

(Re)Using Free Online Educational Resources on the SkillsCommons.org Repository: Part I – Introduction

U.S. Department of Labor Employment & Training Administration

November 3, 2016







DE ADJUSTMENT ASSISTANCE COMMUNITY COLLEGE AND CAREER TRAINING GRANT PROGRAM

Participant Poll

Which best describes your organizational affiliation?

- Community or technical college
- Other educational institution
- Local workforce development entity
- Other non-profit workforce training entity
- For-profit workforce training entity
- Other (please enter in chat box)







Participant Poll

Which best describes your relationship to TAACCCT Grants?

- I work(ed) on a TAACCCT grant
- Others at my organization have/had TAACCCT grant(s)
- We don't have a TAACCCT grant
- What is TAACCCT?







TRADE ADJUSTMENT ASSISTANCE COMMUNITY COLLEGE AND CAREER TRAINING GRANT PROGRAM

Participant Poll

Are you an Eligible Training Provider under WIOA in one or more states?

- ☐ Yes
- ☐ I don't know

Which best describes your experience with OER

- ☐ I have used OER
- ☐ I would like to learn how to use OER
- What is OER?





Presenters

Cheryl Martin, Moderator

Program Manager, TAACCCT Grants

Rick Lumadue & Gerry Hanley, Presenters

SkillsCommons (California State University-MERLOT)

Maria Fieth, Presenter

 Project Manager, "Consortium for Healthcare Online" (CHEO) Round 2 Grant Project

Kathy Spada, Presenter

 Project Manager, "Intentional Networks Transforming Effective and Rigorous Facilitation of Assessment, Collaboration, and Education" (INTERFACE) Round 3 Grant Project

Sarah Stubblefield, Presenter

 Project Manager, "Industrial Automation Manufacturing innovative Strategic Training Achieving Results" (I AM iStar) Round 4 Grant Project





SkillsCommons.org

Rick Lumadue

Program Manager and Grantee Relations, SkillsCommons.org

Gerry Hanley, Ph.D.

- Director, SkillsCommons.org and PI for TAACCCT repository cooperative agreement
- Assistant Vice Chancellor, Academic Technology Services,
 California State University, Office of the Chancellor
- Executive Director, MERLOT
- Director, Center for Usability in Design and Accessibility at California State University, Long Beach





Trade Adjustment Assistance Community College and Career Training (TAACCCT)

TAACCCT is an investment of

\$1.9 BILLION AWARDED OVER 4 YEARS

impacting 62% of the nation's community colleges.



Design innovative and effective programs that address specific industry needs and lead to improved learning, completion and career outcomes for TAA-eligible workers and other adults.

SKILLS COMM

open for learning

Agenda

- What is OER and why should I care?
- Demonstrate the ease of finding OER in SkillsCommons to reuse
- Showcases of OER reuse
- Get connected with people, technologies, and resources that you can leverage and help your project achieve its goals
 - SkillsCommons CONNECT Center
 - SkillsCommons Makeover Strategy
 - SkillsCommons IMPACTCommunities
 - Additional OER Resources





What is OER and Why Should I Care?

Open Educational Resources (OER)

SkillsCommons is the world's largest OER project featuring job-driven workforce development materials!

Anyone can freely:

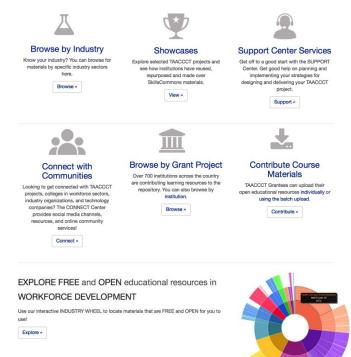
- Reuse
- Revise
- Retain
- Redistribute
- Remix





SkillsCommons: TAACCCT Library of Free OER











TRADE ADJUSTMENT ASSISTANCE COMMUNITY COLLEGE AND CAREER TRAINING GRANT PROGRAM

Participant Poll

Have you used the free online educational resources on skillscommons.org?

Yes

No





Implications of CC-BY License

"The purpose of the CC BY licensing requirement is to ensure that materials developed with funds provided by these grants result in work that can be *freely reused and improved by others*."







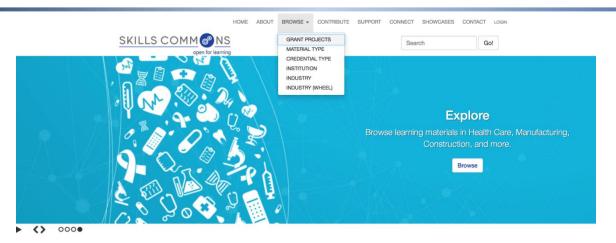
SkillsCommons Goals

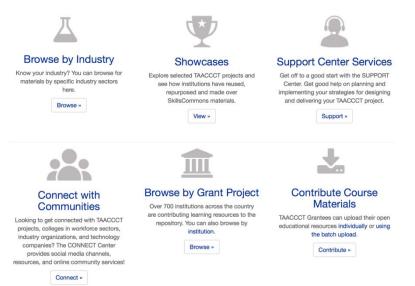
- Capture and preserve the products of TAACCCT grantees
- Enable the discovery and reuse of the products of TAACCCT grantees
- Develop and support communities within workforce development to advance the goals of TAACCCT and SkillsCommons
- Develop and support sustainability strategies for TAACCCT so it can deliver the many "returns on investments"





Find & Review SkillsCommons OER











Participant Poll

Which best describes the Industry Sector of your workforce development program or your area of interest?

