

EDUCATION & TRAINING

Universities • Research • Career Training • Skills

WINDPOWER 2014 TO FEATURE DEPARTMENT OF ENERGY'S COLLEGIATE WIND COMPETITION



Courtesy of the Virginia Center for Wind Energy

James Madison University student Greg Miller demonstrates how the blades of a wind turbine work as part of the U.S. Department of Energy's Wind for Schools project. Students from James Madison University and nine other colleges and universities will compete in the inaugural DOE Collegiate Wind Competition at WINDPOWER 2014, to be held May 5–8 in Las Vegas.

The United States is among the world's largest and fastest growing wind energy markets. In fact, wind energy is now the number one source of new U.S. electricity generation capacity—representing 43 percent of all new electric additions in 2012 and accounting for \$25 billion in U.S. investment.

To help the nation's future scientists, engineers, and entrepreneurs continue to advance the

wind industry, the Energy Department (DOE) established the first ever DOE Collegiate Wind Competition. The competition will be held May 5–7 alongside the American Wind Energy Association's WINDPOWER 2014 Conference & Exhibition at Mandalay Bay Convention Center in Las Vegas.

The competition, which aims to cultivate wind-specific interests

and skills among the next generation of industry leaders, will feature 10 teams of students who will design and construct lightweight, portable wind turbines intended to power small electronic devices. During the competition event, teams will present to a diverse panel of experts on current market drivers and deployment opportunities for the wind industry, pitch their business plans to

industry leaders, and put their turbines to the test in an on-site wind tunnel.

“Wind energy is one of the fastest-growing electricity sources in the United States. The Collegiate Wind Competition is designed to

“We’re excited to partner with DOE to host this exciting event. Bringing the Collegiate Wind Competition to WINDPOWER will provide unparalleled opportunities for students to interact with leaders in wind energy and

to enter this inaugural competition:

- Boise State University
- California Maritime Academy
- Colorado School of Mines
- James Madison University (Virginia)
- Kansas State University
- Northern Arizona University
- Pennsylvania State University
- University of Alaska Fairbanks
- University of Kansas
- University of Massachusetts Lowell

“We’re excited to partner with DOE to host this exciting event.”

expose students to the multi-disciplinary nature of the wind industry and give them an opportunity to engage with industry leaders,” said Jose Zayas, Director of DOE’s Wind and Water Power Technologies Office.

give our industry a chance to meet and engage with some of the nation’s best and brightest young people,” said Tom Kiernan, CEO of AWEA.

The following 10 schools successfully competed for selection

Visit the DOE Collegiate Wind Competition website for more information. Sponsorship opportunities for the inaugural Collegiate Wind Competition are available. ↗

— Source: U.S. Department of Energy

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WIND EDUCATIONAL INSTITUTIONS IN THE U.S.

Alphabetized by state

Coconino Community College

Arizona
Community College
Associate's
www.coconino.edu
(800) 350-7122

Redstone College

Colorado
Career
Associate's
www.redstone.edu
(877) 801-1025

Vatterott College

Iowa
Community College
Certificate
www.vatterott.edu
(888) 202-2636

Danville Area Community College

Illinois
Community College
Associate's
www.dacc.edu
(217) 443-3222

Airstreams Renewables Inc.

California
Career
Certificate
www.air-streams.com
(661) 822-3963

Des Moines Area Community College

Iowa
Community College
Associate's
windenergy.dmacc.edu
(877) 863-6222

Western Iowa Tech Community College

Iowa
Community College
Associate's
www.witcc.edu
(800) 352-4649

Heartland Community College

Illinois
Community College
Associate's
www.heartland.edu
(309) 268-8860

Northeastern Junior College

Colorado
Community College
Associate's
www.njc.edu
(800) 626-4637

Iowa Lakes Community College

Iowa
Community College
Diploma; Associate's
www.iowalakes.edu
(800) 521-5054

Iowa State University

Iowa
University
Ph.D.; Undergrad minor; Research
www.engineering.iastate.edu
(515) 294-5933

Highland Community College

Illinois
Community College
Certificate; Associate's
www.highland.edu
(815) 235-6121

Ecotech Institute

Colorado
Career
Associate's
www.ecotechinstitute.com
(877) 326-5576

Northeast Iowa Community College

Iowa
Community College
Diploma; Associate's
www.nicc.edu
(800) 728-2256

College of Southern Idaho

Idaho
Community College
Certificate; Associate's
agriculture.csi.edu/wind
(208) 732-6403

