



## GREEN BUILDING TRAINING RESOURCE GUIDE

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We've collected a list of free resources available to help you build on your newly acquired skills. Also, be sure to check the City of Raleigh Office of Sustainability website, [www.raleighnc.gov/sustainableraleigh](http://www.raleighnc.gov/sustainableraleigh), regularly for more classes.

### **GREEN BUILDING RESOURCES**

#### ***Federal Government Agencies and Programs***

##### **Department of Energy, DOE:**

The Department of Energy's overarching mission is to advance the national, economic, and energy security of the United States and to promote scientific and technological innovation in support of that mission. The Department of Energy has various initiatives and joint initiatives, such as Energy Star.

[www.energy.gov](http://www.energy.gov)

Main Switchboard: 1-202-586-5000

##### **Department of Energy Building Energy Codes Program**

The U.S. Department of Energy's Building Energy Codes Program is an information resource on national model energy codes. We work with other government agencies, state and local jurisdictions, national code organizations, and industry to promote stronger building energy codes and help states adopt, implement, and enforce those codes.

<http://www.energycodes.gov/>

##### **Energy Star**

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices. Energy Star labels energy efficient products based on EPA specifications. Additionally, Energy Star certifies Builders.

<http://www.energystar.gov/>

##### **Environmental Protection Agency, EPA**

EPA leads the nation's environmental science, research, education and assessment efforts. The mission of the Environmental Protection Agency is to protect human health and the environment. Since 1970, EPA has been working for a cleaner, healthier environment for the American people. The EPA develops and enforces regulations, gives grants, studies environmental issues, sponsor partnerships (like Energy Star) and teach people about the environment.

<http://www.epa.gov/>

**WaterSense**

WaterSense is an EPA-sponsored partnership program, which promotes water efficiency and seeks to enhance the market for water-efficient products, programs, and practices. The WaterSense label helps consumers identify water-efficient products that meet water efficiency and performance criteria. The Watersense label can be found on a range of products and services including: toilets, urinals, showerheads, sinks, faucets, new homes, and landscape professionals.

<http://www.epa.gov/WaterSense/>

(866) 987-7367

***North Carolina State Government Programs and Departments*****North Carolina Board of Architecture**

<http://www.ncbarch.org/>

**North Carolina Board of Examiners of Electrical Contractors**

<http://www.ncbeec.org>

**North Carolina Board of Examiners of Engineers and Surveyors**

<http://www.ncbels.org/>

**North Carolina Department of Commerce, NC DOC**

The Department of Commerce serves existing business and industry, including providing international trade assistance; recruiting new jobs and domestic and foreign investment; encouraging entrepreneurship and innovation; marketing North Carolina and its brand; supporting workforce development; strengthening communities; and promoting tourism, film and sports development. The Department also provides data, statistics, information and reports for state government and agencies, which regulate commerce in the state.

Grants are also available through the Department's Green Business fund and are awarded to organizations with innovative projects (mainly focused on renewable energy or sustainable practices).

[The North Carolina Board of Science & Technology - The North Carolina Green Business Fund](http://www.nccommerce.com/en)

<http://www.nccommerce.com/en>

(919) 733-4151

**North Carolina Department of Environment and Natural Resources, NCDENR**

The N.C. Department of Environment and Natural Resources (DENR) is the lead stewardship agency for the preservation and protection of North Carolina's outstanding natural resources. The organization, which has offices from the mountains to the coast, administers regulatory programs designed to protect air quality, water quality, and the public's health.

<http://portal.ncdenr.org/web/guest>

**North Carolina Department of Insurance**

<http://www.ncdoi.com/>

**North Carolina Licensing Board for General Contractors**

<http://www.nclbgc.com/index.html>

(919) 571-4183

**North Carolina State Board of Examiners of Plumbing, Heating, and Fire Sprinkler Contractors**

<http://www.nclicensing.org/general.htm>

(919) 875-3612

## **North Carolina State Board of Refrigeration Examiners**

<http://www.refrigerationboard.org/wp/>

## **North Carolina Solar Center:**

The Solar Center at NC State University serves as a clearinghouse for renewable energy programs, information, research, technical assistance, and training for citizens of North Carolina and beyond.

