Tech to Teaching – Foundation Level Pathways Matrix
2017-2018

Georgia Tech Center for Teaching and Learning

The Tech to Teaching certificate is comprised of two phases, a foundation content level and a teaching capstone. The foundation level is organized around 10 learning outcomes, which participants can achieve through academic courses or through an individualized pathway. After attending a workshop or completing an on-line learning resource, participants submit the evidence of learning assignment on T-square to be reviewed by CTL faculty. When participants finish a course (on campus or the CIRTL MOOC), they automatically receive credit for that learning outcome. Participants need to earn ONLY ONE learning outcome in each column. The rows in this matrix provide the various options from which participants can choose to satisfy each outcome.

The following options to satisfy the foundation level are available on campus at Georgia Tech.

On campus Program Options	Evidence of Learning	2016-2017 Schedule	How People Learn		Learner Differences		Evidence-based Teaching		Assessment		Integrating Ed Tech	
			F1.1	F1.2	F2.1	F2.2	F3.1	F3.2	F4.1	F4.2	F5.1	F5.2
CTL Course: CETL 8713 Fundamentals in Teaching and Learning	Exempt	Fall, Spring	X	X	X	X	X	X				
CTL Course: CETL 8717 Course Design	Exempt	Fall, Spring					X	X	X	X	X	X
CTL Course (non-credit) for Postdocs only: Fundamentals in T&L	Exempt	Spring	X		X		X	X	X	X		
CTL Course: CETL 8000 Graduate Teaching Assistant Preparation	Exempt	Fall, Spring					X					
CTL Workshop: How Learning Works	Written Assignment	Oct 13 9:00-10:30	X									
CTL Workshop: Teaching with Technology	Written Assignment	Oct 13 10:30-noon									X	
CTL Workshop: Writing Learning Outcomes	Written Assignment	Nov 10 9:00-10:30							X			
CTL Workshop: Measuring Learning	Assessment Plan	Nov 10 10:30-noon								X		
CTL Workshop: Student Motivation for Learning	Case Study	Feb 23 9:00-10:30			X							
CTL Workshop: Diversity in the Classroom	Worksheet	Feb 23 10:30-noon				X						
CTL Workshop: Evidence-based Teaching	Written Assignment	March 30 9:00-10:30					X					
CTL Workshop: Classroom Assessment Techniques	Written Assignment	March 30 10:30-noon						X				
CTL Independent Project: Scholarship of Teaching and Learning article review	Written Assignment	Independent Study		X								

See reverse side for more options!

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In addition to the on-campus options, Tech to Teaching participants have access to a variety of on-line resources to satisfy foundation-level learning outcomes.

The Center for the Integration of Research, Teaching and Learning (CIRTL) provides courses, workshops, and presentations on a variety of teaching and learning topics. Some of these satisfy learning outcomes for Tech to Teaching. Register for free access at CIRTL.net to access the direct links below. Georgia Tech also maintains free access to Lynda at Lynda.gatech.edu. Sign in with your Georgia Tech credentials for access to the teaching and learning resources listed here.

On-line Program Options	Evidence of Learning	2016-2017 Schedule	How People Learn		Learner Differences		Evidence-based Teaching		Assessment		Integrating Ed Tech	
			F1.1	F1.2	F2.1	F2.2	F3.1	F3.2	F4.1	F4.2	F5.1	F5.2
CIRTL MOOC: An Introduction to Evidence-based Undergraduate STEM Teaching	Statement of completion	Oct 2	X		X	X	X		X	X		
CIRTL MOOC: Advancing Learning Through Evidence-based STEM Teaching	Statement of completion	TBA				X	X					
CIRTL Course: Diversity in the College Classroom	Case Study	Oct 2-Dec 6				X						
CIRTL Course: Teaching with Technology	Technology Plan	Oct 2-Dec 6									X	
CIRTL Workshop: Finding and Evaluating Educational Literature (2-part workshop; attend both sessions)	Written Assignment	Oct 20 & 27 2:00-3:30		X								
CIRTL Workshop: Leveraging Open Source Principles and Resources for Teaching and Learning in STEM (2 part workshop; attend both)	Technology Plan	Nov 10 & 17 2:00-4:00									X	
CIRTL Workshop: Teaching Inclusively	Case Study	Dec 5 1:00-3:00				X						
Lynda.gatech.edu: Writing Effective Learning Objectives	Written Assignment	On Demand							X			
Lynda.gatech.edu: Found. of Teaching with Tech	Technology Plan; Case Study	On Demand									X	X

Tech to Teaching Capstone

After the foundation level is complete, participants enroll in the Tech to Teaching Capstone. The capstone can be completed as a co-instructor or instructor of record, and may be completed for credit (CETL 8715 or CETL 8719) or not-for-credit. Participants complete the Tech to Teaching Capstone Application to enroll.