



## Summer 2016 Course Offerings

CTL empowers teachers of every academic and cultural background to effectively teach K -12 mathematics and science to all students with the Progressive Science Initiative® (PSI®) and the Progressive Mathematics Initiative® (PMI®).

Get started this summer and join the CTL teacher empowerment movement by strengthening your content knowledge or by earning a physics or chemistry endorsement.

### Professional Development or Endorsement

Course Name & Descriptions	Location & Times	Credits	Cost
<b>Learning and Teaching PSI Algebra-Based Physics:</b> Teachers will learn the content, and how to teach the content, of Algebra-Based Physics using the PSI approaches towards curriculum, pedagogy, technology, and assessment.	Teterboro, NJ or Woodbury Heights, NJ  June 27-July 28 Monday-Thursday 8:00-2:30	9 credits	\$2340
<b>Learning and Teaching PSI Chemistry:</b> Teachers will learn the content, and how to teach the content, of Chemistry using the PSI approaches towards curriculum, pedagogy, technology, and assessment.	Teterboro, NJ or Woodbury Heights, NJ  June 27-July 28 Monday-Thursday 8:00-2:30	9 credits	\$2340

### Professional Development

Course Name & Descriptions	Location & Times	Credits	Cost
<b>Teaching Advanced Placement Physics 1:</b> This course is for new and experienced AP Physics teachers and provides concrete strategies and practices for teaching the topics and labs of AP Physics 1.	Teterboro, NJ  July 11-15 Monday-Thursday 8:00-4:30 Friday 8:00-2:30	3 credits	\$780
<b>Teaching Advanced Placement Physics 2:</b> This course is for new and experienced AP Physics teachers and provides concrete strategies and practices for teaching the topics and labs of AP Physics 2.	Teterboro, NJ  July 18-22 Monday-Thursday 8:00-4:30 Friday 8:00-2:30	3 credits	\$780



Course Name & Descriptions	Location & Times	Credits	Cost
<b>Learning and Teaching Advanced Placement Physics C - Mechanics:</b> Physics teachers who are new to Calculus-Based Physics, or who want to learn new strategies for teaching AP Physics C, will learn the content, and how to teach the content, of AP Physics C: Mechanics using the PSI approaches towards curriculum, pedagogy, technology, and assessment.	Teterboro, NJ  June 27-July 28 Monday-Thursday 8:00-2:30	9 credits	\$2340
<b>Learning and Teaching PSI Algebra-Based Physics Labs:</b> This course gives teachers the hands-on opportunity to practice the lab setups from the Mechanics and Electricity & Magnetism sections of the PSI Algebra-Based Physics course, while also performing the labs from a student perspective.	Teterboro, NJ  June 27-June 30 Monday-Thursday 8:00-2:30	2 credits	\$520
<b>PSI-PMI Methods and Pedagogy:</b> Teachers will learn best practices for curriculum, pedagogy, technology, formative and summative assessment, grading, and pacing and how those are woven together to create a highly effective teaching and learning environment.	NJEA: Trenton, NJ 8:00-2:30  June 28-29 or August 23-24	No credit	\$360

While CTL is not accredited, its partner Adams State University offers graduate credits for certain courses at an additional cost of \$55 per credit. CTL has also partnered with Adams State University to provide a pathway to a Master of Arts in Education with Curriculum and Instruction.

Please visit <https://njctl.org/teacher-education/> to learn more.

Please visit <https://njctl.org/teacher-education/application/> to register.

Contact: Michelle@njctl.org