(919) 515-3480

[ncsun@ncsu.edu](mailto:ncsun@ncsu.edu)

<http://www.ncsc.ncsu.edu/>

## ***National Associations or Organizations***

### **American Council for an Energy Efficient Economy (ACEEE)**

An independent, nonprofit organization dedicated to advancing energy efficiency as a means of promoting both environmental protection and economic prosperity.

[www.aceee.org](http://www.aceee.org)

(202) 507-4000

### **American Solar Energy Society (ASES)**

A national membership association dedicated to advancing the use of solar energy.

[www.ases.org](http://www.ases.org)

### **American Wind Energy Association (AWEA)**

The AWEA is the national association of the US wind energy industry.

[www.awea.org](http://www.awea.org)

(202) 383-2500

### **USGBC, US Green Building Council**

The US Green Building Council is a non-profit community of leaders working to make green buildings available to everyone within a generation. The US Green Building Council sponsors the LEED, Leadership in Energy Efficient Design, Green Building Rating System and is the certifying third party for LEED projects.

<http://www.usgbc.org/>

### **BPI, Building Performance Institute**

The Building Performance Institute, BPI, is a developer of technical standards for home performance and weatherization retrofit work that are recognized across North America. Their training programs are based on building science and house-as-a-system concept. BPI offers individual certification and program support

<http://www.bpi.org/>

### **National Electrical Contractor's Association, NECA**

The National Electrical Contractor's Association's national and 119 local chapters advance the industry through advocacy, education, research, and standards development.

<http://www.necanet.org/>

### **Energy Services Coalition**

<http://www.energyservicescoalition.org/index.html>

### **Greenroofs.com; The Green Roof Industry Resource Portal**

<http://greenroofs.com/>

### **HERS, Home Energy Rating System**

RESNET Ratings provide a relative energy use index called the HERS® Index - a HERS Index of 100 represents the energy use of the "American Standard Building" and an Index of 0 (zero) indicates that the Proposed Building uses no net purchased energy (a Zero Energy Building). A set of rater recommendations for cost-effective improvements that can be achieved by the Rated Building is also produced.

<http://www.natresnet.org>

### **International Association of Electrical Inspectors**

<http://www.iaei.org/>

### **National Renewable Energy Laboratory**

<http://www.nrel.gov/>

### **National Association of Home Builders**

<http://www.nahb.org/default.aspx>

### **RESNET: Residential Energy Services Network**

RESNET is an industry not-for-profit membership corporation and a national standards-making body for energy efficiency rating systems

<http://www.natresnet.org>

### **The National Hydropower Association (NHA)**

The NHA is an association dedicated to building greater public awareness of the advantages of hydropower as our nation's most plentiful renewable energy source.

[www.hydro.org](http://www.hydro.org)

(202) 682-1700

### ***North Carolina Organizations and Associations***

#### **North Carolina International Association of Electrical Inspectors**

<http://www.nciaei.org/>

#### **North Carolina Building Inspector's Association, NCBIA**

<http://www.ncbia.org/>

#### **North Carolina Licenses Home Inspector Association**

<http://www.nclhia.com/>

#### **Plumbing, Heating, Cooling Contractors of North Carolina, PHCC-NC**

Focusing on education, legislative representation, and improving members' profitability, PHCC-NC, Inc. leads the way in advancing the interests of the plumbing-heating-cooling industry.

<http://www.phccnc.org/>

(919) 532-0522

## FOR JOB-SEEKING INDIVIDUALS AND PROFESSIONALS

Explore new career options based on the skills you've used in a past job.  
Compare careers, find training, and search for jobs.

- o [www.myskillsmyfuture.org](http://www.myskillsmyfuture.org)

## FOR JOB-SEEKING CONSTRUCTION PROFESSIONALS

JobLink Career Center Systems, <http://www.joblinkcc.com/>, is probably your best source for information and career services. The Workforce Investment Act (WIA) of 1998 provided funds to meet the training needs of youth, adults and dislocated workers by establishing JobLink Centers.

