



Curated List of Readings on Teaching and Learning from CTLs around the World

How to use this document:

- In this document, we have listed topics relevant to teaching and learning and renowned universities' CTL webpages where these topics can be accessed.
- It is a useful resource for faculty early in their careers and even experienced faculty who want to refresh their knowledge on these topics.
- You may click on the relevant topic in the contents table to take you to relevant part of the document.

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Learning

- Principles of learning
- How people learn
- Understanding student learning
- Active Learning
- Learning Styles
- Metacognition

Topics	Center	Source
Learning		
Principles of Learning <ul style="list-style-type: none"> • Principles of Teaching and Learning 	Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University	https://www.cmu.edu/teaching/principles/learning.html https://www.cmu.edu/teaching/principles/index.html
Principles and Frameworks of Learning <ul style="list-style-type: none"> • Understanding Learning • Bloom’s Taxonomy 	Center for Teaching, Vanderbilt University	https://cft.vanderbilt.edu/teaching-guides/principles-and-frameworks/ https://www.engr.ncsu.edu/wp-content/uploads/drive/10S5mLkGEI

Topics	Center	Source
<ul style="list-style-type: none"> • Increasing Inclusivity in the Classroom • How People Learn • Learning Styles • Metacognition • Motivating Students • Pedagogy for Professional Schools and Students • Scholarship of Teaching and Learning (SoTL) • Teaching First-Generation College Students • Teaching Adult Undergraduate Students • Visual Thinking • Blended and Online Learning • Creating Accessible Learning Environments • Flipping the Classroom • Team-based learning • Teaching Beyond the Gender Binary in the University Classroom • Learning Spaces • Massive Open Online Courses (MOOCs) • Service Learning or Community Engagement • Syllabus Design • Understanding by Design 		sN8NTsYgOe_f0taEdlSpbJD/2010-LS_Validity(On-Course).pdf https://educationdesignsinc.com/index-of-learning-styles/
How people learn	Teaching and Learning Lab, MIT	https://tll.mit.edu/teaching-resources/how-people-learn/
The Science of Learning	The Derek Bok Center for Teaching and Learning, Harvard University	https://bokcenter.harvard.edu/science-learning
Understanding Student Learning <ul style="list-style-type: none"> • Creating Course “Flow”: Finding the Balance Between Boredom and Anxiety • Cultivating Complexity: Helping Students Recognize and Deal with Plurality and Uncertainty • Cultivating Reasoning Skills: Helping Students Recognize and Deal with Uncertainty 	McGraw Center for Teaching and Learning, Princeton University	https://mcgraw.princeton.edu/node/1341 https://mcgraw.princeton.edu/node/1336 https://mcgraw.princeton.edu/node/671 https://mcgraw.princeton.edu/node/1346 https://mcgraw.princeton.edu/node/1351 https://mcgraw.princeton.edu/node/1361 https://mcgraw.princeton.edu/node/1366

Topics	Center	Source
<ul style="list-style-type: none"> Evaluating Progress at Mid-Term: Teaching Students How to Learn Guiding Students into Doing the "Work" of Learning Prior Knowledge and Student Learning Promoting Students' Ability to Retain Information and Apply it in New Situations What Do Your Students Know for the Final 		
<p>Active Learning</p> <ul style="list-style-type: none"> Active learning Demystified Techniques Steps to create an active learning environment Active Learning in the College Classroom 	<p>McGraw Center for Teaching and Learning, Princeton University</p> <p>The Harriet W. Sheridan Center for Teaching and Learning, Brown University</p> <p>Teaching and Learning Resources, NYU</p>	<p>https://mcgraw.princeton.edu/initiatives/classrooms-active-learning</p> <p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/classroom-practices/active-learning</p> <p>http://www.celt.iastate.edu/wp-content/uploads/2017/03/CELT226-activelearningtechniques.pdf</p> <p>https://www.nyu.edu/faculty/teaching-and-learning-resources/strategies-for-teaching-with-tech/best-practices-active-learning.html</p> <p>https://www.asec.purdue.edu/lect/HBCU/documents/Active_Learning_in_College_Classrooms.pdf</p>
Learning Styles		<p>https://www.engr.ncsu.edu/wp-content/uploads/drive/10S5mLkGElS8NTsYgOe_f0taEdlSpbJD/2010-LS_Validity(On-Course).pdf</p> <p>https://educationdesignsinc.com/index-of-learning-styles/</p>
Metacognition	The Harriet W. Sheridan Center for Teaching and Learning, Brown University	https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/classroom-practices/promoting-metacognition

