



Center for Teaching and Learning

## PSI Chemistry – NJ Endorsement Program Begin Teaching Chemistry by September

### Learn to Teach Chemistry

The nonprofit New Jersey Center for Teaching and Learning® (CTL) is an international leader in closing the gap between the number of STEM teachers needed and the teaching supply. CTL's Progressive Science Initiative® (PSI®) Chemistry - New Jersey Endorsement program takes New Jersey teachers already certified in another content area and turns them into certified chemistry teachers. Coursework begins in July and teachers start teaching PSI Chemistry in their own classrooms in September, filling a critical need for many schools. More than 29 teachers have completed this chemistry endorsement program since 2010.

### What is the PSI?

PSI is a highly successful approach built by teachers for teachers that has been shown to drive major gains in student achievement in math and science. Physics provides the foundation for chemistry and, together with chemistry, the foundation for biology.

PSI relies on technology to allow teams of teachers to create, share, and improve courses. Those courses are designed to be delivered to the classroom by use of an interactive whiteboard and student responders. Materials can also be delivered to personal electronic devices, or printed for off-campus use. Courseware contains instructional presentations, homework, labs, and assessments, removing the stress and complexity of preparing lesson plans in isolation and making learning more fun.

The pedagogical methods used interweave direct instruction and social constructivism guided by the use of frequent, real-time formative assessment. All PSI curriculum materials are open-source and available at [www.njctl.org](http://www.njctl.org). These materials are free to any teacher, school or district.

### Who is this Program For?

This program is open to any New Jersey teacher who:

- Has Passed the PSI Algebra-Based Physics for Teachers exam, or
- Passed the Physics Praxis, or
- Is already a certified chemistry teacher and wishes to explore a new approach to teaching and learning.

Participating teachers must teach a minimum of one section of PSI Chemistry during the full 2013-14 academic year while taking the remainder of their coursework through CTL. This is permitted, and required, by the NJ Department of Education as part of the PSI Chemistry Endorsement program.

### Schedules and Location

This course is offered at Perth Amboy High School which is located at 300 Eagle Ave., Perth Amboy, NJ. The summer component of the coursework starts on July 8 and runs through August 1 (see below for the full summer schedule). Coursework resumes in September and runs through May 2014, meeting approximately one night a week for 2.5 hours and approximately every third Saturday for six hours.

Summer Schedule:

July 8 – 12, 15-19, 22-26, 29-31, from 9 am – 3 pm

August 1, from 9 am – 3 pm

### What is the Cost?

**\$7,020 for the entire program (only \$2,340 for the summer)**

PSI Chemistry for Teachers costs \$2,340 while the entire PSI Chemistry Endorsement program costs only \$7,020 for teachers who qualify to skip the physics requirement. Coursework will be invoiced prior to each semester of coursework.

For more information on when payments are due, [view the tuition schedule](#) on njctl.org.

### Inquiries and Enrollment

To learn more about enrollment, additional professional development, the CTL New Jersey endorsement program, graduate credit or continuing education considerations, email [courses@njctl.org](mailto:courses@njctl.org).

### State and District Inquiries

CTL works hard to customize its training programs to meet specific professional development needs. Email CTL at [courses@njctl.org](mailto:courses@njctl.org) to learn how easy it is to bring trainers to your area, or to work with CTL to shape custom training options.