

DEPARTMENT OF CIVIL ENGINEERING
ITER, SoA University
Reinforced Concrete Design (CVL4121)
Minor Assignment 8
Deadline - 7 April 2017 9PM

Question 1

Redesign flexural and shear reinforcement for beam given in [Minor Assignment 5](#) if a twisting moment of 200kN-m is applied in addition to previous design moment. *Refer clause 41 and Example 7.4 for guidance.*

Question 2

Design compression reinforcement for a column of dimensions $5m \times 400mm \times 400mm$ subjected to 1500kN load. Both ends of column are equivalent to pin joints. *Refer clause 39 and Example 13.3/13.4 for guidance. Exposure condition will be same as Question 1.*

[Submission Link](#)