Course Design

- Course and Syllabus Design
- Designing the course
- Learning outcomes/objectives

Course Design		
<p>Course design</p> <ul style="list-style-type: none"> • Designing your course • Preparing to teach • Backward Design • Developing a syllabus • Incorporating Diversity • Creating an Inclusive & Learner-Centered Syllabus • Interpreting course feedback • Evidence based Practices • Establishing learning goals • Classroom assessment • Enhancing student learning with technology 	<p>Center for Teaching Innovation, Cornell University</p> <p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>The Derek Bok Center for Teaching and Learning, Harvard University</p> <p>Initiative for Learning Innovation and Teaching Excellence, INSEAD</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University</p> <p>The Harriet W. Sheridan Center for Teaching and Learning, Brown University</p> <p>Teaching and Learning Lab, MIT</p> <p>Dartmouth Center for the Advancement of Learning, Dartmouth</p> <p>Center for Research on Learning & Teaching, University of Michigan</p>	<p>https://teaching.cornell.edu/teaching-resources/designing-your-course</p> <p>http://www.celt.iastate.edu/teaching/preparing-to-teach/</p> <p>https://www.celt.iastate.edu/teaching/preparing-to-teach/how-to-create-an-effective-syllabus/</p> <p>https://bokcenter.harvard.edu/designing-your-course</p> <p>https://www.insead.edu/centres/learning-innovation-and-teaching-excellence/resources#td</p> <p>https://teaching.utoronto.ca/teaching-support/course-design/</p> <p>https://www.cmu.edu/teaching/designteach/index.html</p> <p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/course-design</p> <p>https://tll.mit.edu/teaching-resources/course-design/</p> <p>https://dcal.edu/resources/course-design-preparation/course-design-%E2%80%93-getting-started</p> <p>https://crlt.umich.edu/tstrategies/tscdp</p>
<p>Course and Syllabus Design</p> <ul style="list-style-type: none"> • Who are the students? 	<p>Center for Teaching and Learning, University of Washington</p>	<p>https://teaching.washington.edu/topics/preparing-to-teach/designing-your-course-and-syllabus/</p>

<ul style="list-style-type: none"> • What do I want students to be able to do? • How will I measure students' abilities? • Common components included in a syllabus • Course description • Course topics and assignments • Course policies and values 	<p>Center for Teaching and Learning, UNC Charlotte</p> <p>Chicago Center for Teaching, University of Chicago</p> <p>Berkeley Center for Teaching and Learning</p>	<p>https://teaching.uncc.edu/teaching-guides/course-design</p> <p>https://teaching.uchicago.edu/resources/course-design-development-and-organization/course-design/</p> <p>https://teaching.berkeley.edu/resources/effective-course-design</p>
<p>Revising the course</p> <ul style="list-style-type: none"> • Redesigning a course • Course Redesign-Backwards and Integrated design 	<p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Center for Educational Innovation, University of Buffalo</p>	<p>https://teaching.utoronto.ca/teaching-support/course-design/developing-or-redesigning-a-course/</p> <p>http://www.buffalo.edu/ubcei/enhance/designing/course-design.html</p>
<p>Learning outcomes or objectives</p> <ul style="list-style-type: none"> • Guide for developing learning outcomes • Formulating learning objectives • The Educational Value of Course-level Learning Objectives/Outcomes 	<p>Dartmouth Center for the Advancement of Learning, Dartmouth</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Northwestern University</p>	<p>https://dcal.dartmouth.edu/resources/course-design-preparation/learning-outcomes</p> <p>https://dcal.dartmouth.edu/sites/dcal.prod/files/center_for_advancement_learning/wysiwyg/courselearningobjectivesvalue.pdf</p> <p>https://teaching.utoronto.ca/wp-content/uploads/2015/08/Developing-Learning-Outcomes-Guide-Aug-2014.pdf</p> <p>https://weinberg.northwestern.edu/faculty/teaching-research-service/teaching-curriculum/new-courses/learning-objectives.html</p>

