

Green Jobs Training*

ONLINE COURSES

Minnesota Office of Energy Security
651-296-5175, toll free 1-800-657-3710
www.energy.mn.gov



Green Jobs Training

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**See Also: Green Jobs Training: WORKSHOPS & LIVE WEBINARS



Minnesota
STATE COLLEGES
& UNIVERSITIES

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Title: ADVANCED ENERGY DESIGN FOR K-12 SCHOOL BUILDINGS

Description: The U.S. Department of Energy is offering a no-cost, 2-hour, Web-based training course that helps building professionals implement the recommendations in the Advanced Energy Design Guide for K-12 School Buildings. Continuing Education Credits available for AIA Members.

Cost: Free

Website: www1.eere.energy.gov/buildings/energysmartschools/aedg_webinar.html

Title: GREEN BUILDER COLLEGE CERTIFICATION PROGRAM

Description: Green Builder College offers training, certification and continuing education on green building science in an online format to professionals in the housing sector. Level I takes approximately 40 hours to complete. Additional programs can be found on their web site.

Cost: \$700 (ask about discounts for groups and for the disabled)

Website: www.greenbuildercollege.com/

Title: RESNET RATER TRAINING

Description: The Residential Energy Services Network (RESNET®) sets standards for Home Energy Ratings (HERS ratings) of high performance buildings in the U.S. RESNET Training Providers offer both online and classroom seminars that Rater candidates may attend. To find an RESNET Training Provider, go to: <http://www.resnet.us/programs/training/directory.aspx>

For more information on how to become a certified rater see: <http://www.resnet.us/rater/certified/default.htm>

Cost: Varies by training provider

Website: www.resnet.us/

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CUSTOM TRAINING SERVICES

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CUSTOM TRAINING SERVICES

Organization **BUILDING KNOWLEDGE INC.**

Description: Building Knowledge Inc. (BKI) offers comprehensive seminar and workshop based training programs to help clients learn to build and sell better homes. BKI's programs range from a systems approach to building better homes to marketing and selling the key features and benefits of those homes once a company has achieved a high standard of building performance.

BKI customized training programs include:

[Comprehensive Building Science Training](#)

[Do You Want That in Green?](#)

[Marketing and Selling the Better Built Home](#)

[Moisture and Rain Management](#)

Website: <http://www.buildingknowledge.com/training/index.html>

Organization **ENERGY AND ENVIRONMENTAL BUILDERS ASSOCIATION (EEBA)**

Description: EEBA is a Minnesota-based organization that conducts customized training on the house-as-a-system and the re-engineering process for improved building performance.

Courses in the Houses That Work Series:

- [Houses That Work Curriculum Outline](#)
- [Intro to Houses That Work - Half Day](#)
- [HTW II - Indoor Air Quality](#)
- [HTW II - Insulation](#)
- [HTW II - Selling High Performance Homes - Full Day](#)
- [HTW II - Selling High Performance Homes - Half Day](#)
- [HTW II - Ventilation](#)
- [HTW II - Water Management](#)

Website: <http://www.eeba.org/>

Title: **COLD CLIMATE HOUSING PROGRAM (CCH)**

Organization: University of Minnesota, College of Food, Agricultural and Natural Resource Sciences, Extension Program

Description: The Cold Climate Housing Program (CCH) is part of the University of Minnesota's Extension and Outreach Program. The CCH is an information and education program that promotes the idea of the "house as a system." Customized Training can be arranged upon request.

Website: http://www.bbe.umn.edu/cold_climate.html

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POST-SECONDARY EDUCATION PROGRAMS with green focus

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POST-SECONDARY EDUCATION PROGRAMS with green focus

