|  |  |
| --- | --- |
| **Course title:**  Tech Math | **Recommended Course Number:** |
| **Recommended Credit Hours:** | **Recommended Course Prerequisites and/or Co-requisites:** |
| **Next Course in Sequence:** |

|  |
| --- |
| **Purpose of Course:**  To prepare students with relevant math skills to help them be successful in their major/careers |
| **Intended Audience:**  Students in tech programs (disciplines)/ certificates |
| **Course Description:**  This course will provide students with the concepts, principles, and problem-solving techniques and skills need in diverse occupational fields. |
| **Course Major Units:**   * Proportions * Percentage * Measurement * Algebra, trig and stats, geometry |
| **Learning Outcomes:**  Students will be able to:   * Calculate the basic trigonometric functions of an angle and use the inverse trigonometric functions to find angle * Solve right triangles using trig ratios and Pythagoras theorem * Convert between radius and degrees * Convert decimals degrees to degrees, minutes, seconds, and vice versa * Solve applied problems and verify solutions |
| **Comments:**  Includes conversions- yes!  Just right angle trig? Yes!  Is this QR but tech trades applications?  Clarification on stats: mean, median & model only? Yup!  Which algebra topics? Linear quadratic?  Geometry topics? Oops!  Include standard deviation discussion  Inverse variations? Yes!  Purpose, descriptions seems too similar to QR.  Problems related to programs? Of course!  Too specific learning goals except last one  Too general last one!  Define basic definitions |