During the Class

- **Preparing for class**
- **First day of class**
- **In the classroom**
- **Class management**
- **Managing resistance**
- **Communication tips**
- **Teaching your course**
- **Effective teaching strategies**
- **Creativity in the classroom**
- **Inclusive learning**

During the Class

<p>Preparing for class</p> <ul style="list-style-type: none"> • Calling on students • Managing norms 	<p>Initiative for Learning Innovation and Teaching Excellence, INSEAD</p>	<p>https://www.insead.edu/centres/learning-innovation-and-teaching-excellence/resources#ht</p>
<p>First day of class</p>	<p>Dartmouth Center for the Advancement of Learning, Dartmouth</p> <p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>McGraw Center for Teaching and Learning, Princeton University</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p>	<p>https://dcal.dartmouth.edu/resources/teaching-methods/first-day-class</p> <p>http://www.celt.iastate.edu/teaching/preparing-to-teach/10-ideas-for-a-great-first-day-of-class/</p> <p>https://www.chronicle.com/interactives/advice-firstday</p> <p>https://mcgraw.princeton.edu/node/1211</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/first-class/</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/setting-the-tone/</p>
<p>In the classroom</p> <ul style="list-style-type: none"> • Supporting interaction • Classroom behaviour • Handling disruptions • Avoiding mistakes 	<p>The Derek Bok Center for Teaching and Learning, Harvard University</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Center for Excellence in Learning and Teaching, Iowa State University</p>	<p>https://bokcenter.harvard.edu/in-classroom</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/supporting-interaction/</p> <p>http://www.celt.iastate.edu/teaching/effective-teaching-practices/classroom-behavior/</p> <p>http://www.celt.iastate.edu/wp-content/uploads/2018/06/iowastateclassroomdisruptionresources.pdf</p> <p>http://www.celt.iastate.edu/teaching/effective-teaching-practices/teaching-blunders-to-avoid-ten-worst-teaching-mistakes/</p>
<p>Class Management</p> <ul style="list-style-type: none"> • Academic Integrity: Grappling with Cheating and Plagiarism • Dealing with the unexpected: Teaching when you or your students can't make it to class • Difficult Dialogues 	<p>Center for Teaching, Vanderbilt University</p>	<p>https://cft.vanderbilt.edu/teaching-guides/challenges-and-opportunities/</p>

<ul style="list-style-type: none"> • Group work: Using cooperative learning groups effectively • Increasing Inclusivity in the Classroom • Motivating Students • Office Hours and E-mail • Service Learning Challenges & Opportunities • Teaching Beyond the Gender Binary in the University Classroom • Teaching in Times of Crisis • Teaching Large Classes • Wireless in the classroom 		
<p>Managing student resistance</p>	<p>Initiative for Learning Innovation and Teaching Excellence, INSEAD</p>	<p>https://www.insead.edu/centres/learning-innovation-and-teaching-excellence</p>
<p>Classroom communication tips</p> <ul style="list-style-type: none"> • 10 Simple Rules for Making Good Oral Presentations 	<p>The Harriet W. Sheridan Center for Teaching and Learning, Brown University</p>	<p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/classroom-practices/classroom-communication/tips</p> <p>http://www.ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.0030077</p>
<p>Teaching your course</p> <ul style="list-style-type: none"> • Make the most of the first day of class • Implement effective instructional strategies (lectures, discussions, labs, studios, case studies) • Anticipate and respond to cultural differences in the classroom • Create a productive and inclusive learning environment • Handle course management issues • Conduct assessments of teaching and learning • Address problematic student behavior • Teach after tragedy 	<p>Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University</p>	<p>https://www.cmu.edu/teaching/designteach/teach/index.html</p>