- Manufacturing
- Healthcare
- **Information Technology**
- **Energy**
- **Transportation**
- Other (please enter in chat box

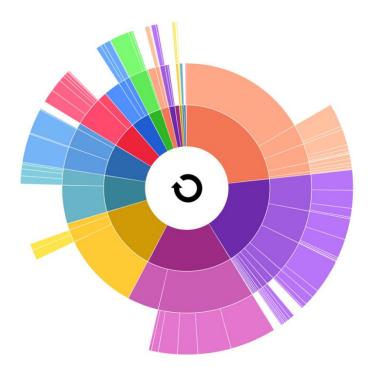






Explore SkillsCommons By Industry

- . Click on a section of the wheel to get an expanded presentation of that specific industry.
- . Click on the name in the pop-up box to get a list of the materials for that industry.
- · An accessible version is also available.





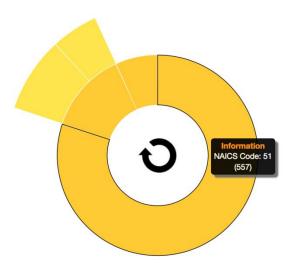




Home > Browse by Industry

Explore SkillsCommons By Industry

- · Click on a section of the wheel to get an expanded presentation of that specific industry.
- Click on the name in the pop-up box to get a list of the materials for that industry.
- · An accessible version is also available.













- [325] Chemical Manufacturing (11)
- [311] Food Manufacturing (10)
- [337] Furniture and Related Product Manufacturing (10)
- [326] Plastics and Rubber Products Manufacturing (28)
 - [326] Plastics and Rubber Products Manufacturing (10)
 - [3262] Rubber Product Manufacturing (10)
 - [3261] Plastics Product Manufacturing (8)
- [335] Electrical Equipment, Appliance, and Component Manufacturing (9)
- [324] Petroleum and Coal Products Manufacturing (15)
 - [324] Petroleum and Coal Products Manufacturing (6)
 - [3241] Petroleum and Coal Products Manufacturing (9)
- o [321] Wood Product Manufacturing (4)
- [49] Wholesale Trade (65)
 - [493] Warehousing and Storage (35)
 - = [493] Warehousing and Storage (10)
 - [4931] Warehousing and Storage (25)
 - o [441] Motor Vehicle and Parts Dealers (19)

 - o [484] Truck Transportation (11)
- [51] Information (695)
 - o [51] Information (557)
 - [519] Other Information Services (91)
 - = [519] Other Information Services (35)
 - [5191] Other Information Services (56)
 - [518] Data Processing, Hosting, and Related Services (47)
- [52] Finance and Insurance (20)
- [54] Professional, Scientific, and Technical Services (914)
 - [54] Professional, Scientific, and Technical Services (226)
 - o [541] Professional, Scientific, and Technical Services (688)
 - [541] Professional, Scientific, and Technical Services (248)
 - [5415] Computer Systems Design and Related Services (177)

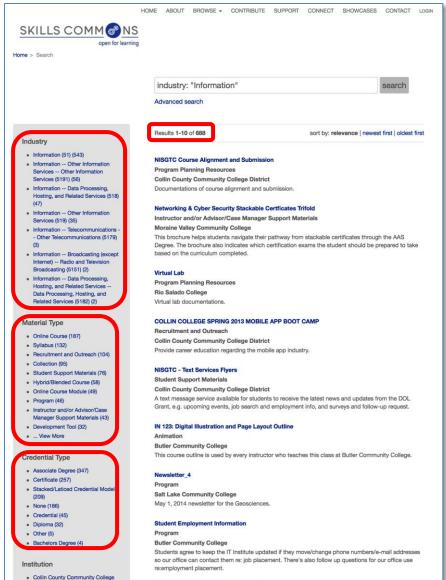
 - [5417] Scientific Research and Development Services (109)
 - [5419] Other Professional, Scientific, and Technical Services (102)
 - [5413] Architectural, Engineering, and Related Services (37)

 - [5416] Management, Scientific, and Technical Consulting Services (15)
- [55] Management of Companies and Enterprises (47)
- [56] Administrative and Support and Waste Management and Remediation Services
 - [562] Waste Management and Remediation Services (21)
- [61] Educational Services (275)
 - o [61] Educational Services (67)
 - o [611] Educational Services (208)
 - [611] Educational Services (16)
 - [6113] Colleges, Universities, and Professional Schools (72)
 - [6112] Junior Colleges (65)
 - [6115] Technical and Trade Schools (30)
 - [6114] Business Schools and Computer and Management Training (15)
 - [6117] Educational Support Services (5)
 - [6111] Elementary and Secondary Schools (5)





