

Books for Faculty

Log in to your [Library Account](#) with your CWU credentials to access library holdings:

- [Teaching Lab Science Courses Online : Resources for Best Practices, Tools, and Technology.](#) Jeschofnig, Linda., and Jeschofnig, Peter. ebook
- Best Practices in Online Teaching and Learning across Academic Disciplines. Alexander, Ross C. Print. (Not in Library Holdings)
- High-impact Practices in Online Education: Research and Best Practices. Linder, Kathryn E., Hayes, Chrysanthemum Mattison, and Thompson, Kelvin. . First ed. Sterling, Virginia: Stylus, 2018. Print. (Not in Library Holdings)
- [Creating Significant Learning Experiences: An Integrated Approach to Designing College Courses.](#) Fink, L. Dee. Print.
- [Empowering Online Learning: 100+ Activities for Reading, Reflecting, Displaying, and Doing – By Curtis J. Bonk and Ke Zhang Hartel, Heather A.](#)
- [Accessible Elements: Teaching Science Online and at a Distance.](#) Lawton Shaw, and Dietmar Kennepohl.
- [Assessing the Online Learner: Resources and Strategies for Faculty.](#) Palloff, Rena M., and Pratt, Keith. Web.
- Instructional Design Resources
- [Powerful task design: Rigorous and engaging tasks to level up instruction.](#) Antonetti, J. V. (2018).
- [Comparison of Full-Time and Distance Learning. *Procedia - Social and Behavioral Sciences*, 182\(C\), 402–407.](#) Fojtik, R. (2015)
- [The Perception on Fundamentals of Online Courses: A Case on Prospective Instructional Designers. *European Journal of Contemporary Education*, 15\(1\), 163–172.](#) Genç, Z., & Tinmaz, H. (2016)
- [Shaping Community in Online Courses: A Self-Study of Practice in Course Design to Support the Relational. *Studying Teacher Education*, 14\(3\), 272–283.](#) Murphy, M. S., & Pinnegar, S. (2018)
- [Instructional-design theories and models. Volume IV, The learner-centered paradigm of education.](#) Reigeluth, C. M., Beatty, B. J., & Myers, R. D. (2017).

- [Conquering the content: A blueprint for online course design and development \(2nd ed.\)](#). Smith, R. M. (2014).
- [Handbook of research on foreign language education in the digital age](#). Wang, C., & Winstead, L. (2016).

Resources for “how to” Teach Online

General Resources for Teaching Online

- [Teaching Online Comprehension Strategies Using Think-Alouds](#). *Journal of Adolescent and Adult Literacy*, 48(6), 492-500. Kymes, A. (2005).
- [Online educators’ recommendations for teaching online: Crowdsourcing in action](#). *Open Praxis*, 10(1), 79-89. Joanna C. Dunlap, & Patrick R. Lowenthal. (2018).
- [Burn Bright, Not Out: Tips for Managing Online Teaching](#). *Journal of Educators Online*, 15(3), *Journal of Educators Online, December 2018, Vol.15(3)*. Cross, T., & Pollk, L. (2018).
- [Assessment strategies for online learning : Engagement and authenticity \(Issues in distance education series\)](#). Conrad, D., & Openo, Jason. (2018).
- [Teaching Online: A Practical Guide. Forth Edition, eBook](#). Schor Ko, S. (2017).
- [Exploring Pedagogies for Diverse Learners Online. First Edition](#). Rice, M. (2015).
- [Balancing Pedagogy, Student Readiness and Accessibility: A Case Study in Collaborative Online Course Development](#). *The Internet and Higher Education*, January 2016, Vol 28(17). Zirkle, K. (2016).

https://docs.google.com/document/d/1fC8hNIZnEBPX8UOW_LC_68MxXgYAt8CCp0Orz0xS_5Y/edit

Teaching Aids for Different Majors

Accounting

- [Purpose, Pedagogy and Philosophy: "Being" an Online Lecturer:](#)
- [So You Want to Temporarily Teach Online:](#)
- [The Professor Behind the Screen: Four Case Studies of Online Teaching in Business:](#) _