- o Capital Area's JobLink Career Center System brings together an array of services to help job seekers find employment and to assist businesses in filling their job openings.
- o JobLink Centers are conveniently located in local schools, community centers, places of worship, and YMCAs. For a complete list of centers, visit <http://www.joblinkcc.com/centers/> or call (919) 856-6040 for more information.
- o Services Include:
  - o Resume Preparation
  - o Fax, Copy, Phone, Email Services
  - o Notary Public
  - o Job Search Assistance
  - o Job Listings

### Websites:

[www.ConstructionWork.com](http://www.ConstructionWork.com)

[www.iHireconstruction.com](http://www.iHireconstruction.com), must create username

[www.HMC.com](http://www.HMC.com), management positions

[www.aisc.org](http://www.aisc.org)

<http://www.constructioninst.org/careers/index.cfm>, click "Positions Available"

[www.ConstructionJobs.com](http://www.ConstructionJobs.com), must create username

[www.ConstructionExecutive.com](http://www.ConstructionExecutive.com),

[www.ConstructionJobStore.com](http://www.ConstructionJobStore.com)

[www.Construction.com](http://www.Construction.com)

[www.AECWorkForce.com](http://www.AECWorkForce.com)

<http://energync.org/jobs>

## EDUCATIONAL RESOURCES

**Goodwill Industries of Eastern North Carolina.....( 919)-941-9600**  
**321 West Hargett Street. Raleigh, North Carolina 27601**

Beginning computer skills, Introduction to Computers, Introduction to Internet / Email, &  
Introduction to Office Applications. Classes available for free online at <http://gcflearnfree.org>

**First Presbyterian Church Community Outreach Ministry.....(919) 715-3451**  
**124 S. Salisbury Street, Raleigh 27601** GED - Tuesday & Thursday 9am-12pm; Wednesday  
9am-11:30am. Child care available on-site.

**Forest Hills Baptist Church: .....(919) 828-6161**  
**3110 Clark Ave., Raleigh, NC 27607** ESL offered from September through May. Wednesdays  
6:00-7:45 p.m.; Sundays 9:15-10:45 a.m. Contact Mr. Frober.

**Haven House Services:.....(919) 719-0872**  
*Structured Day Program*--for middle school students who are short-term suspended from WCPSS. *Second Round Boxing Program*- Basic class for ages 10-21yrs. Offered Monday, Wednesday and Friday. *Project Ready*- Youth ages 16-21. GED On-Line program for completion of high school diploma.

**Raleigh Rescue Mission: .....(919) 828-9014**  
**Learning Center/Computer Lab 314 E. Hargett St., Raleigh, NC 27601**  
GED - Monday & Wednesday 9am-12noon. Other free adult education classes include Life Skills, Creative Writing, Continuing Education, Computer Basic, Graphics, Art, Training to Work in Today's Office Environment. (Mondays 9am-10:30am), money management (Wednesdays 6:45-8:45pm) & ESL classes as needed; computers available for GED study, Monday through Friday, 9am-4:30pm. For further information call Mike Dore at the above number, ext. 108.

**Wake Tech Adult Education Center: .....(919)715-3434**  
**1920 Capital Blvd., Raleigh, NC**  
Monday-Thursday 8am-9pm.; Friday 8am-5pm. GED, ABE, ESL, and Basic Skill classes offered. Many options as far as days and times. Classes for adults over 18 who have dropped out of school.

**North Carolina Community College System.....(919) 807-7100**  
**200 West Jones Street, Raleigh, NC 27603**  
Colleges provide education, training and retraining for the workforce, including basic skills, ESL and literacy education, occupational and pre-baccalaureate programs (Technical Programs; Vocational Programs; Continuing Education; Basic Adult Education Programs; College Transfer Programs; General Education Programs; and Industry Programs) Contact any of your local community colleges for information on enrollment in these classes at <http://www.nccommunitycolleges.edu/>

**State Child Care Licensing Office.....(919) 662-4499**  
**(Regulatory Services Section) ..... Toll Free (800) 859-0829 NC Residents Only**  
**319 Chapanoke Road, Suite 120, Raleigh, NC, 27603**  
Regulates the health, safety, and well-being of children in out-of-home care; provides support and quality control services to child care providers. <http://www.ncchildcare.net>

**Step Up Ministry (Jubilee Jobs).....(919) 781-0156**  
**1701 Oberlin Road, Raleigh, NC 27608**  
Assist single adults, couples and families who have educational, employment and housing needs. Program participation includes a phased, incentive-driven curriculum that encourages spirituality, self-awareness and connection as building blocks to success.

