

# CARP 122B : Concrete Forms I

**Credits:** 3

**Class Hours:** 1 lecture and 4 lecture/lab

**Description:** This course focuses on the theory of concrete form construction. Topics include the study of concrete and concrete products, and the differences between concrete and cement. Students will study on the job site safety, and the safety hazards associated with working with concrete and cement.

**Semester Offered:** Fall (every even year)

**Course Student Learning Outcomes (CSLOs):**

1. Distinguish the difference between concrete and cement.
2. Explain the safety hazards of working with cement and the proper safety precautions that should be taken when working with cement.
3. Explain the safety hazards of working with concrete, and the proper safety precautions that should be taken when working with concrete.
4. Determine the proper "Personal Protective Equipment" required for various tools when working with concrete and cement.
5. Utilize a tape measure to make accurate cuts.
6. Manipulate formulas to calculate various job site requirements related to concrete.