<ul style="list-style-type: none"> • Direct students to support services 		
<p>Effective Teaching Strategies</p> <ul style="list-style-type: none"> • 7 Deadly Sins in MBA Classrooms • Learning contexts • First day of class • Lectures and large classes • Discussions and seminars • Labs 	<p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Initiative for Learning Innovation and Teaching Excellence, INSEAD</p> <p>The Harriet W. Sheridan Center for Teaching and Learning, Brown University</p>	<p>http://www.celt.iastate.edu/teaching/effective-teaching-practices/</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/</p> <p>https://www.insead.edu/centres/learning-innovation-and-teaching-excellence/resources#</p> <p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/classroom-practices/learning-contexts</p>
<p>Creativity in the classroom</p>	<p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p>	<p>http://www.celt.iastate.edu/teaching/teaching-format/14-creative-ways-to-engage-students/</p> <p>https://www.mycoted.com/Main_Page</p> <p>http://creatingminds.org/</p> <p>https://www.youtube.com/watch?v=BoK3qE-zv_o&feature=youtu.be</p> <p>https://www.nyu.edu/faculty/teaching-and-learning-resources/strategies-for-teaching-with-tech/best-practices-active-learning/active-learning-techniques.html</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/</p>
<p>Inclusive learning/teaching strategies</p> <ul style="list-style-type: none"> • Creating inclusive classrooms • Diversity and inclusion • Classroom Climate • Connecting with Your Students • Establishing Ground Rules • Global Learning • Icebreakers 	<p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>Center for Teaching Innovation, Cornell University</p> <p>The Derek Bok Center for Teaching and Learning, Harvard University</p>	<p>http://www.celt.iastate.edu/teaching/preparing-to-teach/ideas-to-create-a-welcoming-engaging-and-inclusive-classroom/</p> <p>http://www.celt.iastate.edu/events-registration/programs-on-inclusive-classrooms/</p> <p>https://teaching.cornell.edu/teaching-resources/building-inclusive-classrooms</p>

<ul style="list-style-type: none"> • Inclusive Teaching Strategies 	<p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Center for Teaching and Learning, UPenn</p>	<p>https://bokcenter.harvard.edu/inclusive-teaching</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/inclusive-teaching/</p> <p>https://wwwctl.upenn.edu/inclusive-teaching</p>
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Pedagogy

- Interactive lecturing
- Active learning
- Contemplative pedagogy
- Teaching by case method
- Teaching large classes
- Team based learning
- Inductive learning
- Story telling
- Flipping the classroom

Pedagogy		
<p>Pedagogies & Strategies</p> <p>Interactive Lecturing</p> <ul style="list-style-type: none"> • An Introduction to Lecturing • Classroom Response Systems (“Clickers”) • Digital Textbooks: Working with publisher-provided online platforms • Flipping the Classroom • Making Better PowerPoint Presentations • Podcasting • Visual Thinking • Active Learning • Teaching with Blogs • Case Studies • Classroom Response Systems (“Clickers”) • Digital Labs and Simulations • Digital Timelines • Discussions • Effective Educational Videos • Feminist Pedagogy 	<p>Center for Teaching, Vanderbilt University</p> <p>Center for Excellence in Learning and Teaching, Iowa State University</p>	<p>https://cft.vanderbilt.edu/teaching-guides/pedagogies-and-strategies/</p> <p>http://www.celt.iastate.edu/teaching/teaching-format/effective-lectures/</p>