**Wake County Public School System.....(919) 850-1600**  
**3600 Wake Forest Road, Raleigh, NC 27609;**  
**Mailing Address: P. O. Box 28401, Raleigh, NC 27611-8041**  
Office hours Monday through Friday 8am-5pm.

## **EMPLOYMENT RESOURCES**

**Capital Area Workforce Development.....(919) 856-5608**  
**300 South Salisbury St., Raleigh NC 27602**

For families displaced from Hurricane Katrina and in need of employment or job training.

**Community Partnerships, Inc. (Support Brokerage).....(919) 781-3616**  
**3522 Haworth Drive, Raleigh NC 27609** [www.compart.org](http://www.compart.org)

Assistance finding and maintaining employment for adults with a diagnosed disability or for parents looking for employment that have a child with a disability.

**Culinary Job Training Program (Interfaith Food Shuttle).....(919) 250-0043**  
**1001 Blair Drive, Raleigh, NC 27610**

Ten-week culinary (chef) training program including resume and interviewing skills as well as job placement. All materials provided, and students receive weekly stipend.

### **Employment Security Commission**

#### **Job Service Offices:**

**3351 Carl Sandburg Court Raleigh, NC 27610.....(919) 212-3849**

**724-F East Chatham St., Cary, NC 27511.....(919) 469-1406**

Monday through Friday 8:30 a.m. – 5:00 p.m.

**Goodwill Industries.....(919) 828-7490**

**321 W. Hargett Street, Raleigh, NC 27601**

<http://www.goodwillenc.org>

Employment opportunities in retail setting for individuals with disabilities or social disadvantages.

**JobLink Career Center.....(919) 250-3770**

**Wake County Human Services Center, 220 Swinburne Street, 3<sup>rd</sup> Floor, Raleigh, NC 27610**

Monday – Friday, 9:00 a.m. – 4:15 p.m; Tuesdays open until 8:00 p.m.

The JobLink Career Center located in the Wake County Human Services Center on Swinburne Street provides a professional setting where job seekers can search for employment and training opportunities and where businesses can access a large pool of potential job applicants. Bi-lingual staff are available (call for availability). Note: There are several JobLinks in Wake County. For locations and hours of operation, visit the JobLink website at <http://www.joblinkcc.com/>

**Jubilee Jobs.....(919) 834-0372**

**Step Up Ministry, 1701 Oberlin Road, Raleigh, NC 27608**

The Jubilee Jobs Program provides skilled compassionate job preparation and placement services to unemployed job seekers through a process of mentoring and active assistance. Workshops and networking support groups focus on job retention, goal setting and practical steps toward wage growth, education, and training.

**North Carolina Division of Services for the Blind.....(919) 733-4234**

**2601 Mail Service Center, Raleigh, NC 27699**

Rehabilitation Program-Services offered to assist individuals who are blind or visually impaired in obtaining or maintaining employment and in living more independently. Independent Living Program-Services are provided to help the visually impaired senior population maintain self-sufficiency in their place of residence. School to Work Program- Transition services are provided to help high school students obtain various employment opportunities.

**North Central Family Resource Center of Wake County.....(919) 834-9300**  
**501 S. Bloodworth St. Raleigh NC 27601** [www.frcofraleigh.org](http://www.frcofraleigh.org)

Computer access and offers help with resumes, job searches, employment, credit counseling, obtaining credit reports, and workshops. Must be low-income and a Wake Co. resident.

**PRO-Familia.....(919) 212-9396**  
**2815 Kidd Road, Raleigh, NC 27610**

Monday – Friday, 8:30 a.m. – 5:15 p.m.

PRO-Familia assists economically disadvantaged, non English-speaking Latino families become self sufficient through employment. The program also focuses on assisting participants in improving their English language skills. PRO-Familia targets Hispanic families with at least one child below the age of 18 living with them in Wake County whose total gross wages and unearned income do not exceed 200% of federal poverty guidelines.