School	Offering	Award	Credit?
Bemidji State University	Biology with emphasis in Wildlife Management	Degree- BA, BS	y
Bemidji State University	Aquatic Biology	Degree-BS	y
Bemidji State University	Chemistry with emphasis in Environmental Chemistry	Degree-BS	y
Bemidji State University	Geography with emphasis in Regional, Park, Recreational and Land Use Planning	Degree-BS	y
Bemidji State University	Wilderness Management and Outdoor Recreation Planning	Degree-BAS	y
Bemidji State University	Natural Resources Continuing Education Consortium	CEU	n
Bemidji State University	Environmental Studies	Degree - BS	y
Bemidji State University	Environmental Studies	Degree - MS	y
Bemidji State University	Waste Management	Degree - BS	y
Bemidji State University	Waste Management	Degree - MS	y
Bemidji State University	Water and Wastewater Technologies	Degree - BS	y
Bemidji State University	Water and Wastewater Technologies	Degree - MS	y
Bemidji State University	Geohydrology	Degree - BS	y
Bemidji State University	Geohydrology	Degree - MS	y
Bemidji State University	Green Manufacturing	NS	y
Bemidji State University	Green Manufacturing	NS	n
Century College	Ecology	Transfer Credits	y
Century College	Renewable Energy Systems, are They Right For You?	Certificate of Completion	n
Century College	Solar Energy: Everything You Always Wanted To Know About Photovoltaics	Certificate of Completion	n
Century College	Solar Energy: Everything You Always Wanted To Know About Hot Water Systems	Certificate of Completion	n
Century College	Careers in Renewable Energy	Certificate of Completion	n
Century College	Horticulture	AS	y
Century College	Horticulture	AAS	y
Century College	Horticulture	Diploma	y

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School	Offering	Award	Credit?
Century College	Horticulture	Certificate	y
Fond du Lac Tribal & Community College	Clean Energy Technology	Certificate	y
Hibbing Community College	Schools Cutting Carbon Project	Certificate of Completion	n
Hibbing Community College	Solar Photovoltaic Installer	Certificate	y
Minneapolis Community and Technical College	Race to Save the Planet	Certificate	y
Mesabi Range Community & Technical College	Energy Technology Specialist - Wind	AAS	y
Minneapolis Community and Technical College	Environmental Science	NS	n
Minnesota State College - Southeast Technical	LEAN operations(waste reduction for manufacturing operations)	Certificate of Completion	n
Minnesota State University, Mankato	Environmental Sciences	Degree	y
Minnesota State University, Mankato	Environmental Ecology	Degree	y
Minnesota West Community & Technical College	Windsmith-Certificate	Certificate	y
Minnesota West Community & Technical College	Wind Energy Mechanic	Diploma	y
Minnesota West Community & Technical College	Wind Energy Technology	AAS	y
Minnesota West Community & Technical College	Renewable Energy Technology	AAS	y
Minnesota West Community & Technical College	Renewable Energy Base	Certificate	y
Minnesota West Community & Technical College	Forestry/Natural Resources	AS	y
Minnesota West Community & Technical College	Agriculture-Plant Science GIS/GPS	AS	y

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School	Offering	Award	Credit?
Minnesota West Community & Technical College	Agriculture Business	AS	y
Minnesota West Community & Technical College	Agriculture	AS	y
Minnesota West Community & Technical College	Essentials of Farm Business Management	Certificate	y
Minnesota West Community & Technical College	Environmental Sciences	AA	y
Northland Community & Technical College	Architectural Technology (LEED Certified)	AAS	y
Northwest Technical College	Forest Technology	Diploma	y
Northwest Technical College	Environmental Design Technology and Production	AAS	y
Northwest Technical College	Residential Energy Auditor	State of Minnesota Certification	n
Rainy River Community College	Green & Sustainable Construction Technology	Diploma	y
Rainy River Community College	Green & Sustainable Construction Technology	AAS	y
Riverland Community College	Wind Turbine Technician	Diploma	y
Rochester Community & Technical College	Environmental Science AS	AS	y
Saint Paul College	LEED Construction Processes	Certification	n
Saint Paul College	Solar and Photovoltaic Systems	Certification	n
Southwest Minnesota State University	Environmental Science (ENVS)	Degree	y
Southwest Minnesota State University	Agronomy	Degree	y
Southwest Minnesota State University	Culinology	Degree	y
Southwest Minnesota State University	Hospitality Management	Degree	y
Southwest Minnesota State University	Minnesota Agriculture and Rural Leadership (MARL) program	NS	n
Southwest Minnesota State University	SMSU's First Year Experience speaker series in 2008-2009 had sustainability as its theme	NS	n
St. Cloud Technical College	Water Environment Technologies	AAS	y
St. Cloud Technical College	Water Environment Technologies	Diploma	y