<ul style="list-style-type: none"> • Group work: Using cooperative learning groups effectively • Just-in-Time Teaching (JiTT) • Learning and Course Management Systems (LMS/CMS) • Leveraging Travel Abroad: Collecting and Teaching with Authentic Resources • Mindfulness in the Classroom • Office Hours and E-mail • Service Learning & Community Engagement • Teaching Outside the Classroom • Teaching Problem Solving • Team-Based Learning • Test-enhanced learning: Using retrieval practice to help students learn • Visual Thinking • Wikis • Wireless in the Classroom 		
<p>Design Thinking in education</p> <ul style="list-style-type: none"> • Design Thinking in pedagogy 	<p>Teaching and Learning Lab, Harvard</p>	<p>https://tll.gse.harvard.edu/design-thinking http://nowadays.home.pl/JECS/data/documents/JECS=202014=20=282=29=2063.74.pdf</p>
<p>Contemplative Pedagogy</p> <ul style="list-style-type: none"> • Critical Reading • Teaching and persuasive communication 	<p>The Harriet W. Sheridan Center for Teaching and Learning, Brown University</p>	<p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/classroom-practices/contemplative-pedagogy https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/classroom-practices/critical-reading https://www.brown.edu/sheridan/sites/sheridan/files/docs/teaching-and-persuasive-communication.pdf</p>
<p>Teaching by the Case Method</p> <ul style="list-style-type: none"> • Writing a teaching case 	<p>Center for Innovation in Teaching & Learning, Illinois Stanford</p>	<p>https://www.hbs.edu/teaching/case-method/preparing-to-teach/Pages/getting-started.aspx</p>

	<p>Center for Teaching and Learning, Columbia University</p> <p>Center for Teaching and Learning, Boston University</p> <p>Center for Teaching, Vanderbilt University</p> <p>Center for Research on Learning and Teaching, University of Michigan</p>	<p>https://www.thecasecentre.org/educators/casemethod/resources/features/prepare2</p> <p>https://citl.illinois.edu/citl-101/teaching-learning/resources/teaching-strategies/the-case-method#:~:text=The%20case%20method%20is%20a,type%20of%20problem%2Dbased%20learning.</p> <p>https://serc.carleton.edu/sp/library/cases/what.html</p> <p>https://web.stanford.edu/class/ee353/case.htm</p> <p>https://ctl.columbia.edu/resources-and-technology/resources/case-method/</p> <p>https://www.bu.edu/ctl/teaching-resources/using-case-studies-to-teach/</p> <p>https://cft.vanderbilt.edu/guides-sub-pages/case-studies/</p> <p>https://crlt.umich.edu/tstrategies/tscbt</p> <p>https://www.researchgate.net/publication/323392698_Teaching_Case_How_to_Write</p>
<p>Large Classes</p> <ul style="list-style-type: none"> Improved Learning In a Large-Enrollment Physics Class 	<p>Centre for Teaching Support & Innovation, University of Toronto</p>	<p>http://www.sciencemag.org/content/332/6031/862.full.pdf</p> <p>https://teaching.utoronto.ca/teaching-support/strategies/lct/</p>
<p>Team based learning</p> <ul style="list-style-type: none"> Self and Peer Evaluation 	<p>Center for Excellence in Learning and Teaching, Iowa State University</p>	<p>http://www.celt.iastate.edu/teaching/teaching-format/team-based-learning/</p> <p>https://www.engr.ncsu.edu/wp-content/uploads/drive/1wZJX8WqXMZfzMGbc3CZv80wRNhXWtcH4/2012-CATME%20paper.pdf</p>
<p>Inductive Learning</p>		<p>https://www.engr.ncsu.edu/wp-content/uploads/drive/1-MORshfST1zjmfEqk33HF1PCYP-HbW3L/2006-</p>

		Inductive%20learning%20paper%20(JEE).pdf
Story telling	NYU	https://www.nyu.edu/faculty/teaching-and-learning-resources/strategies-for-teaching-with-tech/storytelling-teching-and-learning.html
Flipping the classroom <ul style="list-style-type: none"> • Strategies for Online and Blended Learning • Flipping a Class Using an Online Learning Environment • Integrating Your Online and Flipped Classroom Environments • Making the Most of the Online Environment in Your Flipped Class • Planning Structured Learning Activities for the Flipped Classroom • Flipping Your and Your Students' Perspectives about Learning 	Center for Excellence in Learning and Teaching, Iowa State University Center for Teaching Innovation, Cornell University Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University	https://teaching.cornell.edu/teaching-resources/designing-your-course/flipping-classroom http://www.celt.iastate.edu/teaching/teaching-format/blended-learning-and-the-flipped-classroom/ https://www.cmu.edu/teaching/technology/flippingtheclass/index.html

