

MAC 1114 EXAM II TOPICS (70 points)
(Mon., Wed., Fri. only)

- 7.7 ① Graph 2 basic trig. functions (10)
- 7.7, 7.8 ② Modified sec, csc, tan, or cot graph (5)
- 7.6, 7.8 ③ Modified sine or cosine graph (10)
- 8.1, 8.2 ④ Inverse trig. functions (10)
- 8.4 ⑤ Prove an identity (10)
- 8.5 ⑥ Using sum and difference formulas (15)
- 8.5 ⑦ Derive $\tan(x+y)$ or $\tan(x-y)$. (10)

Point values are in parentheses.

Section numbers refer to 9th edition.