

## **TEACHING EXPERIENCE**

### **a) Under-graduate:**

#### **At King Saud University: (2005-present):**

Taught several courses, supervised and participated in the examination committees of many graduation projects.

#### **Courses taught include:**

1. CE 306: Properties and Testing of Structural Materials.
2. CE 471: Reinforced Concrete Design I.
3. CE 302: Mechanics of Materials.
4. GE 201: Statics.
5. GE 404: Engineering Management.
6. CE 304: Properties and Testing of Concrete.
7. CE 303: Properties of Engineering Materials.
8. CE 370: Reinforced Concrete Design I.
9. CE 363: Basics of Concrete Structures for Surveying Students.
10. CE 498, CE 496: Graduation Project I.
11. CE 499, CE 497: Graduation Project II

#### **At Jordan University of Science & Technology: (1998 - 2005)**

Taught several courses, supervised and participated in the examination committees of many graduation projects.

#### **Courses taught include:**

1. CE 432, Reinforced Concrete Design.
2. CE 332, Structural Analysis.
3. CE 324, Construction Materials.
4. CE 231, Structural Analysis for architecture students.
5. CE 321, Materials Science.
6. CE 323, Materials Science Laboratory.
7. CE 326, Materials Construction Laboratory.
8. CE 200, Engineering Drawing.

### **b) Post-Graduate:**

Taught several courses, supervised and participated in the examination committees of many graduate students including Master and PhD.

#### **Courses taught include:**

1. CE 577: Concrete Technology.
2. CE 721, Advanced Concrete Technology.
3. CE 521, Advanced construction materials.

#### **Completed Master Thesis under my supervision and co-supervision at King Saud University, Include:**

1. Effect of recycled plastic fibers on plastic shrinkage of concrete, 2012.

2. Structural behavior of reinforced concrete beams using local Lightweight Aggregates, 2015.
3. Behavior of high strength steel fiber reinforced concrete ground slabs, 2016.
4. PhD thesis on bond behavior of steel rebars in high strength concrete considering corrosion and Cyclic loading, 2018.

Completed Master Thesis under my supervision and co-supervision at Jordan University of Science and Technology, (1998-2005) Include:

1. Strengthening of light weight reinforced concrete beams in flexure, 2010.
2. Shear-Retrofit of Lightweight Reinforced Concrete Beams, 2010.
3. Structural Seismic Behavior of Beam-Column Joints Using High Performance Concrete, 2003.
4. Structural behavior of repaired reinforced concrete beams undergoing reinforcement corrosion, 2003.
5. Strengthening shear-deficient reinforced concrete beams using steel fiber reinforced concrete, 2002.
6. Improving the structural seismic behavior of non-seismically designed beam-column joints using fiber reinforced concrete, 2002.
7. Structural behavior of retrofitted shear-deficient reinforced concrete beams, 2000.
8. Structural seismic behavior of retrofitted reinforced concrete beam-column joints, 2000.
9. Repair of Reinforced Concrete Beams Damaged by Alkali-Silica Reaction, 2008.
10. Repair of heat-damaged reinforced concrete T-beams using FRC jackets, 2007.
11. Repair of heat-damaged RC shallow beams using advanced composites, 2007.