Art

- <https://keep-teaching-resources-for-higher-ed.mn.co/groups/2002667/feed>

- https://docs.google.com/document/d/10L9zp1UIMItUgWq5earU_UAML9-sYhMQwy0bxfMCUI/edit
- <https://www.avila.edu/faculty-staff/oe/discipline-specificopen-educational-resources-ii/oe-art>

Aviation

- [Adaptive Learning Pedagogy of Universal Design for Learning \(UDL\) for Multimodal Training](#)
- [Safety as Pedagogy: Using Learning Management Systems to Imprint Essential Safety Concepts in Aviation Students](#)
- [Developing a Challenging Online Doctoral Course Using Backward and Three-Phase Design Models](#)
- [Unpacking corrections in mobile instruction: Error-occasioned learning opportunities in driving, cycling and aviation training](#)
- [Effect of multimodal lessons on students' learning, proceeding world conference on e-learning](#)

Biological Sciences

- [Pedagogical knowledge for active-learning instruction in large undergraduate biology courses: a large-scale qualitative investigation of instructor thinking](#)
- [Just-in-Time Teaching: An Interactive Engagement Pedagogy](#)
- [Instructional Methods for Online Learning](#)
- [Using Practices of Open Pedagogy in My Biology Courses](#)

Chemistry

- [Khan Academy – Chemistry Tutorial Videos](#)
- [How to Be a Better Online Teacher](#)
- [Innovative Learning and Teaching Practices for Chemistry](#)
- [Chemistry MOOCs](#)
- [Vanderbilt's Moving Courses Online Resources](#)

Cultural and Environmental Resource Management

- [Digital bridges across disciplinary, practical and pedagogical divides: An online professional master's program in heritage resource management](#)
- [Purpose, Pedagogy and Philosophy: "Being" an Online Lecturer](#)
- [So you want to temporarily teach online – Inside HigherEd, March 11, 2020](#)
- [4 lessons from moving a face-to-face course online, ChronicleVitae, March 25, 2019](#)

Curriculum, Supervision, and Educational Leadership

- [Teaching & Learning in th Digital Age: Self-Paced Courses from PBS TeacherLine](#)
- [Sustainable Development of Education: Mutual Links of Technology and Pedagogy:](#)
- [ICT Professional Development for Teachers in Online forums: Analyzing the Role of Discussion:](#)

Dance Online

- <https://dancestudiesassociation.org/news/2020/resources-for-moving-dance-based-pedagogy-online>
- <https://docs.google.com/document/d/1RjinJswbxdzVMVZGa55d9dGb7623pZ000RNgdySYzFg/edit>

Economics

- [The Online Teaching Survival Guide: Simple and Practical Pedagogical Tips](#)
- [Learning to do: Facilitating practice in a large introductory macroeconomics class](#)
- [The role of online faculty in supporting successful online learning enterprises: A literature review](#)
- [OECD, Innovating education and educating for innovation: the power of digital technologies and skills](#)
- [Writing in the discipline and reproducible methods: A process-oriented approach to teaching empirical undergraduate economics research](#)

Education, Development, Teaching & Learning

- [Teaching & Learning in th Digital Age: Self-Paced Courses from PBS TeacherLine](#)
- [Sustainable Development of Education: Mutual Links of Technology and Pedagogy:](#)
- [ICT Professional Development for Teachers in Online forums: Analyzing the Role of Discussion:](#)

Engineering Technologies, Safety & Construction

- [How to Be a Better Online Teacher](#)
- [Engineering MOOCs](#)
- [Engineering Education Pedagogy](#)
- [Vanderbilt's Moving Courses Online Resources](#)

English

- [Teaching an Online Course. *Common Knowledge*, 24\(3\), 397-404.](#) Hunt, L. (2018).
- [Learning and Teaching Writing Online: Strategies for Success](#)
- <https://hybridenglish.commons.gc.cuny.edu/projects-and-papers/>

English as a Second Language

- [The ELL teacher's toolbox : Hundreds of practical ideas to support your students \(First ed.\).](#) Ferlazzo, L., & Hull-Sypnieski, Katie. (2018).

