED) - Applicants for this examination must be at least 17 years of age and officially withdrawn from school for at least six months. Those who pass the GED are awarded a CT State High School Diploma.

Secondary School Completion Options

1. Adult High School Credit Diploma (AHSCD)

The Adult High School Credit Diploma program is a prescribed plan, process and structure for earning a required number of academic and elective credits. Credits toward a local diploma must be obtained through a prescribed plan that requires a minimum of 20 credits in academic and elective areas. Credits for work or military experience, independent study projects, online courses and self-paced curriculum packets are additional ways to obtain credit. Each provider/town can enhance the basic AHSCD program but must adhere to the minimum state requirements: 1) use certified teachers and counselors; 2) adhere to State Department of Education requirements regarding assessment, enrollment, accountability and reporting; 3) meet required credit standards; and 4) ensure that a one credit course offers a minimum of 48 instructional hours. An adult who successfully completes the required credits of the AHSCD program is issued a local diploma.

2. General Educational Development (GED)

Adults who have not completed high school must demonstrate, through a five-part examination that includes a writing sample, the attainment of academic skills and concepts normally acquired through completion of a high school program. Applicants for this examination must be at least 17 years of age and officially withdrawn from school for at least six months. Individuals who pass the GED Tests are awarded a Connecticut State High School Diploma. GED instructional programs, provided throughout the state in local school districts and a variety of other instructional sites, help individuals to prepare for this rigorous examination.

3. National External Diploma Program (NEDP)

This program provides a secondary school credential designed for adults who have gained skills through life experiences and demonstrated competence in a particular job, talent or academic area. The NEDP is a portfolio assessment program that offers no classroom instruction. An adult who successfully completes the portfolio assessment, as required, is awarded a high school diploma by his or her school district.

For more information, contact the Adult Education office at the Department of Education at (860) 807-2050, or visit them online: www.sde.ct.gov/sde/

State of Connecticut Department of Labor (DOL)

Our Business is Jobs!

The Department of Labor is committed to assisting Connecticut's workers and employers to be competitive in the global economy. If you're in the process of a job search or a career change, many of our programs and services are provided through the 14 One-Stop employment and training centers located across the State.

For more information about Department of Labor, check out the website at: www.ct.gov/dol

State of Connecticut Department of Administrative Services (DAS)

Be a State of Connecticut Employee, The Benefits and Opportunities are Endless!

Being a State employee not only gives you the opportunity to make a difference in someone else's life, but also to advance in your own life. Some of the benefits include: opportunities for promotion; accrued vacation/sick time; personal leave; health/dental/life insurance; tuition reimbursement; disability insurance retirement plan; deferred compensation, and more!

State job postings are available on the DAS website: www.das.state.ct.us

Click the "State Employment" hyperlink in the left margin. Then select "State Job Postings".

State of Connecticut Bureau of Rehabilitation Services (BRS)

"Creating opportunities that allow individuals with disabilities to achieve their full potential for competitive employment and independence."

Vocational Rehabilitation (VR) Program - assists individuals with significant physical and mental disabilities to prepare for and obtain and maintain employment. For further information on the Vocational Rehabilitation Program, call 1-800-537-2549.

Disability Determination Services - the Bureau's Disability Determination Services (DDS) unit is responsible for deciding eligibility for the Social Security Disability Insurance (SSDI) and Supplemental Security Insurance (SSI) programs. These programs provide cash benefits to individuals who are unable to maintain employment due to the severity of their disabilities. For more information contact the DDS office at 1-800-842-8320.

Connecticut Tech Act Project - the primary purpose of this project is to make assistive technology (AT) more accessible to persons with disabilities living in Connecticut. Assistive technology is any device which helps an individual with a disability to maintain or improve their independent functioning.

Connect To Work Project - BRS has established a 'Connect To Work' Center that coordinates information on the programs and services an individual might encounter in their efforts to enter and retain competitive employment. For more information about the Connect To Work Project, call 800-773-4636, or email them at connecttowork.dss@po.state.ct.us

Independent Living Program - BRS' Independent Living (IL) program provides comprehensive independent living services, through contracts with Connecticut's five community-based independent living centers. The guiding principle of independent living is the integration of the person with a disability to the fullest degree possible into the community of choice.