Refine Search Results



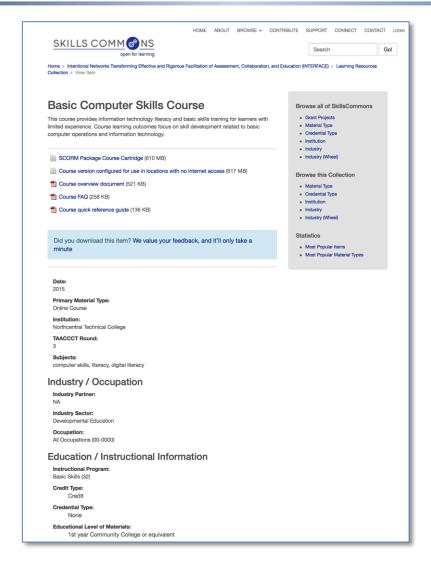




District (64)

Photo and Video Release Consent Form

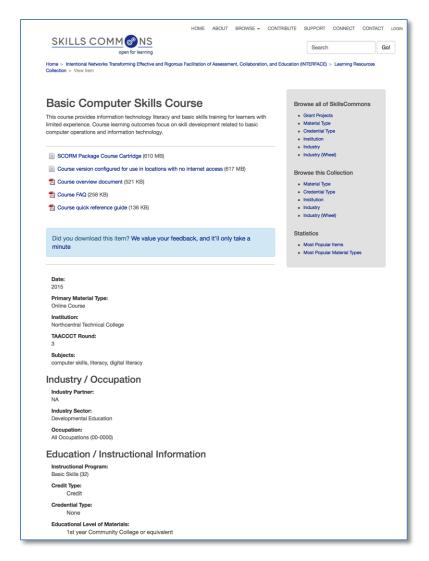
Description of Content







Download Content







Types of OER Reuse



HOME ABOUT BROWSE CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

Revise & Reuse Open Educational Resources

Home > Revise & Reuse Open Educational Resources

Support Center Home

The CC BY Creative Commons license on SkillsCommons materials provides opportunities for other grantees, other institutions and other users to revise and reuse the materials in a variety of ways to create "derivative works" that could better serve the needs of different learners in different contexts with different technologies.

Guides and Use Cases for Reuse

FORMS OF REUSE AND DERIVATIVE WORKS: UNDERSTANDING THE POWER OF THE CC BY LICENSE [W] 📆 🛂 Listen

This user guide provides a wide range of illustrations of reuse and derivative works that can help you realize the reusable value of your materials.

USE CASE FOR A CAMPUS PROGRAM MANAGER REUSING MATERIALS IN SkillsCommons | The last commons | The last commo

This user guide provides you a story ("use case") about how a community college program manager needs to create a workforce development certificate in foundational math skills for a local construction company and the use of materials in SkillsCommons.org to achieve their goals quickly and inexpensively.

GUIDE FOR ATTRIBUTION OF CC-BY LICENSED MATERIAL FOR DERIVATIVE WORKS W 📆 🔁 Listen

This guide provides you with a template and examples for proper attribution of CC-BY licensed material that is a derivative of another's material.

 OPEN Attribution Builder is a free online Attribution Builder available from Washington State Board for Community and Technical Colleges (SBCTC). SBCTC built this Attribution Builder as part of their involvement with Creative Commons in providing support for TAACCCT grantees.

What is Reuse?

Definition

Reuse "as is" = no modifications were made to the original material(s)

Example:

Northwest State Community College in Ohio is reusing this course "as is" for students struggling with basic computer literacy. The Ohio Workforce Investment Board (WIB) is also using this course "as is" to assist people who are looking for employment, but lack basic computer skills. No changes or modifications have been made to this course.

Original Material: Basic Computer Skills Course

Reused Material: Basic Computer Skills MOOC

Reuse Showcase:

Looking for more examples of Reuse? Check out the Reuse Showcase!

Basic Computer Skills MOOC Basic Computer Skills MOOC 1. Use Computing Devices

What is Derivative Reuse?

Definition

Derivative Reuse = Edits to the content, including branding, scope, and sequence, have







OER Reuse Showcases



ABOUT

BROWSE + CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

Showcases

Home > Showcases



Grant Project Showcase

Explore selected TAACCCT grant projects by Industry that have significant contributions in SkillsCommons.



Reuse Showcase

Explore a showcase of TAACCCT material that has been reused by other TAACCCT grantees and others.



Explore a showcase of TAACCCT material that has been made over by other TAAC-CCT grantees and others.



Open CourseWare Showcase

Explore selected Collections of Open CourseWare Showcases submitted by TAACCCT grantees.



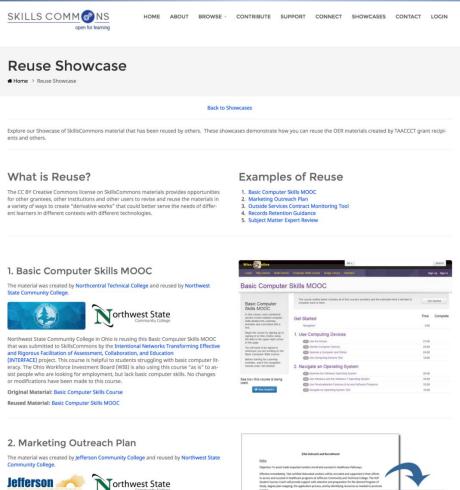
Project Outcomes Showcase

Explore the outcomes produced by the TAACCCT grant projects and review the final program reports summarizing the workforce development benefits of the TAACCCT grant projects.





