

## MAC 1114 EXAM I TOPICS (65 points)

(Mon., Wed., Fri. only)

- 7.1 ① degrees, minutes, seconds  $\leftrightarrow$  decimal degrees (5)
- 7.1 ② radian-degree conversions;  $s = r\theta$  (10)
- 7.2 ③ Finding values of trig. functions and using identities; complementary angles. (10)
- 7.3 ④ calculator and exact trig. evaluations (10)
- 9.1 ⑤ solving right triangles (5)
- 9.1 ⑥ right triangle word problem (5)
- 7.4 ⑦ Finding the values of the other 5 trig. functions, in a specified quadrant, given the value of one trig. function. (10)
- 7.4 ⑧ trig. values of special angles in other quadrants. (5)
- 7.5 ⑨ unit circle (5)