Illinois Valley Community College

Illinois
Community College
Certificate (Basic, Advanced)
www.ivcc.edu
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- Self and Assisted Rescues
- Confined Space/Rescues
- Medic First Aid/CPR/AED
- OSHA 30 Hour
- AAA Driver Improvement
- Respirator/Pulmonary Test
- Turbine Maintenance
- Electrical Safety/Fundamentals
- Electrical Schematics
- NFPA 70E Arc Flash Protection
- Programmable Logic Controllers
- Component Troubleshooting
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(815) 288-5511

Ivy Tech Community College
Indiana
Community College
Certificate; Associate's
www.ivytech.edu
(888) 489-5463

Cloud County Community College
Kansas
Community College
Certificate; Associate's
www.cloud.edu
(800) 729-5101

**University of Massachusetts-
Amherst/Wind Energy Center**
Massachusetts
University
MS; Research
www.umass.edu/windenergy
(413) 545-4359

Delta College
Michigan
Community College
Associate's
www.delta.edu
(989) 686-9000

**Kalamazoo Valley
Community College**
Michigan
Community College
Certificate
grovescenter.kvcc.edu
(269) 353-1253

**Minnesota West Community
and Technical College**
Minnesota
Community College
Associate's
www.mnwest.edu
(800) 658-2330

Riverland Community College
Minnesota
Community College
Diploma
www.riverland.edu
(800) 247-5039

Crowder College
Missouri
Community College
Certificate; Associate's
www.crowder.edu
(417) 451-3223

Pinnacle Career Institute
Missouri
Career
Short course; Certificate;
Associate's (Online)
www.pctraining.edu
(877) 241-3097

Appalachian State University
North Carolina
University
MS; Undergrad minor
wind.appstate.edu
(828) 262-7333

Bismarck State College
North Dakota
Community College
Certificate; Associate's
energy.bismarckstate.edu
(800) 852-5685

Lake Region State College
North Dakota
Community College
Certificate; Associate's
www.lrsc.edu
(701) 662-1519

Northeast Community College
Nebraska
Community College
Diploma; Associate's
www.northeast.edu
(800) 348-9033

**Western Nebraska Community
College**
Nebraska
Community College
Certificate
www.wncc.net
(308) 254-5450

Clovis Community College
New Mexico
Community College
Certificate; Associate's
www.clovis.edu
(575) 769-4904

Mesalands Community College
New Mexico
Community College
Certificate; Associate's
www.mesalands.edu
(575) 461-4413

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New York
Community College
Associate's
www.clinton.edu
(518) 562-4200

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Community College
Certificate
www.hvcc.edu
(877) 325-4822

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Ohio
Community College
Certificate; Associate's
www.lorainccc.edu
(800) 995-5222

Canadian Valley Technology Center
Oklahoma
Career
Certificate
www.cvtech.edu
(405) 262-2629

High Plains Technology Center
Oklahoma
Career
Certificate
www.hptc.edu
(580) 571-6167

**Oklahoma State University-
Oklahoma City**
Oklahoma
University
Certificate; Associate's
www.osuokc.edu/wind
(800) 560-4099

**Columbia Gorge
Community College**
Oregon
Community College
Certificate; Associate's
www.cgcc.cc.or.us
(541) 506-6011

Penn State
Pennsylvania
University
MPS (Online)
www.wind.psu.edu
(814) 865-2569

Mitchell Technical Institute
South Dakota
Community College
Associate's
www.mitchelltech.edu
(800) 684-1969

Amarillo College
Texas
Community College
Certificate (Basic,
Advanced); Associate's
www.actx.edu/wind
(806) 371-5000

Clarendon College
Texas
Community College
Certificate (Level I,
Level II); Associate's
www.clarendoncollege.edu
(800) 687-9737

South Plains College
Texas
Community College
Associate's
www.southplainscollege.edu
(806) 894-9611

**Texas State Technical College
Harlingen**
Texas
Community College
Certificate (I, II); Associate's
www.tstc.edu/harlingenwindtech
(800) 852-8784

**Texas State Technical College
West Texas**
Texas
Community College
Certificate (I, II); Associate's
www.tstc.edu/westtexaswt
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National Wind Institute**
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University
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www.depts.ttu.edu/nwi
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Community College
Certificate
www.dscc.edu
(540) 863-2800

Walla Walla Community College
Washington
Community College
Associate's
www.wbcc.edu
(509) 522-2500

Lakeshore Technical College
Wisconsin
Community College
Associate's
www.gotoltc.edu
(888) 468-6582

Madison Area Technical College
Wisconsin
Community College
Certificate
madisoncollege.edu
(800) 322-6282

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Technical College**
Wisconsin
Community College
Associate's
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(800) 422-6982

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Certificate; Associate's
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Certificate; Associate's
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