Environmental Studies

- [Reflecting on a multidisciplinary collaboration to design a general education climate change course](#)
- [Power, pitfalls, and potential for integrating computational literacy into undergraduate ecology courses](#)
- [Initiatives, experiences and best practices for teaching social and ecological responsibility in ethics education for science and engineering students](#)

- [Environmental Science, Technology, Engineering, and Mathematics Pedagogical Content Knowledge: Teachers' Professional Development as Environmental Science, Technology, Engineering, and Mathematics Literate Individuals in the Light of Experts' Opinions](#)

Family & Consumer Sciences

- [Rehm, M., Allison, B., Bencomo, A., & Godfrey, R. \(2013\). Online Education in Family and Consumer Sciences University Programs and Four Models for Teaching Online. *Family and Consumer Sciences Research Journal*, 41\(3\), 235-253.](#)

Geography

- [Undergraduate teaching and learning in physical geography](#)
- [What online teachers have learned from teaching online](#)
- [Online learning for Geography undergraduates: Student perceptions and motivations](#)
- [NEA, Guide to teaching online courses](#)

Geological Studies

- [Instructional Methods for Online Learning](#)
- [Teaching Geoscience Online](#)
- [Developing an Online Geology Course for Preservice and Inservice Teachers: Enhancements for Online Learning](#)

Graphics/Design/film

- https://docs.google.com/document/d/115zQ_t-mS-juhJj6GKiK9vHkteIwW06yAw2Rh8SJm1c/edit

Health Sciences

- [Sas, M., Bendixen, L., Crippen, K., & Saddler, S. \(2017\). Research and Teaching: Online Collaborative Misconception Mapping Strategy Enhanced Health Science Students' Discussion and Knowledge of Basic Statistical Concepts. *Journal of College Science Teaching*, 46\(6\), 88-99.](#)
- [1266 – Acute Oncology Education: Developing a Pedagogy with Stakeholders Using Online Learning to Enhance Learning, *Clinical Practice and Patient Care*](#)
- [A Study of the Development of Critical Thinking Skills using an Innovative Web 2.0 Tool](#)

Law & Justice

- [Legal Education and Technology III: An Annotated Bibliography *, 111 *Law Libr. J.* 325](#)
- <https://advance.lexis.com/api/permalink/1bb229b9-eb7a-4e08-ba5e-9c65c87f768e/?context=1516831>
- [CHANGING EDUCATION AND PRACTICE OF LAW: THE SEVEN PRINCIPLES FOR GOOD PRACTICE IN \[ASYNCHRONOUS ONLINE\] LEGAL EDUCATION. *William Mitchell Law Review*, 44, 105.](#)

Math Simulations

- <https://phet.colorado.edu/>

Music

- Tools: <https://docs.google.com/spreadsheets/d/1NvUIzGZn9-Tf4SboiMYmm-pGAOEuRp1ZHN2BrTViX84/edit?usp=sharing>

Pedagogy:

- [Music Theory Pedagogy Online](#) : University of Oklahoma's repository for all things relating to music theory pedagogy. Articles, videos, assignments, lesson plans, etc.
- [The Internet Guru: Online Pedagogy in Indian Classical Music Traditions](#) : Article addressing online lessons and conceptions that must be broken for successful learning.

- [Teaching Music Appreciation Online](#): Ebook specifically addresses teaching music appreciation but relevant to all online music education.
- [The Application of Web-Based Distance Learning to the Instrument \(Guitar\) Education In Undergraduate Program: The Sample of Kastamonu University](#): Article about techniques for instrument education online. Specifically looks at guitar but relevant to all instrumental educators.