OER Reuse Showcases



The OER reused was a program management resource from Health Professions Pathways Consortium (H2P) a Round 1 Grant. The IAM iStar project was able to save time and money by using this material as part of their grant management strategy.









SHOWCASE OF OER REUSE

Experience of TAACCCT Grantee's Reuse of existing OER





Showcase of OER Reuse

Maria Fieth

Project Manager, "Consortium for Healthcare Online"
 (CHEO) Round 2 Grant Project





CHEO Grant Project



Showcase of OER "Derivative" Reuse "OpenStax College OER Anatomy & Physiology Textbook.pdf"



The U.S. Department of Labor's <u>Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant program</u> has created an online library called <u>SkillsCommons</u> containing free and open learning materials and program support materials for job-driven workforce development. The Open Educational Resources (OER) are produced by community colleges across the nation and can be found, reused, revised, retained and redistributed by individuals, institutions, and industry.

SkillsCommons.org is designed and managed by the California State University and its MERLOT program for the U.S. Department of Labor's TAACCCT grant program under a four-year cooperative agreement. If you are interested in the materials, the CSU-MERLOT dedicated team of librarians, educators, and developers are here to assist not only TAACCCT Grantees, but anyone who is using and reusing OER.

Here is an example of how students taking a Basic Human Biology Course were able to **save \$200-\$300** on a textbook because a TAACCCT Grantee reused an OpenStax Textbook:



Project Name: "Consortium of Healthcare Education Online (CHEO)" (Round 2): https://www.skillscommons.org/handle/taaccct/43

Lead Institution: Pueblo Community College

Project Director: Maria Fieth, Pueblo Community College

email: mariafieth@gmail.com



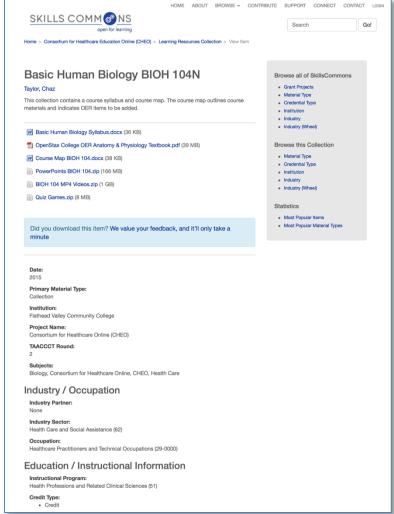
Project Goals: To develop or transition identified allied healthcare courses and programs into hybrid and/or online formats.

Strategy to Achieve Goals: Some of the programs will be new and others currently provided in the face-to-face format only, will offer students the opportunity to acquire stackable certificates, allowing them to make progress in their profession as working adults while pursuing academic credentials. CHEO partners will develop new lab exercises using the North American Network of Science Labs





Description of Content









SHOWCASE OF OER REUSE

Experience of TAACCCT Grantee's OER for Reuse Hosted on SkillsCommons





Showcase of OER Reuse

Kathy Spada

 Project Manager, "Intentional Networks Transforming Effective and Rigorous Facilitation of Assessment, Collaboration, and Education" (INTERFACE) Round 3 Grant Project





INTERFACE Grant Project



open for learning

Showcase for OER Reuse: "Basic Computer Skills Course (BITS)"



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Here is an example developed by a TAACCCT Grantee for reuse:



Project Name: "Intentional Networks Transforming Effective and Rigorous Facilitation of Assessment, Collaboration, and Education (INTERFACE) (Round 3) https://www.skillscommons.org/handle/taaccct/246

Lead Institution: Northcentral Technical College District (NTC)

Project Director: Kathy Spada, Northcentral Technical College District (NTC)
Ph: 715-803-1747; email: Spada@ntc.edu



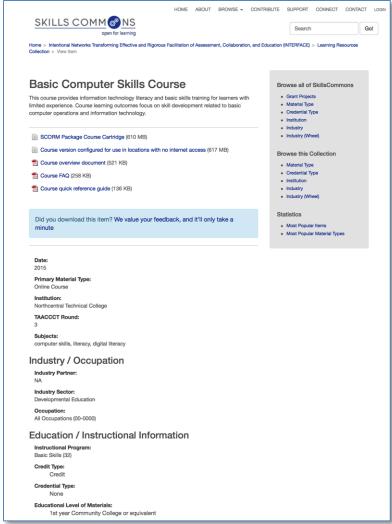
Project Goals: To develop, improve, and expand adult educational training pathways to careers in information technology-related occupations.

Strategy to Achieve Goals: A statewide set of core competencies was developed for the computer literacy course. The competencies were established during a stakeholder meeting in April 2014. In addition to the 16 WTCS college representatives, WTCS system administrators, INTERFACE project administration, and workforce partners were also present at the competency planning meeting and contributed to the development of course competencies. The meeting was facilitated by a representative of the Worldwide Instructional Design System (WIDS). In total, the meeting resulted in the establishment of 11 core competencies for the basic computer skills for college success course.