Medicaid for the Employed Disabled Program - This BRS program allows persons with disabilities to be employed without risking eligibility for needed medical services through the Medicaid program. The program also allows certain individuals to keep other services they must have in order to remain employed.

For general information and assistance regarding any of BRS' programs and services contact them at:

1-800-537-2549 (voice only); (860) 424-4844 (voice); (860) 424-4839 (TDD/TTY); www.brs.state.ct.us, e-mail: brs.dss@ct.gov

State of Connecticut Workers' Compensation Commission

JOBs that WORK - for Employees

Vocational Rehabilitation Services provided by the Workers' Compensation Commission

Workers' Rehabilitation Services (WRS)

WRS is dedicated to helping workers who have been injured on their job return to gainful employment by providing quality vocational counseling services. Such services focus on enabling the injured workers to envision their future in a new career.

Most workers in Connecticut are protected by workers' compensation insurance through the Workers' Compensation Act, which provides for vocational rehabilitation. The Commission's Rehabilitation Services program is dedicated to help the injured worker return to work in a position that is physically suitable. Prompt and well-planned vocational rehabilitation may help prevent future injuries.

Are You Eligible?

If you have an accepted workers' compensation claim and your injury (or occupational disease) has resulted in permanent restrictions and/or limitations which do not allow you to return to your regular job, you may be eligible for rehabilitation services. You may apply for rehabilitation services as soon as your physician feels you may not be able to return to your regular work. The best outcome for a work-related injury is a successful return to work as quickly as possible.

**For more information about Workers' Rehabilitation Services,
contact the Commission at: (860) 493-1500 or online at: www.wcc.state.ct.us**

State of Connecticut DOL CTWorks Offices

Bridgeport
2 Lafayette Square
(203) 455-2700

Danbury
152 West Street
(203) 731-2929

Danielson
95 Westcott Road
(860) 779-5850

Enfield
620 Enfield Street
(860) 741-4295

Hamden
37 Marne Street
(203) 859-3200

Hartford
3580 Main Street
(860) 256-3700

Meriden
85 West Main Street
(203) 238-6148

Middletown
645 So. Main Street
(860) 754-5000

New Britain
260 Lafayette Street
(860) 827-6200

New London
Shaws Cove Six
(860) 439-7400

Norwich
113 Salem Turnpike
(860) 859-5600

Torrington
685 Main Street
(860) 496-3300

Waterbury
249 Thomaston Avenue
(203) 437-3380

Willimantic
1320 Main Street
(860) 465-2120

State of Connecticut Web Resources

Department of Education
www.sde.ct.gov/sde
Information on programs & services available through the Dept. of Education.

CT Army National Guard
www.ct.ngb.army.mil
Information on programs and jobs with the CT Army National Guard.

Department of Higher Education
www.ctdhe.org
Information on private occupational schools, colleges, universities, etc.

Department of Labor (DOL)
www.ctdol.state.ct.us
Includes information on career workshops, upcoming job fairs, apprenticeship, and training programs. Be sure to view or download any of DOL's resourceful publications.

CT Distance Learning Consortium
www.ctdlc.org
Information on Connecticut schools that offer courses online.

Connecticut Job Central
www.jobcentral.org/ct
Provides assistance to job seekers in their efforts of finding meaningful and high paying jobs, while also acting as an employment hiring resource for companies in CT looking for qualified employees. You can search for jobs, get resumé help, college loan info, links to military careers, and job search tools for tools designed for veterans.

CT Mentor
www.ctmentor.org
Online resource to help students and parents select a college, finance college, and even apply for college online!

CT Regional Education Applicant & Placement Program (CTREAP)
www.ctreap.net
Jobs in public education.

Government Jobs
www.das.state.ct.us (CT jobs)
www.usajobs.opm.gov (U.S. jobs)
The official website(s) for State of CT and Federal Government employment openings.

You Belong in Connecticut
www.youbelonginct.com
Information and links related to working and learning in CT.

