**CMGT 235 – Electrical and Mechanical Systems**

**Homework #25** – Size OCP and Conductor for a Continuous Load

Due: 11/18/2021

Points: 20

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What size feeder **overcurrent protection device** and **conductor** (THHN) are required for a 184A continuous load on a panelboard (75°C terminals)?

Note:

Size the overcurrent device in accordance with NEC 215.3 and 240.6(A)

Select the conductor to comply with NEC 215.2