Description of Content









SHOWCASE OF OER REUSE

Experience of TAACCCT Grantee's Reuseof OER Hosted on SkillsCommons





Showcase of OER Reuse

Sarah Stubblefield

 Project Manager, "Industrial Automation Manufacturing Innovative Strategic Training Achieving Results" (I AM iStar) Round 4 Grant Project





IAM iSTAR Grant Project



Showcase of OER "Derivative" Reuse: "Records Retention Guidance"



The U.S. Department of Labor's <u>Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant program</u> has created an online library called <u>SkillsCommons</u> containing free and open learning materials and program support materials for job-driven workforce development. The Open Educational Resources (OER) are produced by community colleges across the nation and can be found, reused, revised, retained and redistributed by individuals, institutions, and industry.

SkillsCommons.org is designed and managed by the California State University and its MERLOT program for the U.S. Department of Labor's TAACCCT grant program under a four-year cooperative agreement. If you are interested in the materials, the CSU-MERLOT dedicated team of librarians, educators, and developers are here to assist not only TAACCCT Grantees, but anyone who is using and reusing OER.

Here is an example of OER reuse by a TAACCCT Grantee:



Project Name: Industrial Automation Manufacturing innovative Strategic Training Achieving Results (I AM <u>iStar</u>) (Round 4) https://www.skillscommons.org/handle/taaccct/1442

Lead Institution: Northwest State Community College

Project Director: Sarah Stubblefield, Northwest State Community College
Ph: 419-267-1512; email: sestubblefield@northweststate.edu



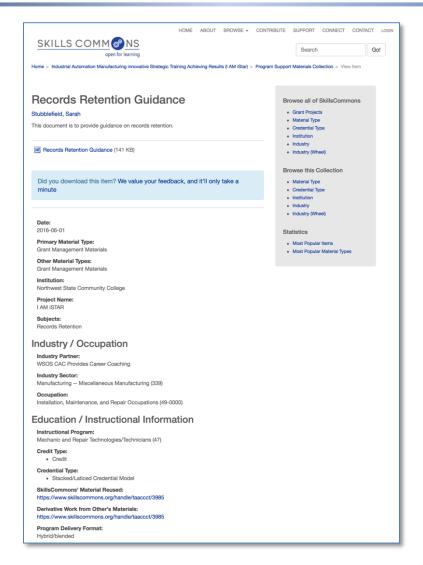
Project Goals: To develop a program focused on industrial automation training and designed based on the needs of local employers. The program will offer industry recognized certificates and associate degrees that lead to high-wage, high-skill employment.

Strategy to Achieve Goals: A process for evaluating Prior Learning and a hybrid instructional delivery model will be developed focused on Advanced Manufacturing programs shortening the time to





Description of Content







TRADE ADJUSTMENT ASSISTANCE COMMUNITY COLLEGE AND CAREER TRAINING GRANT PROGRAM

Upcoming Webinar: Utilizing Free Online Educational Resources on the SkillsCommons.org Repository: Part 2 – **Makeover**

When: Thursday, November 17, 2016

Time: 3:00 - 4:00 pm ET





TRADE ADJUSTMENT ASSISTANCE COMMUNITY COLLEGE AND CAREER TRAINING GRANT PROGRAM

Participant Poll

What type of OER resources are you interested in reusing?

- **☐** Hybrid/Blended Course
- Simulation
- Presentation
- ☐ Video
- Program Administration Material
- ☐ Textbook
- **☐** Learning Activities
- **☐** Other (please enter in chat box)





SkillsCommons CONNECT Center



HOME ABOUT BROWSE + CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

Connect with Communities

Home > Connect with Communities

Find - Communicate - Contribute - Improve



TAACCCT Services

Connect



Upcoming Conferences



IMPACTcommunities

Connect



Social Media

Connect



Industry

Connect



Technology Partners

Connect



Grant Projects



Community & Technical Colleges





SkillsCommons IMPACTCommunities

SkillsCommons IMPACT communities

★ Home → SkillsCommons IMPACTcommunities

Back to Connect Center

What Are IMPACT communities?

IMPACTcommunities are comprised of TAACCCT grantees, community colleges, industry sectors, professional organizations, national/state/local workforce development programs, and others interested in leading and participating in essential and sustainable initiatives that advance workforce development programs. IMPACTcommunities evolve as collaborative problem solving processes to common challenges found in higher education today.

Our goal for the IMPACTcommunities is to enable affordable innovations in workforce education and workforce development programs to be easily and widely adopted and adapted by teachers, learners, industries, and professional organizations. This focus is designed to help scale the benefits of the US Department of Labor's TAACCCT investment in workforce development programs at community colleges across America.

SkillsCommons is leading these efforts as part of its sustainability strategy for TAACCCT and will be leveraging the extensive experience and technology infrastructure of MERLOT as part of our strategy.

Learn more about our SkillsCommons Sustainability Strategy. (PPT)

Be a Part of the StoryTelling Network



Purpose: To use storytelling as a way to share solutions to the challenges of workforce development in higher education. This community will span all industry sectors and may include broad scale discussions of student engagement in learning, successful completion of skills development programs, job placement, building partnerships and pathways, and others.

Join our online community forums for the StoryTelling Network at our MERLOT Voices website. MERLOT Voices is a collection of over 100 online communities forums led by a wide range of individuals and groups. We have monthly conference calls to keep our project moving forward and you can review our activities and progress at the Story Telling Community website within MERLOT Voices.

Join Us!

