

CE 439 Project Submission

Due: November 15, 2019, by 5.00 pm, JD 3307 or JD 4507 (Civil Eng. Department Office)

Requirements of the Project Report Submission:

A. Report:

- (i) Description of the project (not more than 1 page)
- (ii) Design Philosophy (both gravity & lateral) (not more than 1 page)
- (iii) Gravity beam & column design summary (from RAM) (as required).

B. Drawings:

- 1. Architectural Plan;
- 2. Structural Plan (2-D & 3-D Plans from RAM modeler);
- 3. Gravity Beam Design (RAM plan with beam sizes) ---- [On the beam design module → Report → Map Floor]
- 4. Gravity Column Design (RAM plan with column sizes) [On the column design module → file → print]
- 5. Lateral Frame Design (Lateral column & beam sizes) [On the frame analysis module → file → print with lateral column & beam sizes]
- 6. Foundation Design (foundation plan with sizes)