Grading and Assessment

- Grading students and course assessment
- Assessing learning
- Assessing teaching
- Peer observation of teaching

Grading and Assessment		
Grading Students and Course Assessment <ul style="list-style-type: none"> • Evaluation • Accessibility • Asking Good Test Questions • Assessing Prior Knowledge • Class Observation • Documenting Teaching with a Teaching Portfolio • Measuring Student Learning • Peer Assessment • Peer Review of Teaching • Self-Assessment • Using Rubrics 	Center for Teaching Innovation, Cornell University Center for Excellence in Learning and Teaching, Iowa State University Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University Centre for Teaching Support & Innovation, University of Toronto	https://teaching.cornell.edu/teaching-resources/assessment-evaluation https://teaching.cornell.edu/learning-technologies/assessment-tools http://www.celt.iastate.edu/teaching/assessment-and-evaluation/ https://www.cmu.edu/teaching/assessment/index.html https://teaching.utoronto.ca/wp-content/uploads/2019/02/Multiple-Choice-Question-and-Quiz-Tips.pdf https://teaching.utoronto.ca/wp-content/uploads/2015/04/Formative-Assessment_Six-Formative-Assessment-Practical-Strategies.pdf http://www.celt.iastate.edu/teaching/assessment-and-

<ul style="list-style-type: none"> • Assessment Tools • MCQs and Quiz Tips • Formative assessment strategies • Strategies to check student learning in class • Best Practices for Designing and Grading Exams 	<p>Center for Research on Learning and Teaching, University of Michigan</p>	<p>evaluation/classroom-assessment-techniques-quick-strategies-to-check-student-learning-in-class/http://www.crlt.umich.edu/sites/default/files/resource_files/CRLT_no24.pdf</p>
<ul style="list-style-type: none"> • Assessing Learning • Assessing Student Learning • Cheating & Plagiarism • Beyond the Essay: Making Student Thinking Visible in the Humanities • Classroom Assessment Techniques (CATs) • Grading Student Work • Metacognition • Scholarship of Teaching and Learning (SoTL) • Test-enhanced learning: Using retrieval practice to help students learn • Writing Good Multiple Choice Test Questions • Assessment Basics • How to Assess Students' Prior Knowledge • How to Assess Students' Learning and Performance • How to design assessments that probe for understanding • Formative vs. summative assessment 	<p>Center for Teaching, Vanderbilt University</p> <p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>NYU</p> <p>Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University</p> <p>Teaching and Learning Lab, MIT</p>	<p>https://cft.vanderbilt.edu/teaching-guides/reflecting-and-assessing/</p> <p>http://www.celt.iastate.edu/teaching/assessment-and-evaluation/classroom-assessment-techniques-quick-strategies-to-check-student-learning-in-class/</p> <p>https://www.nyu.edu/faculty/teaching-and-learning-resources/strategies-for-teaching-with-tech/best-practices-active-learning/evaluation-of-active-learning.html</p> <p>https://www.cmu.edu/teaching/assessment/index.html</p> <p>https://tll.mit.edu/teaching-resources/assess-learning/how-to-assess-for-learning/</p>
<p>Assessing Teaching</p> <ul style="list-style-type: none"> • Developing and Writing a Diversity Statement • Peer Review of Teaching • Scholarship of Teaching and Learning (SoTL) • Soliciting and Utilizing Mid-Semester Feedback • Student Evaluations • Teaching Portfolios • Teaching Statements • How to Assess Your Teaching 	<p>Center for Teaching, Vanderbilt University</p> <p>Eberly Center, Teaching Excellence & Educational Innovation, Carnegie Mellon University</p> <p>Teaching and Learning Lab, MIT</p>	<p>https://cft.vanderbilt.edu/teaching-guides/reflecting-and-assessing/</p> <p>https://www.cmu.edu/teaching/assessment/index.html</p> <p>https://tll.mit.edu/teaching-resources/assess-teaching/mid-semester-formative-feedback/</p>