- 1. Sign up as a member of MERLOT Voices website (it is FREE and Easy).
- 2. You'll receive an email asking you to confirm your registration within MERLOT Voices.
- 3. Join the specific StoryTelling Network Community Conversation
- Explore the discussion forums and resources and PARTICIPATE!

Be a Part of the Industry Expert to Expert Teacher (IE2ET) Network



Purpose: To support workforce development programs across all industry sectors preparing industry experts to become excellent teachers. This community will focus specifically on building an open access library of videos, tools, and resources for exemplary teaching practices that individuals and community colleges can easily and freely adopt and adapt to produce successful transitions of industry experts into expert teachers.

Join our online community forums for the IEZET at our MERLOT Voices website. MERLOT Voices is a collection of over 100 online communities forums led by a wide range of individuals and groups. We have biweekly conference calls to keep our project moving forward, and you can review our activities and progress at the IEZET Community website within MERLOT Voices.

Join Us!

1 Sign up as a member of MEDI OT Voices website (it is EDEE and Easy)





SkillsCommons "Makeover" Strategy



HOME ABOUT BROWSE + CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

Technology Partnerships

Home > Technology Partnerships

Back to Connect Center

SkillsCommons facilitates partnerships between technology companies and TAACCCT grantees to help TAACCCT grantees achieve their goal of designing and delivering technology enhanced curriculum that accelerates and improves the development of job-driven workforce development skills.



Connect with TAACCCT Grantees?



Partner with SkillsCommons?

Learn More



Connect with Tech Companies?

SkillsCommons Makeover Strategy

There are a number of opportunities for collaborations, partnerships, and business relationships that can be mutually beneficial for the TAACCCT program, the grantees, SkillsCommons,

SkillsCommons has implemented a "Makeover Strategy" to demonstrate how the open educational resources (OER with CC BY licenses) produced by the grant projects can be revised and used in innovative ways to improve the qualities and capabilities of the instructional materials and enable successful learning. SkillsCommons has invited technology companies to participate in the Makeover Strategy and:

- Demonstrate how their technologies and services can be powerful instruments to "makeover" the OER and produce higher quality and innovative resources.
- Showcase makeovers of grantee's materials on the SkillsCommons website, along with information about the company's products and services.
- Jointly Market the makeovers as exemplary practices through a variety of communication channels and strategies, including: social media, print media, webinars, and face-to-face
- Participate in the Online Learning Consortium/MERLOT INNOVATE Conference (April 5-7, 2017) and other TAACCCT or TAACCCT related conferences to deliver face-to-face workshops and engagements with TAACCCT and non-TAACCCT grantees on how to apply their technologies in a makeover process.

The opportunity to participate in the SkillsCommons Makeover Strategy is open to all technology companies. To become a SkillsCommons Makeover Affiliate or Partner, the company has to submit a proposal and evidence that their services enable a TAACCCT grantee to meet the SGA requirements for accessibility, UDL, interoperability, quality assurance, innovations, improvement in learning, acceleration in development of workforce development skills





Join Us!



HOME ABOUT BROWSE CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

TAACCCT @ INNOVATE 2017

Home > TAACCCT @ INNOVATE 2017

Back to Conferences

Workshops, Consultations, and Building Sustainable TAAC-CCT Communities

April 5 - 7, 2017 in New Orleans, LA

OUR GOAL: Enable TAACCCT grantees to advance sustainable and transformative workforce development programs at the 2nd Annual TAACCCT Communities Meeting.



The TAACCCT meeting is embedded within the INNOVATE Conference, co-sponsored by the Online Learning Consortium and MERLOT

CSU-MERLOT will sustain the Skills Commons repository and services beyond the closing of all 256 TAACCCT funded projects.

SkillsCommons is building IMPACT*communities* to become part of its sustaining organization enabling affordable innovations in workforce education and workforce development programs to be easily and widely adopted and adapted by teachers, learners, industries, and professional organizations. This strategy will help scale the benefits of the US Department of Labor's TAACCCT investment in workforce development programs at community colleges in partnership with industries, professional organizations, and technology companies across America.

JOIN US THIS YEAR at TAACCCT@INNOVATE 2017 where you can:

- SHARE AND CONNECT with other TAACCCT grantees, higher ed institutions, industry organizations and technology companies at our invitation-only sessions and the entire INNOVATE Conference!
- JOIN & LEVERAGE the current IMPACTcommunities and help launch a new community—BE THERE AT THE START!
- GET SUPPORT from the SkillsCommons Support Team and others in the TAACCCT Learning Network to help you be successful on your grant!
- LEARN ABOUT INNOVATIONS in technology you can apply to your TAACCCT project at the SkillsCommons Makeover Studio.
- RAISE THE VISIBILITY of your project at a conference with over 1,100 professional attending.
- . LEARN ABOUT STRATEGIES in online and blended learning strategies available at the INNOVATE Conference and



OLC-MERLOT Conference

When: Apr 5-7 2017 Where: New Orleans, LA, Sheraton Hotel Register | Call For Proposals



TAACCCT @ INNOVATE 2017 When: Apr 5-7 2017 Where: New Orleans, LA, Sheraton Hotel Register (link coming soon!) Meeting Agenda | Makeover Studio





OER Makeover Showcases



HOME ABOUT BROWSE - CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

Makeover Showcase

Home > Makeover Showcase

Back to Showcases

Explore our Showcase of SkillsCommons materials that have been made over by others. These showcases demonstrate how you can transform and enhance OER materials created by TAACCCT grant recipients and others.