Youth Employment
www.ctdol.state.ct.us/youth/main.htm
Provides self-assessment, college & career exploration, resumé writing tips, and interviewing techniques designed for young adults entering the world of work.

Office of Research Web Products

Connecticut Job & Career Connection
www.ctjobandcareer.org

Intended for use by students, teachers, counselors, job developers, job seekers, and anyone else in need of information on jobs and careers. It will guide you with a step-by-step process to explore the world of work - choosing an occupation, finding the appropriate education and training, and finding the right job.

The Job & Career Connection helps you identify occupations that may be a good match for your skills, interests, and personality, and provides you with detailed information on these occupations. It will help you find appropriate education and training opportunities and identify employers who may hire people for those occupations.

CT Education Training Connection
www.cttraining.info

Intended for use by students, teachers, counselors, job seekers, job developers, and others in need of information on education and training. It offers several search options to explore the world of Education & Training in Connecticut. Find providers in your area that offer the program or course you are interested in, or find out which programs or courses are related to the occupation you are interested in.

CT Labor Market Information
www.ctdol.state.ct.us/lmi

The Department of Labor's "Office of Research" is Connecticut's leading producer of information and statistics on the State's economy, workforce, occupations, and careers.

The Office prepares a variety of print and electronic resources for assessing Connecticut's needs for skilled workers, for assisting in economic development initiatives, for aiding in the program planning of education & training providers, and for guiding the job seekers and students on their career choices.

LMI is generated from surveys and various databases maintained within the Office of Research. Some of the LMI data collections include: commuting patterns; cost of living; demographic statistics; economic conditions & trends; employer data by industry and size class; hours & earnings data by industry; industrial/occupational employment and projections; labor force statistics; occupational data by gender/race & occupational wage rates.

Career & Educational Web Resources

America's Career InfoNet

www.acinet.org

Wages, employment trends, and career exploration including career videos.

Career Browser

www.collegeboard.com

Explore careers, browse specific jobs and learn about working conditions, job forecast, and related professions. Great site for students, parents and teachers!

Career Pro News

www.careerpronews.com

Articles about the world of work, news briefs covering careers and hiring trends, and more.

College Students

www.jobweb.com

Career information and tips for college students and recent graduates. Use tool bar at top of screen to navigate site.

Employment & Training Administration (ETA)

www.doleta.gov/jobseekers

Career exploration, job hunting resources, and links to providers and services.

Hot Jobs

www.hotjobs.com

Powered by Yahoo! Users can search for jobs in several ways: by keyword, job category, location, experience level, or a combination of these choices. Users can create their very own personalized HotJobs to help them organize their job search. Additionally, personal job search agents match job seekers' search criteria with the latest job postings and email back to the job seeker.

JobBank USA

www.jobbankusa.com

Links to industry and professional associations, employment services and job search resources.

Job Hunter's Bible

www.jobhuntersbible.com

One of the Internet's premier career exploration and job placement sites.

Job Search Made Simple

www.simplyhired.com

Looking for a job shouldn't be a full-time job! We search thousands of job sites and companies, just so you don't have to.

Mechanical/Trade Jobs

www.HVACjob.com

www.ELECTRICjob.com

www.PLUMBjob.com

Full service nationwide job bank site for HVAC, electrical, plumbing and piping companies and industries.

Military and Veterans

www.militarycareers.com

Online resource for those who are seeking information on jobs in the military.

www.militaryhire.com

This Web site was developed and is maintained by a team of both military veterans and corporate hiring authorities.

Provides job search resources and contacts specifically for veterans.

www.1800goguard.com

Describes benefits and responsibilities of joining the U.S. Army National Guard.

Monster Jobs

www.monster.com

One of the top job search and career exploration sites on the Web! Offers interactive career management tools for job seekers.

My Future

www.myfuture.com

Provides information on colleges, careers, military service, scholarships, financial aid, and money management designed specifically for young adults.

Older Workforce

www.aarp.org

Click on the 'money' then 'work' links from the AARP home page to find articles, programs, and online community chat groups geared for folks age 50 and older.

O*NET Online

online.onetcenter.org

Detailed information on occupations, including a search that finds occupations requiring the skills you already have.

