

Introduction to Infrastructural Engineering

Course Information

by

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Chapter Description

- Aims
- The course covers on introduction to civil engineering
- Planning for civil engineering project, structural and
- Infrastructural design, project BQ and cost estimation,
- Project report and engineering drawing, IT as value added in project development and implementation....



Course Outcomes

- **Expected Outcomes**
 - Using available examples, sketches, phrases and pictures to demonstrate understanding about infrastructure engineering
 - Applying planning principles to generate ideas for infrastructure engineering projects
 - Executing conceptual design for structural and infrastructural projects



References

- A Brief introduction to Engineering, Oakes et al., 2009 ed, Oxford University press
- Guidelines for presentations of engineering drawings JKR 1993
- Application for the Installation of Public Utility Services within Road Reserve, JKR, 1993
- Multimedia material in MPG, 2015
- Lecturer's notes (2016)



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