**Telamon.....(919) 851-6141**  
**4917 Water's Edge Dr., Suite 220, Raleigh, NC 27606** <http://www.telamon.org/>

Employment training for migrant/seasonal farm workers.

**Vocational Rehabilitation.....(919) 733-7807**  
**436 N. Harrington Street, Raleigh, NC 27603**

A person residing in Wake County may apply for services by contacting the VR office at the above address or by calling the phone number listed.

Eligibility: A person who has a physical, mental, learning disability, or emotional impairment that affects your ability to find or maintain employment, and that person requires VR services to get ready for, find, or keep a job.

**Wake County Supportive Employment Program.....(919) 212-7104**  
**220 Swinburne Street, 3<sup>rd</sup> Floor, Raleigh, NC 27610**

Monday – Friday, 8:30 a.m. – 5:15 p.m.

The Supportive Employment Program provides intensive employment support to Wake County residents (18 years of age and older) who have severe mental illness and overlapping disabilities. Individualized supports are provided by employment specialists to help consumers find competitive employment in integrated job settings. Community based services such as job development, job placement and coaching services are provided; follow-along supports are maintained indefinitely. Supportive Employment also serves Work First consumers who need intensive employment support.

**Workforce Investment Act (WIA) Programs.....(919) 250-3770**  
**Swinburne Street, 3<sup>rd</sup> Floor, Raleigh, NC 27610**

Monday – Friday, 8:30 a.m. – 5:15 p.m.

Wake County Human Services operates two programs through the Workforce Investment Act: 1) Adult Program; 2) Dislocated Worker Program. Both offer assistance with job search and/or training to assist customers in re-entering the workforce. The WIA Adult Program determines eligibility on an individual basis based on the individual's employment or economic situation. The WIA Dislocated Worker Program assists persons who have lost their job due to layoffs, plant closings, economic downturns or natural disasters.

**Working for Kids.....(919) 212-9396**

**2815 Kidd Road, Raleigh, NC 27610**

Monday – Friday, 8:30am–5:15pm.

Program orientation (for those interested in learning about Working for Kids) held on Wednesdays at 10a.m. Working for Kids helps economically disadvantaged, non-custodial parents obtain and maintain employment so that they may become more self-sufficient, satisfy their child support obligations and become more active, positive role models for their children. Working for Kids assists non-custodial parents who are Wake County residents and who meet certain criteria: Unemployed, underemployed or having difficult making child support payments AND Have a child who receives Work First cash assistance AND/OR Total gross wages and unearned income of non-custodial parent do not exceed 200% of federal poverty guidelines.

**BUDGET AND CREDIT COUNSELING**

**Latino Community Credit Union (La Cooperativa Latina).....(919) 855-9696**

**1420 Hardimont Road, Raleigh, NC 27609**

<http://www.cooperativalatina.org>

Banking services for members. Costs \$10.00 to open an account and a \$20.00 once in a lifetime family membership fee for other services. Membership includes access to help with financial problems, financial education and credit counseling. Open Monday through Thursday 9am-5pm and Friday 9am-6pm. Must bring valid picture ID.

**Supportive Housing Program (WCHS).....(919) 231-5957**

Provides case management services to help participants maintain housing. Offers housing and education through Ready To Rent class. Call for dates and location. Call or visit the office for a list of workshops on credit, budgeting, home buying, apartment vacancies, and other housing resources.

**Triangle Family Services.....(919) 821-1770**

**401 Hillsborough Street, Raleigh, NC 27603**

<http://www.tfsnc.org>

Offers Consumer Credit Counseling Services (CCCS). Provides debt management services to families and individuals, as well as financial literacy education seminars, focusing on such topics as home budgeting and financial management, first-time home buying, avoiding identity theft, reducing consumer debt, and avoiding predatory lending schemes.

**Wake County Human Services, Service Intake.....(919) 212-7000**

**220 Swinburne Road, Raleigh, NC 27610**

Monday through Friday 8:30am-5pm. Must register by 4:30 p.m. Service Intake social workers will work with individuals on a variety of issues including budget counseling.