What Are Makeovers?

Makeovers are major changes/modifications to SkillsCommons material using innovative technologies. These makeovers have been applied to original SkillsCommons materials transforming them into interactive, accessible materials.

Examples of Makeovers

Content Makeovers

- 1. Adding Interactivity
- 2. Applying Universal Design for Learning (UDL) Principles

Packaging and Delivery Makeovers

- 1. Converting WORD and PDF Documents to an eBook
- Converting WORD and PPT Documents to an Apple iBook
 Leveraging Your Learning Management System

Content Makeovers

1. Adding Interactivity

Transforming WORD docs into interactive learning experiences.

Documents used in this makeover were contributed by Air Washington. Tools used in this makeover include SoftChalk for editing the content and ReadSpeaker for adding text-to-speech support. The makeover requirements were provided by SkillsCommons to Soft-Chalk consultants and the SoftChalk consultants implemented the design. The makeovers were supported by SkillsCommons and AirWashington.

Lab Safety & Equipment Use

PART 1 Original Material (BEFORE) | Makeover Implemented (AFTER) See page 4 of Makeover to review interactivity, embedded videos, & self-check assessment.and page 6 for an embedded quiz.

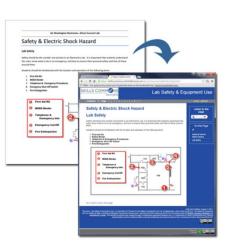
PART 2 Original Material (BEFORE) | Makeover Implemented (AFTER) See page 5 of Makeover to review interactivity & self-check assessment, and page 6 for embedded quiz.

Electricity

Original Material (BEFORE) | Makeover Implemented (AFTER)

Want to conduct a similar makeover?

If you are interested in implementing a similar makeover visit our **How To: Create an Interactive Content Makeover** page.







Additional OER Resources



ABOUT BROWSE + CONTRIBUTE SUPPORT CONNECT SHOWCASES CONTACT LOGIN

Finding More Open Educational Resources

Home > Finding More Open Educational Resources

Reusing OER developed by TAACCCT grantees and others is one of the major goals of SkillsCommons. TAACCCT grantees and anyone engaged in workforce development can save time, money, and effort by reusing the existing OER in SkillsCommons and in other OER collec-

To help you find more OER, we, along with Creative Commons, created a "one stop shop" for OER resources on SkillsCommons,

SkillsCommons' "One-Stop-Shop" for OER Collections

Finding more free and open resources with MERLOT

MERLOT (Multimedia Educational Resources for Learning and Online Teaching at www.merlot.org) is a free and open online library of over 70,000 free and open educational resources, with over 30,000 with a Creative Commons license. MERLOT is administered and led by the California State University, Office of the Chancellor since 1997 and has over 500 higher education institutions represented in the system and campus partners within the MERLOT Consortium. MERLOT's over 140,000 individual members continue to build the collection, with over 500 faculty, students, librarians, staff, administrators, consultants, healthcare professionals, and content developers joining for free

You can find a wide range of online materials of different types - animations, assessment tools, learning assignments, mobile apps, collections, simulations, tutorials, as well as free and open etextbooks and free and open courseware at www.merlot.org. The YouTube video provides you a walk through the website.

MERLOT-Cal State Resources for Finding and Reusing Existing Free and Open Educational Resources:

- Multimedia Educational Resources for Learning and Online Teaching (MERLOT) has over 27.000 Creative Commons licensed materials.
- · Virtual Labs in the California State University: Cal State and MERLOT provide a "teaching commons" for faculty and students to find virtual labs in STEM disciplines. These virtual labs range from OER, free, and fee-based resources.
- MERLOTx is MERLOT's new student portal, created to help students easily find resources to support their learning goals. It is a FREE, open online collection of almost 70,000 quality online learning resources across a wide range of disciplines. MERLOTx connects you to an open online community of learners and teachers from around the world, with almost 140,000 members.
- . Mobile Apps MERLOT is a FREE, open online collection of over 4,000 downloadable mobile apps for iOS (Apple), Android, and Windows smart-phones and tablets that connects you to an open online community of learners and teachers from around the world and IT'S
- California Open Online Library for Education (www.COOL4Ed.org) is a website focused on free and open textbooks, with over 1,200 free etextbooks with Creative Commons licenses. The website also provides ePortfolios for faculty showcasing how they use open textbooks in their courses as well as showcasing "standard" courses with free and open textbooks related to the courses and faculty reviews of the quality of the etextbooks.
- California State University's Affordable Learning Solutions portal: Institutional initiative to significantly reduce the cost of course materials for their students with free and open educational resources.
- Previously Recorded OER Webinars from the Innovators in Online Learning Series:
 - Defining OER: The WHAT and the WHY July 19, 2011
 - o Finding and Using OER: The WHERE and the WHEN August 17, 2011
 - Creating OER: The WHO and the HOW September 21, 2011
- Funding OER: Sustainability October 31, 2011
- Using Creative Commons, Open Educational Resources, and Skills Commons to Enhance Grant Success (5/6/2015) [Webinar]

















One-Stop-Shop for OER



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One-Stop-Shop for OER

Home > One-Stop-Shop for OER

Back to Finding More OERs



OER come in a wide variety of types. Many educators are simply looking for individual media elements to use within their courses, such as photos, graphics, videos, and audio, that are openly licensed in a way that freely permits education use. Other educators are looking for online curriculum modules to augment their courses, complete etextbooks to replace a publisher's textbook or curriculum for the complete coursework (call open courseware).

