

Mth 078: Applied Trigonometry
(Individualized Sections)

MODULE ONE STUDY GUIDE

FUNDAMENTALS OF TRIGONOMETRY

Assignment One: Some Preliminary Topics

- A. Study pages 141 - 151 in your textbook. Do the practice exercises; check answers on page 248.
- B. Additional practice: do some odd numbers as needed on pages 150 - 151 ; check answers on page 249.
- C. **Assignment One:** Do even numbers on pages 150 - 151.

Assignment Two: The Trigonometric Ratios

- A. Study pages 152 - 162 in your textbook. Do the practice exercises; check answers on page 248.
- B. Additional practice: do some odd numbers as needed on pages 161 - 162 ; check answers on page 249.
- C. **Assignment Two:** Do even numbers on pages 161 - 162.

Assignment Three: Trigonometric Ratios of Acute Angles

- A. Study pages 163 - 174 in your textbook. Do the practice exercises; check answers on pages 248-249.
- B. Additional practice: do some odd numbers as needed on pages 173 - 174 ; check answers on page 249.
- C. **Assignment Three:** Do even numbers on pages 173 - 174.

Assignment Four: Solving Right Triangles

- A. Study pages 175 - 186 in your textbook. Do the practice exercises; check answers on page 249
- B. Additional practice: do some odd numbers as needed on pages 185 - 186 ; check answers on page 249.
- C. **Assignment Four:** Do even numbers on pages 185 - 186.

Review Assignment: Do the module one review assignment available in the mathematics learning center and turn it in to an instructor for grading.

Module Test: After successfully completing the four assignments and the review assignment, ask an instructor for a module one test.