<ul style="list-style-type: none"> • How to Assess Departments and Programs • Examples and Tools • Mid-semester Formative Feedback 		
Peer Observation of Teaching	<p>Initiative for Learning Innovation and Teaching Excellence, INSEAD</p> <p>Centre for Teaching Support & Innovation, University of Toronto</p> <p>Center for Excellence in Learning and Teaching, Iowa State University</p>	<p>https://www.insead.edu/centres/learning-innovation-and-teaching-excellence#undefined</p> <p>https://teaching.utoronto.ca/teaching-support/peer-observation-of-teaching/</p> <p>http://www.celt.iastate.edu/teaching/document-your-teaching/peer-observation-of-teaching-best-practices/</p>

Students

- Engaging students
- Dealing with difficult students
- Getting student feedback

Students		
<p>Engaging Students</p> <ul style="list-style-type: none"> • Accessibility • Active Learning • Collaborative Learning • Discussions • Increasing Student Motivation & Participation • Large Courses • Problem-Based Learning • Using Effective Questions • Writing Assignments • Ten easy ways to engage students 	<p>Center for Teaching Innovation, Cornell University</p> <p>McGraw Center for Teaching and Learning, Princeton University</p> <p>Center for Teaching and Learning, University of Washington</p>	<p>https://teaching.cornell.edu/teaching-resources/engaging-students</p> <p>https://mcgraw.princeton.edu/node/666</p> <p>http://www.tandfonline.com/doi/pdf/10.3200/CTCH.55.2.83-87</p> <p>https://teaching.washington.edu/topics/engaging-students-in-learning/</p>
Dealing with difficult students	Stanford	https://tomprof.stanford.edu/posting/1542
Getting Student Feedback	The Derek Bok Center for Teaching and Learning, Harvard University	https://bokcenter.harvard.edu/getting-feedback

Online and Digital

- Online teaching
- Online learning
- Facilitating learning with technology
- Learning technology

Online and Digital		
<p>Online Teaching</p> <p>Online Learning</p>	<p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>McGraw Center for Teaching and Learning, Princeton University</p> <p>Digital Learning, UC San Diego</p>	<p>http://www.celt.iastate.edu/teaching/teaching-format/online-learning/</p> <p>https://mcgraw.princeton.edu/news/teaching-online</p> <p>https://digitallearning.ucsd.edu/instructors/resources/teaching-online.html</p>
<p>Facilitating Learning with Technology</p> <ul style="list-style-type: none"> • Key Questions for Designing Online Discussions • Six Tips for Online Discussions • Annotated List of Resources for Online Discussions • Characteristics of Effective Online Assignments • Annotated List of Resources for Designing Online Assignments & Activities • Peer Assessment in Online Courses 	<p>Center for Excellence in Learning and Teaching, Iowa State University</p> <p>The Harriet W. Sheridan Center for Teaching and Learning, Brown University</p>	<p>http://www.celt.iastate.edu/teaching/facilitating-learning-with-technology/</p> <p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/digital-teaching-learning</p> <p>https://www.brown.edu/sheridan/teaching-learning-resources/teaching-resources/course-design/enhancing-student-learning-technology</p>
<p>Learning Technology</p> <ul style="list-style-type: none"> • Assessment Tools • Hybrid & Online Learning • Canvas • Collaboration Tools • Video & Multimedia • CTI Tech Lab • Technology for education 	<p>Center for Teaching Innovation, Cornell University</p> <p>Center for Teaching and Learning, UPenn</p> <p>Eberly Center, Teaching Excellence & Educational</p>	<p>https://teaching.cornell.edu/learning-technologies</p> <p>https://www.ctl.upenn.edu/using-technology-your-teaching</p> <p>https://www.cmu.edu/teaching/technology/index.html</p>

<ul style="list-style-type: none">• Digitally evaluating written work• Helping students interact with data using information visualization tools• Managing your course with learning management tools• Facilitating student group work with tools for collaborating• Supporting engagement in large lectures with concept questions and Clickers• Meeting with students via virtual technology• Exploring the possibilities of mobile devices and apps• Teaching with Technology White Papers	Innovation, Carnegie Mellon University NYU	https://www.nyu.edu/faculty/teaching-and-learning-resources/strategies-for-teaching-with-tech.html
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