



In this issue of NC-NET News, we highlight resources ranging from bite-sized chunks of teaching materials to interactive tools and full curriculum. Happy browsing!

Curriculum Resources

[WindTechTV](#) is an NSF-ATE project leveraging academic and industry partnerships to develop web-based videos for wind turbine technician training. Each module is developed with input from college faculty and wind industry advisors.

The Center for Advanced Automotive Technology at Macomb Community College houses course resources developed to meet the needs of the growing vehicle electrification field. Much of the CAAT's [Resource Library](#) originated from courses that are part of an automotive, engineering, or specific electric/hybrid electric vehicle curriculum at regional community colleges and universities.

[SkillsCommons.org](#) is a repository that will house the instructional and program support materials developed by the U.S. Dept. of Labor's Trade Adjustment Assistance Community College and Career Training (TAACCCT) grantees. Designed and managed by California State University and its MERLOT program, the repository will capture and preserve materials produced by TAACCCT grantees across the country to deliver innovative workforce development programs. Browse by material type to see current uploads and keep an eye on this evolving OER collection.

The [Problem-based Learning Projects](#) of the New England Board of Higher Ed are a series of STEM curriculum and professional development projects funded by NSF-ATE. In partnership with industry, the project has developed real world multi-media case studies called Challenges, featuring content from optics and photonics, sustainable technologies, and advanced manufacturing.

North Carolina in the News

Today, 40 percent of North Carolina wage earners have received education or training at an NC community college during the last 10 years. The accumulated contribution of former students totaled \$19.6 billion in added state income, which is equivalent to creating more than 322,000 new

jobs. These findings and more are highlighted in an economic impact [study](#) released February 18, *Demonstrating the Collective Economic Value of North Carolina Community Colleges*.

Congrats to Fayetteville Technical Community College on the February 4th grand opening of their Collision Repair and Refinishing [Technology Center](#).

Teaching and Learning Resources

The faculty support team at Asheville-Buncombe Technical Community College publishes a monthly [blog](#) on topics for faculty from all disciplines.

The U of Illinois Springfield offers collaborative learning [activities](#) to try in your classroom.

Faculty Focus [newsletter](#) is a free e-pub providing topically sorted articles on a broad range of issues from asynchronous learning trends to effective classroom management.

Technology Resources

Cape Fear Community College's [Online Learning](#) website offers a collection of course design and development resources to aide instructors in creating effective online learning experiences.

The North Carolina Community College Association of Distance Learning (NC³ADL) offers [resources](#) from its 2014 workshops and invites colleagues across the state to [register](#) for its 2015 regional workshops: March 20 at Guilford Tech's Cameron Campus; March 24 at Central Piedmont Community College; and April 1 at Nash Community College.

Have you missed the recently added collections to the [NCLOR](#)? The National Repository of Online Courses (NROC) hosted an informational [webinar](#) in late fall to highlight the vast collections of digital content available to NCCCS faculty from the NROC Project through the NCLOR.

Lee Raine of the Pew Research Center recently [presented](#) *Knowledge Sharing in the Networked World of the Internet of Things*.

The Community College Consortium for Open Educational Resources offers a [collection](#) of open textbooks, open courseware, and other OER.