

Project Share Online Course
This course will be managed at the state level.

Title of Course:	TEA Engineering Mathematics: Part 1 TEA Engineering Mathematics: Part 2 TEA Engineering Mathematics: Part 3 TEA Engineering Mathematics: Part 4 TEA Engineering Mathematics: Part 5 TEA Engineering Mathematics: Part 6
Description:	This professional development course is designed to prepare teachers to teach §130.367 Engineering Mathematics. This course provides educators with an understanding of mathematics associated with various engineering concepts. Throughout this course, participants will use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. There are 6 sections of Engineering Mathematics. It is recommended that course sections be taken in order. Course access code is provided below. For additional information, send an email to projectshare@tea.state.tx.us or contact your regional education service center (ESC). CPE credit is 15 hours for each section.
Keywords:	CTE, Career and Technical Education, Engineering Mathematics
Course Details	
Audience:	All teachers assigned to teach Engineering Mathematics must participate in this Texas Education Agency (TEA)-approved training prior to teaching the course effective with the 2012-2013 school year. Teachers who were assigned to teach this course in 2010-2011 and/or 2011-2012 will have 12 months from the date the course is first offered to meet the TEA-approved training requirement. For teachers who have not previously taught this course, once a district has confirmed that a teacher is enrolled in and making progress toward the completion of the online PD course, the district may assign the teacher to teach the high school course.
Type of course:	Self-paced
Credits:	CPE credit is 15 hours per section
Course information:	TEA Engineering Mathematics: Part 1 http://www.epsilen.com/crs/12112259 Quizzes: 3 TEA Engineering Mathematics: Part 2 http://www.epsilen.com/crs/12112263 Quizzes: 1 TEA Engineering Mathematics: Part 3 http://www.epsilen.com/crs/12112270 Quizzes: 1 TEA Engineering Mathematics: Part 4 http://www.epsilen.com/crs/12112274 Quizzes: 1 TEA Engineering Mathematics: Part 5 http://www.epsilen.com/crs/12112277 Quizzes: 1 TEA Engineering Mathematics: Part 6 http://www.epsilen.com/crs/12112278 Quizzes: 1
Estimated length:	15 hours per section
Start date:	August 13, 2012
Access Code:	engmath