

Embedded Technical Math Syllabus

Course Information

Embedded Tech Math is a course designed to help students from Grand River Technical School's sending schools earn a math credit while learning how the math will be used in their career or technical area of study. Since this is an online class taken through our Moodle software, Mrs. Burtch must be notified of all enrollments so the student can be given access to the website and course materials.

Course Title: Embedded Technical Math

Course Number: 115825

Credit Hours: ½ math credit will be received for each year with a maximum of 1 credit hour

Prerequisites: Students must be enrolled in a CTE class at Grand River Technical School

Permission from sending school administrator and/or counselor

Location and time: This class is designed to be taken over the internet except for tests which must be taken with an approved proctor or with Mrs. Burtch.

Instructor Information

Nancy Burtch

1200 Fair St

Chillicothe, MO 64601

660-646-3414

nburtch@grts.org

My room is room 113 in Grand River Technical School. Assignments will be done over the internet. If internet access is a problem, please talk to me and we will find a solution. The class is set up in Moodle which will allow us to leave messages for each other or you can email me at the address above. Feel free to stop by my room and discuss any problems you are having.

Text, Readings, Materials

This Moodle class will use web pages, power point slide shows, or included text for student information so no textbook is needed. You may want a calculator for units after the first unit.

Course Description

Embedded Technical Math is designed to review the math skills needed on employment tests and give students math skills specific to their career or technical area of study. Additional topics will be included to prepare students for the math classes they must take to complete a 1 or 2 year degree.

Course Calendar

Year 1

Basic Operations – all assignments completed and exam passed by October 14, 2011

Ratio/Proportions/Percents - all assignments completed and exam passed by December 16, 2011

Measurement - all assignments completed and exam passed by March 9, 2012

Geometry - all assignments completed and exam passed by April 27, 2012

Final exam – passed by April 30, 2012

Students are permitted to work ahead of this schedule and complete the final exam when ready.

Year 2

Algebra

Statistics

Area/Volume/Perimeter

Additional Technical Skills

Final exam

Course Policies

Students must complete all assignments before taking the exam for each unit.

Remember YOU must take the exams with myself or an approved proctor so it would be wise to do your own assignments so you are prepared for the exams.

Grading

Assignments will be 40% of your grade

Exams will be 60% of your grade

The grade will be for report card purposes—you must pass all exams, including the final, with a 75% or better to receive credit!