Philosophy

- [The Complete Step-by-Step Guide to Designing and Teaching Online Courses](#)
- [Interconnecting Networks of Practice for Professional Learning](#)
- [Pedagogy & American Literary Studies \(PALS\) and the Development of Sustainable Online Teaching Communities](#)
- [A Typology for an Online Socrates Café](#)
- [The Development of Discourse in the Online Environment: Between Technology and Multiculturalism](#)

Religious Studies

- [Using Virtual Reality and 360-degree video in the Religious Studies Classroom: An Experiment](#)
- [Interrupting Adult Learning through Online Pedagogy](#)
[Graduate Student Preferences for Practicing Faith in Online Coursework](#)

Physics

- [Instructional strategies and course design for teaching statistics online: perspectives from online students](#)
- [Investigating the Effect of Question-Driven Pedagogy on the Development of Physics Teacher Candidates' Pedagogical Content Knowledge](#)
- [Teaching Lab Science Courses Online: Resources for Best Practices, Tools, and Technology](#)
- [Design of Online Professional Development in Science Content and Pedagogy: A Pilot Study in Florida](#)

Political Science

- [APSA, How political scientists teach civic engagement](#)
- [Political Science pedagogy: A critical, radical, and utopian perspective](#)
- [The teaching and learning consortium: Essays on teaching and learning from the Georgia Political Science Association's Teaching and Learning Workshop and Panel](#)
- [Yale, Poorvu Center for Teaching and Learning, Political Science](#)

Primate Behavior & Ecology

- [HYPERLINK "https://www.insidehighered.com/digital-learning/article/2017/07/12/7-guidelines-effective-teaching-online"](https://www.insidehighered.com/digital-learning/article/2017/07/12/7-guidelines-effective-teaching-online)Teaching Anthropology with Primate Documentaries: Investigating Instructors' Use of Films and Introducing the Primate Films Database
- Psychology
[How to Be a Better Online Teacher](#)
- [Psychology MOOCs](#)
- [Vanderbilt's Moving Courses Online Resources](#)

Science Education

- [Effective teaching online](#)
- [Towards a pedagogical model for science education: bridging educational contexts through a blended learning approach](#)
- [Teaching Science with Technology: Case Studies of Science Teachers' Development of Technology, Pedagogy, and Content Knowledge](#)

Science Labs & Simulations

Virtual Labs

- [eScience Labs](#)
- [TableTop Science](#)
- [Virtual Labs \(USDA and NMSU; covers food science lab processes and basic lab techniques\)](#)

Interactive Simulations

- [PhET \(CU Boulder\)](#)
- [LearnChemE \(CU Boulder\)](#)

Additional resources

- <https://www.csun.edu/science/software/simulations/simulations.html>
- <https://docs.google.com/spreadsheets/d/18iVSIeOqKjj58xcR8dYJS5rYvzZ4X1UGLWh3brRzCM/htmview>
- <https://li.wsu.edu/teaching-tool-boxes/options-for-virtual-labs-and-simulations-for-laboratory-based-courses/>
- http://als.skillscommons.org/virtual_labs.html
- <https://www.wiche.edu/files/files/NANSLO-Summary-Final.pdf>
- <https://www.labxchange.org/library/clusters/abe>
- <https://phet.colorado.edu/>
- <https://www.jove.com/>
- <https://kcts9.pbslearningmedia.org/collection/simulations/#.XmfP3ahKjcc>
- <http://www.flynnresearchgroup.com/orgchem101>
- <http://chemistry.miamioh.edu/bretzsl/>
- <https://www.chemtube3d.com/>
- www.beyondlabz.com/ provides a suite of virtual labs originally created by Brigham Young University including Chemistry, Organic Chemistry, Biology, Physics

World Languages

- [*Teaching literature and language online: print book also available at Brooks Library: Call Number: LB1028.3 .T386 2009*](#)
- [*The handbook of technology and second language teaching and learning:*](#)
- [*A psycholinguistic approach to technology and language learning:*](#)
- [*Task-based language learning with technology*](#)
- [*Contemporary Computer-Assisted Language Learning*](#)
- [*When Chinese Learners Meet Constructivist Pedagogy Online*](#)

https://docs.google.com/document/d/1FC8hNIZnEBPX8UOW_LC_68MxXgYA8CCpOOrz0xs_5Y/edit

Additional Resources

Accessibility

- <https://support.google.com/accessibility/android/answer/9350862?hl=en>

Curated Online Learning and support materials

- <https://www.merlot.org/merlot/>

Are you Ready for Distance Delivery?

- Complete this WSU [readiness assessment](#)

GW Instructional Continuity [Preparation Checklist & Tools for Virtual Learning](#)