Tech to Teaching – Foundation Level Pathways Matrix
2022-2023

Georgia | Center for
Tech | 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	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 Postdoc Course: Fundamentals of Teaching and Learning (non-credit)	Canvas assignments	Spring only	X	X	X	X	X	X	X	X	X	X
CTL Course: CETL 8000 Graduate Teaching Assistant Preparation	Exempt	Fall, Spring					X					
BME 7004: Teaching & Research Practicum I	Dept confirmation	Fall	X			X	X	X	X			
ISyE 8802: Fundamentals of Teaching & Learning	Dept confirmation	Spring	X		X	X	X	X				
CTL Workshop: How Learning Works	Canvas Assignment	Sept 22	X									
CTL Workshop: Universal Design for Learning	Canvas Assignment	Oct 6										X
CTL Workshop: Teaching with Technology	Canvas Assignment	Oct 20									X	
CTL Workshop: Writing Learning Outcomes	Canvas Assignment	Nov 3							X			
CTL Workshop: Measuring Learning	Canvas Assignment	Nov 17								X		
CTL Workshop: Student Motivation for Learning	Canvas Assignment	Feb 2			X							
CTL Workshop: Inclusive Teaching	Canvas Assignment	Feb 16				X						
CTL Workshop: Evidence-based Teaching	Canvas Assignment	Mar 2					X					
CTL Workshop: Classroom Assessment Techniques	Canvas Assignment	Mar 16						X				
CTL Independent Project: Teaching & learning article review	Canvas Assignment	Independent Study		X								

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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.

Georgia Tech is an institutional member of CIRTL, the Center for the Integration of Research, Teaching and Learning, which provides courses, workshops, and presentations on a variety of teaching and learning topics. Register for free access at www.CIRTL.net to access the resource. CIRTL provides a letter of completion for courses; submit the associated Canvas assignment for workshops.

CIRTL On-line Program Options	Evidence of Learning	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 | Self-paced, asynchronous	CIRTL letter	Fall & Summer	X		X	X	X		X	X		
CIRTL MOOC: Advancing Learning through Evidence-Based STEM Teaching | Self-paced, asynchronous	CIRTL letter	Begins Jan 30				X	X		X			
CIRTL-affiliated Inclusive STEM Teaching Project	Letter from ISTP	Fall, Spring, Summer				X	X	X	X	X		X
CIRTL Short Course: Laying the Foundations for a Successful Teaching Career | 5-week synchronous	Canvas Assignment	Register by 1/20							X	X		
CIRTL Workshop: Getting Started with Universal Design for Learning	Canvas Assignment	Nov 2 & 9				X						X
CIRTL Workshop: Ethical Dilemmas in Inclusive Teaching: A Case Discussion	Canvas Assignment	Dec 5				X						
CIRTL Workshop: Supporting Neurodivergent Students	Canvas Assignment	Sept 28 - full				X	X					

Georgia Tech also maintains free access to LinkedIn Learning at linkedinlearning.gatech.edu. Sign in with your Georgia Tech credentials for access to the teaching and learning resources listed here. Submit the associated Canvas assignment for LinkedIn Learning courses.

LinkedInLearning On-line Program Options	Evidence of Learning	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
LinkedIn Learning: Writing Effective Learning Objectives	Canvas Assignment	On Demand							X			
LinkedIn Learning: Create Effective Learning Assessments	Canvas Assignment	On Demand								X		
LinkedIn Learning: Teaching with Technology	Canvas Assignment	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.