The "one-stop-shop" of OER collections is meant to provide users easy access to the wide range of OER collections. Explore and re-

CC licensed (BY) Flickr photo shared by David Amsler modified by Paul Stacey

Openly Licensed Media Elements

To jump directly to openly licensed media elements to use within your courses, use these links:

General Search

Photo/Image Search Video Search

Audio/Music Search

Openly Licensed Course Curriculum

To jump directly to openly licensed course curriculum, use these links:

Recorded Lectures & Video Tutorials Search

Open Textbook Search

Simulation and Animation Search

Modular Course Components Search

It is unlikely that you will find OER that perfectly fit your needs. In looking at OER remember that most OER can used in whole or in part and/or modified and customized to fit your specific needs (except for resources with a "No-Derivatives" license).

Feel free to send us your favorite OER resources. Send your feedback and suggestions to support@skillscommons.org.

1. General Search







FAQs for Downloading



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Frequently Asked Questions (FAQs)

Home > Frequently Asked Questions (FAQs)

Support Center Home

Downloading Material from SkillsCommons

Q: I downloaded a folder with an extension .imscc however, I am unable to view the contents. Is it possible to view the contents of this folder?

Answer: When downloading, moving, or sending many files, it can be convenient to first compress into a single file the set of many files. This single file is referred to as an archive or "zip" file. An IMS Common Cartridge is such an archive with an extension of "imscc". Many Learning Management Systems (LMS) can export and import a course's files in this format. To view the content of the "imscc" file, simply rename the file's extension to "zip". Your operating system should then offer a way to uncompress the file, by clicking on it, through a file menu, or tool such as Winzip on Windows and unzip on a Mac. Note that to import the content into an LMS, refer to the imscc file and not its expanded folder of files.

Q: I downloaded a zip folder but could not open any of the files?

Answer: A "zip" file is a compressed set of files that have been gathered into a single file for convenience. Some browsers are configured to download a zip file and expand the zip into a folder of files while other browsers leave the "zip" uncompressed. Given a zip file, uncompress the file, by clicking on it, through a file menu, or tool such as Winzip on Windows and unzip on a Mac. A zip can contain many types of files. Some files can be viewed simply by selecting them or double-clicking on them. Other files may be specific to an application that you must have installed before the file can be launched. For example, a file with the extension "doc" likely is intended for Microsoft Word and you will need that application installed before the file can be viewed.

Q: I downloaded a zip folder with a SCORM package in it, I am unable to view the contents. Is it possible to view the SCORM package?

Answer: SCORM, or Sharable Content Object Reference Model, is a specification for how a set of files are packaged and played. A SCORM file is really an archive or compressed set of files. To view the content of the SCORM file with the extension "zip", uncompress the file, by clicking on it, through a file menu, or tool such as Winzip on Windows and unzip on a Mac. If the file extension is not "zip", rename it to "zip" first. To run a SCORM file, you need a SCORM player, which is included with many Learning Management Systems (LMS). You can also run a SCORM file in a more limited way from your web browser by clicking on the launch HTML file, which might be named index.html, story_html5.html, or similar.





FAQs for Downloading



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Frequently Asked Questions (FAQs)

Home > Frequently Asked Questions (FAQs)

Support Center Home

Reusing Materials from SkillsCommons

Q: I am reusing material I found on SkillsCommons, how do I give proper attribution using the CC-BY license?

Answer: Please refer to the Guide for Attribution of CC-BY Licensed Material for Derivative Works.

OPEN Attribution Builder is a free online Attribution Builder available from Washington State Board for Community and Technical Colleges (SBCTC). SBCTC built this Attribution Builder as part of their involvement with Creative Commons in providing support for TAACCCT grantees.





Questions?

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OER on SkillsCommons.org Repository: Part II – Makeover

 Utilizing Free Online Educational Resources on the SkillsCommons.org Repository: Part II – Makeover

Thursday, November 17, 2016

3:00 PM ~ 4:00 PM ET

In this webinar, participants will discover the benefits of working with a technology company to create a "makeover" of existing OER that has been deposited on SkillsCommons.





2017 Workforce Development Institute

- 2017 Workforce Development Institute: Inspiring Innovation
 - January 25-28, 2017, Newport Beach, CA.
- Next year's institute will host a special TAACCCT Private Meet-Up on Wednesday, January 25 from 1-4 p.m., PT.
 In line with the 2017 WDI theme, "Inspiring Innovation,"
- TAACCCT Grantees are welcome to join us for a robust conversation where you will share your innovations and their impacts, your sustainability efforts, and get help to overcome sustainability challenges.





2017 Workforce Development Institute

Space is limited, so please <u>RSVP by completing this</u> <u>short form</u> by Friday, January 6, 2017, to reserve your spot!





THANK YOU



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