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University of Minnesota	Residential Building Science and Technology	BS	y
Vermillion Community College	Natural Resource Technology – Forestry / Wildlife	AAS	y
Vermillion Community College	Wildlife Ecology	Certificate	y
Vermillion Community College	Cut-To-Length System Operator	Certificate	y
Vermillion Community College	Professional Forest Harvester	Diploma	y
Vermillion Community College	Wilderness Management	AS	y
Vermillion Community College	Fisheries and Wildlife Management	AS	y
Vermillion Community College	Landscape Ecology	AS	y
Vermillion Community College	Water Operations	Diploma	y
Vermillion Community College	Water Quality Science	AS	y
Vermillion Community College	Sustainable Tourism	AAS	y
Vermillion Community College	Watershed Science	AS	y
Vermillion Community College	Wildland/Wildlife Law Enforcement	AAS	y
Winona State University	Energy Resource Advisor	Industry Certificate	n

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School	Offering	Award	Credit?
Alexandria Technical College	Automated Systems Integration	Certificate	y
Alexandria Technical College	Mechatronics	AAS	y
Alexandria Technical College	Construction Site Supervisor	Diploma	y
Alexandria Technical College	Distributed Electrical Generation Technician	AAS	y
Alexandria Technical College	Power Generator Specialist	Certificate	y
Alexandria Technical College	Manufacturing Reliability Technician	Diploma	n
Alexandria Technical College	Interior Design	AAS	y
Bemidji State University	Industrial Technology	Degree-BS	y
Bemidji State University	Technology Education, Teacher Licensure	Degree-BS	y
Bemidji State University	Design Technology	Degree-BS	y
Central Lakes College	Lean Manufacturing	Certificate of Completion	n
Central Lakes College	Welding	NS	y
Century College	Interior Design	AAS	y
Century College	Interior Design	Diploma	y
Century College	Interior Design	Certificate	y
Century College	Kitchen and Bath Design	Certificate	y
Century College	HVAC	Diploma	y
Century College	HVAC	AAS	y
Century College	HVAC	Certificate	y
Century College	Biology	Transfer Certificate	y
Century College	Facilities Systems Technology	Certificate	y
Century College	Facilities Systems Technology	Diploma	y
Century College	Facilities Systems Technology	AAS	y
Dakota County Technical College	Electrical Construction and Maintenance	AAS	y
Dakota County Technical College	Automotive Technology	AAS	y

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School	Offering	Award	Credit?
Dakota County Technical College	Interior Design	AAS	y
Dakota County Technical College	Interior Design	Diploma	y
Dakota County Technical College	Architectural Technology	AAS	y
Dakota County Technical College	Architectural Technology	Diploma	y
Dakota County Technical College	Landscape Horticulture	AAS	y
Dakota County Technical College	Landscape Horticulture	Diploma	y
Fond du Lac Tribal & Community College	Electric Utility Technology	AS	y
Hennepin Technical College	Building Operator Certification	Industry Certification	n
Hennepin Technical College	Architectural Drafting-AAS	AAS	y
Hennepin Technical College	Architectural Drafting-Diploma	Diploma	y
Hennepin Technical College	Auto Body Collision Technology	Diploma	y
Hennepin Technical College	Auto Body Collision Technology	AAS	y
Hennepin Technical College	Auto Body Collision Technology	Occupational Certificate	
Hennepin Technical College	Auto Body Collision Technology	Advanced Technical Certificate	
Hennepin Technical College	Automotive Mechanics Technology	Diploma	y
Hennepin Technical College	Automotive Mechanics Technology	AAS	y
Hennepin Technical College	Cabinetmaking	Diploma	y
Hennepin Technical College	Cabinetmaking	AAS	y
Hennepin Technical College	Carpentry	Diploma	y
Hennepin Technical College	Landscape Design and Construction	AAS	y
Hennepin Technical College	Landscape Design and Construction	Diploma	y
Hennepin Technical College	HVAC	AAS	y
Hennepin Technical College	HVAC	Diploma	y
Hibbing Community College	Electrical Maintenance and Construction	Diploma	y
Inver Hills Community College	Building Inspections	AS	y
Itasca Community College	Industrial Technology-Power Generation	AAS	y

