Introduction to Close-Range Photogrammetry

Course Title: CENG 5436 / CENG 5436G

Pre-requisite: Approval of the Instructor.

Course Description

This course presents a thorough introduction to close-range photogrammetry and its multiple applications in Civil and Construction Engineering. It includes the use of selected, state-of-the-art, unmanned aerial vehicles (UAVs) and associated data collection and processing software packages to generate 3D spatial models. Graduate students will be required to complete individual advanced level research in an area beyond the scope of the undergraduate requirements that demonstrates a higher level of mastery in the subject matter with additional required deliverables representative of graduate level work, as determined by the instructor.

(CENG 5436G) Graduate version requires a research component.

Credit Hours: 3
Lecture Hours: 2
Lab Hours: 2
Instructor: Dr. Gustavo Maldonado
Class Schedule: TBA