

AEEN/CEEN 3304 Homework 6

1. Read chapter 26 of the ACI-318-19 code and answer the questions below.
 - 1) Acceptance criteria for **steel** reinforcement
 - a. Read Section 26.6.2
 - b. What are the tolerances on d
 - c. What are the compliance requirements for:
 - i. (a) Reinforcement?
 - ii. (b) Spirals?
 - iii. (c) Splices?
 - iv. (d) Longitudinal column bars?
 - 2) Acceptance criteria for **concrete** compressive strength
 - a. Read Sections 26.12.1, 26.12.2, and 26.12.3
 - b. What is a strength test?
 - c. Who can perform fresh concrete tests?
 - d. Who can perform laboratory concrete tests?
 - e. Should the licensed professional should have access to concrete acceptance test results?
 - f. Who else should have access to concrete acceptance test results?
 - g. How do we know when the strength level of a concrete mixture is acceptable?
 - h. What needs to be done if concrete strength is not acceptable?