

---

**Time & Location:**

Tuesdays  
January 8 – February 12\*  
4:00-5:30 PM  
CULC 125\*\*

**Instructor:**

Dr. Ruth Poproski  
Assistant Director, CTL  
CULC 457  
[ruth.poproski@gatech.edu](mailto:ruth.poproski@gatech.edu)

---

\*Please hold February 19<sup>th</sup> as alternate date, in case of campus closure or other class cancelation.

\*\*Location may change after Week 1, if the registrar needs our room for an undergraduate class.

---

**Course Description:**

This six-week series is intended to engage you with evidence-based principles for teaching and learning in higher education, acquainting you with research about how people learn and who our students are. We will start with an examination of how learning works, and move through a variety of key issues in teaching and learning. By the end of the series you should be able to describe teaching methods that (1) engage students of all types, (2) promote knowledge, retention, transfer, and mastery, and (3) contribute to student motivation for learning. Ultimately, this will help to establish a foundation on which you can draw as you move toward the next phase in your career.



Completion of this series will also prepare you to complete learning outcomes F1, F2, and F5.2 in the [Tech to Teaching](#) program. Please see page 3 for more information on this feature of the series.

A second six-week series will be held during the second half of the semester, with a focus on effective course design. For those who are interested, completion of this second series will also prepare you to complete learning outcomes F3, F4, and F5.1 in the Tech to Teaching program.

---

**Logistics & Other Information****Communication**

If you are unable to attend a session, or if your plans change and you do not expect to complete the series, please let us know! The best way to do so is to email me via [ruth.poproski@gatech.edu](mailto:ruth.poproski@gatech.edu).

**Course Materials**

Please visit (and bookmark!) <http://ctl.gatech.edu/PD-Fundamentals> to access information and materials related to this series.

**Food & Drink**

You are welcome to bring food and/or drink to class, but please clean up after yourself, and try to bring things that won't distract you or others from participation and engagement during class.

**Mobile Devices & Other Distractions**

For the purposes of creating a fruitful learning environment, please restrict your use of mobile devices (e.g., laptops, phones, and tablets) to class-related activity.

## 2018 Schedule

### Series Schedule

See <http://ctl.gatech.edu/PD-Fundamentals> for more resources and information.

Date	Topic
Jan. 8	<b>Welcome &amp; Introductions to...</b> <ul style="list-style-type: none"><li>• the course</li><li>• each other</li><li>• how learning works</li><li>• active learning</li></ul>
Jan. 15	<b>How Learning Works: From Novice to Expert</b> <ul style="list-style-type: none"><li>• stages of competence &amp; the expert blind spot</li><li>• activating prior knowledge</li><li>• organization of knowledge</li><li>• progress toward mastery</li><li>• transfer</li></ul>
Jan. 22	<b>Motivating and Engaging Students</b> <ul style="list-style-type: none"><li>• research-based principles of motivation for learning</li><li>• contextual differences &amp; practical triggers for student motivation</li></ul>
Jan. 29	<b>Cultivating a Constructive Course Climate for Diverse Learners</b> <ul style="list-style-type: none"><li>• inclusion as a principle of effective teaching</li><li>• barriers faced by underrepresented/minority students</li><li>• needs of Generation Z learners</li><li>• principles of <i>Universal Design for Learning</i></li></ul>
Feb. 5	<b>Applying the Theory: Teaching Classes Large &amp; Small</b> <ul style="list-style-type: none"><li>• preparing &amp; delivering effective lectures</li><li>• use of visual aids and technology for teaching</li><li>• maintaining student attention</li></ul>
Feb. 12	<b>Applying the Theory: Writing Your Teaching Statement</b>
Feb. 19	<b>Overflow day:</b> in case of campus closure or other unexpected cancellation, we will shift everything forward and use February 19 <sup>th</sup> for the overflow.

## Tech to Teaching

If you would like to use this series toward your completion of the *foundations* level certificate in [Tech to Teaching](#), you will need to do the following:

1. Complete the [Tech to Teaching Interest Form](#) (by January 11<sup>th</sup>);
2. Attend at least five of our six Tuesday meetings;
3. Complete a series of written assignments to demonstrate your grasp of key principles in the foundations of teaching and learning in higher education.

Each learning outcome is associated with a separate assignment, which you can view in full via our course site (<http://ctl.gatech.edu/PD-Fundamentals>). Each assignment should be submitted according to the following schedule, *after* we have covered the content in class:<sup>1</sup>

Learning Outcome	Assignment	Due Date
<b>F1.1</b> Describe teaching methods that promote knowledge, retention, transfer, and mastery	Define key terms and explain how to apply the principles of how learning works to teaching in your discipline.	Friday, January 25 <sup>th</sup>
<b>F1.2</b> Analyze discipline-specific scholarship of teaching and learning literature	Summarize a published study on teaching in your discipline, & describe how you might use the information in a course you might teach.	Friday, March 1 <sup>st</sup>
<b>F2.1</b> Describe strategies for motivating students with different goals	Respond to a case study using research on motivation for learning.	Friday, February 8 <sup>th</sup>
<b>F2.2</b> Describe strategies for creating an inclusive classroom	Identify specific ways to increase the inclusiveness of your own courses and teaching.	Friday, February 15 <sup>th</sup>
<b>F5.2</b> Explain principles of <i>Universal Design for Learning</i> (UDL)	Explain how you will incorporate the principles of UDL into your own teaching.	Friday, February 15 <sup>th</sup>

You will receive credit for each of the assignments you complete on schedule. For any remaining learning outcomes, you will be invited to coordinate with our Tech to Teaching staff to continue your progress.

<sup>1</sup> In case of campus closure or other class cancelation, we'll adjust each of these deadlines in coordination with our overall change in schedule.