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Mesabi Range Community & Technical College	Electrical and Industrial Automation Technology	Diploma	y
Mesabi Range Community & Technical College	Electrical and Industrial Automation Technology	AAS	y
Mesabi Range Community & Technical College	Industrial Mechanical Technology (Millwright)	Diploma	y
Mesabi Range Community & Technical College	Mobile Equipment Systems Technician (MEST)	Diploma	y
Mesabi Range Community & Technical College	Welding Program	Diploma	y
Mesabi Range Community & Technical College	Masonry	Certificate	y
Mesabi Range Community & Technical College	Carpentry	Diploma	y
Minneapolis Community and Technical College	Cabinetry	Certificate	y
Minneapolis Community and Technical College	Cabinetry	Diploma	y
Minneapolis Community and Technical College	Carpentry	Diploma	y
Minneapolis Community and Technical College	HVAC		y
Minneapolis Community and Technical College	Constructional Electricity		y
Minneapolis Community and Technical College	Welding		y
Minneapolis Community and Technical College	Manufacturing		y
Minnesota State University, Mankato	Civil Engineering	Degree	y

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School	Offering	Award	Credit?
Minnesota West Community & Technical College	HVAC/R	AAS	y
Minnesota West Community & Technical College	HVAC/R	Certificate	y
Minnesota West Community & Technical College	Powerline Technology	AAS	y
Minnesota West Community & Technical College	Powerline Technician	Diploma	y
Minnesota West Community & Technical College	Powerline	Diploma	y
Minnesota West Community & Technical College	Electrical Utility Substation Technology	AAS	y
Minnesota West Community & Technical College	Electrical Utility Substation Technician	Diploma	y
Minnesota West Community & Technical College	Electrician	Diploma	y
Northwest Technical College	Automotive Service Technician	AAS	y
Northwest Technical College	Automotive Service Technician	Diploma	y
Northwest Technical College	Carpentry	Diploma	y
Northwest Technical College	Construction Electricity	Diploma	y
Northwest Technical College	Construction Technology	Certificate	y
Northwest Technical College	High Performance Engine Machinist	AAS	y
Northwest Technical College	High Performance Engine Machinist	Diploma	y
Northwest Technical College	Residential Plumbing HVAC	Diploma	y
Riverland Community College	Carpentry Technology	Diploma	y
Riverland Community College	Industrial Maintenance and Mechanics	Diploma	y
Riverland Community College	Automotive Service Technology	AAS	y
Riverland Community College	Construction Electrician	Diploma	y
Saint Paul College	Carpentry	Diploma	y
Saint Paul College	Cabinet Making	Diploma	y

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School	Offering	Award	Credit?
Saint Paul College	Pipe Fitting Apprenteship Program	Diploma	y
Saint Paul College	Plumbing Apprenteship Program	Diploma	y
Saint Paul College	Floor Covering Apprenteship Program	Certificate	y
Saint Paul College	Iron Workers Apprenteship Program	Certificate	y
Saint Paul College	Construction Electricity	Diploma	y
Saint Paul College	Electronics Technology	Certificate	y
Saint Paul College	Automotive Technology	AAS	y
Saint Paul College	Automotive Technology	Diploma	y
Saint Paul College	Auto Body Technology	AAS	y
Saint Paul College	Auto Body Technology	Diploma	y
Saint Paul College	Land Surveying Technology	AAS	y
Saint Paul College	Energy Process Technology	AAS	y
Saint Paul College	Construction Supervisor	AAS	y
Saint Paul College	Engineering Technology	AAS	y
St. Cloud Technical College	Automotive Service Technology	NS	y
St. Cloud Technical College	Architectural Construction Technologies	NS	y
St. Cloud Technical College	Construction	NS	y
Vermillion Community College	Land Surveying	AS	y
Vermillion Community College	Land Surveying	Certificate	y
Vermillion Community College	Backcountry Guide	Certificate	y
Vermillion Community College	Outdoor Leadership	AS	y
Vermillion Community College	Parks and Recreation	AAS	y
Vermillion Community College	Outdoor Leadership	Certificate	y
Winona State University	Biology - Environmental Science Option	Degree	y
Winona State University	Chemistry – Environmental Science Option	Degree	y
Winona State University	Geo Science – Environmental Science Option	Degree	y
Winona State University	Global Studies – Global Environment Option	Degree	y