Peterson's Guide

www.petersons.com

Education resource guide.

Project Career

www.projectcareer.com

This is a content-rich informational site whose purpose is to provide users with career advice and guidance along with relevant opportunities. Their goal is to match the users to the right careers.

Quintessential Careers

www.quintcareers.com

Offers self-assessment tools to help you locate the right college, career, or job. This Web site offers lots of good information and resources for everyone.

STEM Careers

www.careercornerstone.org

Career planning resources in science, technology, engineering, mathematics, computers, AND healthcare. Provides career preparation tips, salary data, job search ideas, personal interviews with hundreds of people who offer candid insight into their own diverse careers, and updated lists of summer camps, national programs and projects, as well as scholarship opportunities for high school students. They also offer free monthly online newsletter.

The Wall Street Journal

www.careerjournal.com

www.collegejournal.com

Updated daily, these sites offer a wealth of information and interactive tools for effective job hunting, college searches, career exploration, and management.

College: How to Choose

Students have a lot to think about when choosing a college. Now, there's a checklist that may help in the decision-making process.

ACT, maker of the college entrance exam by the same name, suggests 11 factors for students to consider when selecting a school. The factors are academics, including programs and majors offered by the school; admission requirements; costs; financial aid; size of the school; environment; activities, such as sports and clubs; location; housing; facilities, both academic and recreational; and campus tours.

Each student's situation and goals affect which of these factors are most important to him or her. Students should start by identifying the factors that will have the biggest influence on their decision, such as being close to home or the availability of a particular major, and then use those factors to compare and rank schools.

**More helpful information for students is available at
www.actstudent.org/college/factors.html**

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.

Available online at www.scied.science.doe.gov/scied/sci_ed.htm

Source: Bureau of Labor Statistics: Occupational Outlook Quarterly



**DEFEND FREEDOM.
EARN MONEY FOR COLLEGE**



**In the Army National Guard, YOU CAN have it all!
As a citizen-soldier who serves part-time in the
Army National Guard YOU CAN:**

- Have a part-time job with full-time benefits
- Earn money for college
- Earn an additional paycheck
- Serve your community and country
- Gain career opportunities
- Find adventure and challenge

You can do all of these with part-time service while maintaining a full-time civilian life. Join the National Guard and you can qualify for:

100% Free College Tuition

By joining the National Guard you become eligible to attend any Connecticut State College, University, or Community College—TUITION FREE!

Tuition Assistance Program

If you plan on attending a private school, or will be continuing on with graduate program studies, you can use our Tuition Assistance program.

It's more than the money!

The Connecticut National Guard's role is three-fold. We support our communities, our state and our nation. When called, we serve during times of natural disaster or when deemed necessary by the Governor. When the President calls, we serve as a reserve force to the active duty military. Overseas relief efforts are also a part of the Connecticut National Guard's mission.

In the National Guard you report to work, one weekend a month, right here in Connecticut. In addition, you receive:

- LEADERSHIP TRAINING
- PROFESSIONAL & TECHNICAL SKILLS
- PHYSICAL CONDITIONING
- TRAVEL OPPORTUNITIES
- LIFE INSURANCE & RETIREMENT PROGRAMS
- PERSONAL SELF MOTIVATION

Want an edge when you enter the job market?

If you have a career goal in the private sector, you bet the Army National Guard has a corresponding career path. Your job in the Guard can be your ticket into some of the hottest industries and most coveted career fields. Employers are looking for experienced, disciplined individuals. Guard Service will not only provide real-world training in over 100 exciting careers, but it also demonstrates respect and commitment on a resumé. Contact a Recruiter today to learn how the Guard can prepare you for a successful career in any field.

Contact A Recruiter

So you think you're up to the challenge? "Duty, Honor, Country" are more than just words to you? Well, there's only one way to find out if you've got what it takes to be a member of an elite team of warriors.

To learn more, visit our website or call:

WWW.1800GOGUARD.COM

1-800-GO-GUARD (1-800-464-8273)

The Connecticut Career Resource Network expresses its appreciation to the Connecticut National Guard for its generous assistance in distributing Connecticut Career Paths to schools, agencies, and organizations throughout the State.