



## SCIENCE, TECHNOLOGY, ENGINEERING AND MATH AT PENN STATE ERIE, THE BEHREND COLLEGE

### Professional Development Courses for Teachers:

Computer Applications for Math/Science Teachers	1 graduate credit
Genomics-Examining the Human Genome	1 graduate credit
Intro to LEGO Robotics	1 graduate credit
Math in Personal Finance Using Excel	1 graduate credit
Nanotechnology	1 graduate credit
Truss Bridge Design	1 graduate credit
Forensic Investigations in the Science Classroom	1 graduate credit
Probability and Statistics in Math/Science Classrooms	1 graduate credit
Electricity and Electronics for the Nonengineer	1 graduate credit
Extraordinary Chemistry for the Ordinary Classroom	1 graduate credit
Electricity and Electronics Track: K-9	1 graduate credit
Engineering Explorations Track: K-9	1 graduate credit
Nanotechnology Applications Track: Grades 5-12	1 graduate credit
Physics and Math of NASCAR racing Track: K-9	1 graduate credit
Intro to LEGO Robotics Grades 5-12	1 graduate credit
Computer Games and Animation Track Grades 5-12	1 graduate credit
The Human Genome Track: Grades 5-12	1 graduate credit
Nanotechnology Applications	non credit – 6 hours
Math in Healthcare	non credit – 6 hours
CAD Systems in the Workplace	non credit - 6 hours
Renewable Energy Technology	non-credit – 3 hours
Wind Energy Generation	non-credit – 3 hours

*Additional courses for teachers can be developed and customized*

*For course and program descriptions, visit  
Penn State Behrend's Continuing Education website at  
[www.behrend.psu.edu/cde](http://www.behrend.psu.edu/cde)*