

The Department of Civil and Environmental Engineering at the University of Houston presents...

CIVE 6111 Graduate Seminar

Modifying Existing Buildings



Doug Antwiler, Senior Structural Forensic Specialist
IMEG Corp.

Friday, March 03, 2023

2:45pm-3:45pm

Classroom Business Building (CBB) - Room 104

Zoom: <https://uh-edu-cougarnet.zoom.us/j/94589160391>

Abstract

This presentation explores current building code requirements for making modifications to existing buildings. Several real-world examples of proposed modifications to buildings are presented and the impact of these modifications on the final building design are discussed. Finally, general guidance on how to begin an evaluation or modification of an existing structure is provided.

Bio

Doug serves as Senior Structural Forensics Specialist for IMEG in Houston. He has 27 years of experience as a structural engineer, specializing in the forensic investigation, testing, analysis, repair and modification of existing concrete, steel, wood and masonry structures. His expertise includes historical and industrial structures within refining, chemical processing and manufacturing facilities, as well as commercial, retail, parking and educational facilities. Doug's comprehensive assessments lead to innovative, cost-effective and buildable solutions.