**LEGAL SERVICES**

**Attorney General – Consumer Protection.....Local Concerns.....(919) 716-6000**

**Or, for out-of-area concerns.....800-566-7226**

**East Central Community Legal Services**

**Current clients call:.....(919) 828-4647**

**New clients call:.....1-866-219-5262**

**219 Fayetteville Street Mall, Suite 810, Raleigh, NC 27601**

Free legal advice and assistance for non-criminal matters available to low-income residents of Wake, Johnston, Harnett, Lee, and Sampson counties. Areas of practice include family, employment, consumer, housing, public benefits and education law.

Monday through Friday 8:30 a.m. – 8:00 p.m.

**Eastern Carolina Immigrants' Rights Project**  
**North Carolina Justice Center.....(919) 861-2071**  
P.O. Box 28068 224 S. Dawson St. Raleigh, NC 27611  
Free legal services to immigrants in eastern NC, with a focus on impact cases in the areas of workers' rights, consumer issues, housing, public benefits, & discrimination (no immigration law).

**Governor's Citizen Helpline.....1-800-662-7952**

**Legal Services of North Carolina.....(919) 856-2564**  
**224 S. Dawson Street, Raleigh, NC 27601**  
**Mental Disability Issues.....(919) 856-2121**  
**Fair Housing.....(919) 881-0707**  
**Justice Center.....(919) 856-2570**  
**Prison Issues.....(919) 856-2200**  
Free legal advice and assistance for low-income individuals.  
Monday through Friday, 8:30 a.m. - 5:00 p.m.

**NC Lawyer Referral Service.....800-662-7407**

**Women's Center.....(919) 829-3711**  
**128 E. Hargett St., Suite 10, Raleigh, NC 27601**  
Attorney Hotline: Monday and Thursday 4:00 p.m. - 5:30 p.m.  
Call main number and ask for Cathy Bumgardner

## MADE IN AMERICA SOURCES

Product	Manufacturer/Supplier	State
Windows	Amsco Windows	UT
J bolts/foundation	S.C. Prototypes	MT
J bolts/foundation/stock	Pacific Steel	UT
Gorilla Duct tape	The Gorilla Glue Co	OH
4" perforated pipe, radon	Northern Pipe Co.	ND
4" pvc fittings	GPK	ND
pvc glue	Oatey	OH
8d ring shank nails	True Spec	CA
16d sinkers	Griptite	WI
1/2" foundation nuts	CAT	IL
gun nails	Maze	IL
damp proofing	Mulseal/Tremco	OH
Rebar	Nucor	UT
Concrete	CMI	MT
Concrete Portland	Ash Grove	MT
Concrete aggregate	CMC. Beglade	MT
Concrete sand	CMC. Beglade	MT
Hangers, straps, H clips	Simpson Strong-Tie	CA
TJI's	I-Level Truss Joist	OR
2x4's and 2x6's	RY Lumber	MT
Plywood	Potlatch	ID
2x4's and 2x6's	F.H. Stoltze	MT
2x4's and 2x6's	Idaho Forest	ID
PL 400 sub floor adhesive	Loctite	CT
MiraTEC fascia	CMI Corp	PA
treated plate	McFarland Cascade	WA
T braces/framing	Appleton Supply	WI
sill seal	Reflectix	IN
powder actuated pins	TW Ramset/Redhead	IL
foam board	Dow	IL
Spray paint	Rustoleum	IL
Spray insulation	JM Corbond	MT, TX
	<a href="#">Bayer Spray Insulation</a>	TX
Screws	Por Pac	CO, CT
Wire joint	Thomas & Betts	TN
Spray paint	ACE	IL
paint	Sherwin Williams	OH
Window foam	Touch n Seal	MO
Caulking	White Lightning	OH
Plastic elect. Straps	Handy Straps	WI
meter base	Eaton/Cutler Hammer	PA
electric panel	Eaton/Cutler Hammer	PA
Breakers	Eaton/Cutler Hammer	PA
PVC pipe/fittings	Ridgeline Pipe	OR
2" Romex connectors	Bridgeport	CT
Boxes	Allied	OH
Wire-service, romex	Southwire	GA