MAT110 : APPLIED MATHEMATICS

This course provides students with an introduction and review of basic mathematical concepts by associating math with events that occur in their lives and on the job site. The course is designed to develop and reinforce students' mathematical reasoning abilities. It also builds a knowledge basis for students, which they can apply in the classroom and workplace. Whole numbers, fractions, decimals, and percentages are introduced, reviewed, and applied to life and job site events. Measurement in English and metrics are introduced and calculated. Pre-algebra and algebra concepts are explained, reviewed, and used to solve problems and equations. Practical plane geometry, solid figures, triangle trigonometry, and trigonometric ratio are introduced, discussed, and computed. Statistical analysis is introduced and calculated.

Quarter Credits	**4**
Lab Hours	**40**
Lecture Hours	**20**
Prerequisites	**None**