### CV0001 CIVIL ENGRG AND SUSTAINABLE BUILT ENVIRONMENT

**Text**
To be decided by course lecturer

**Reference**
To be decided by course lecturer

### CV0002 ENGINEERS AND SOCIETY

**Text**
NIL

**References**

- Singapore, a 700-year history: from early emporium to world city / Kwa Chong Guan, Derek Heng, Tan Tai Yong. National Archives of Singapore, 2009. (DS610.4.K98)
- Lee Kuan Yew: hard truths to keep Singapore going / Han Fook Kwang / et al. Singapore: Straits Times. (DS610.73.L46L478K)

### CV1011 MECHANICS OF MATERIALS

**Text**

**References**

CV1012  FLUID MECHANICS

Text

References


CV1013  CIVIL ENGINEERING MATERIALS

Text

References


CV1711  CIVIL ENGINEERING DRAWING

Text
None

References
Official training courseware for AutoCAD - Autodesk


CV2011  STRUCTURAL ANALYSIS I

Text

References:


CV2012  STRUCTURAL ANALYSIS II

Text

References:

CV2013  ENGINEERING GEOLOGY & SOIL MECHANICS

Text


References


CV2014  GEOTECHNICAL ENGINEERING

Text

Reference

CV2015 HYDRAULICS

Text

Reference


CV2016 HYDROLOGY

Text


References


CV2019  MATRIX ALGEBRA & COMPUTATIONAL METHODS

Text


References


CV3011  REINFORCED CONCRETE DESIGN

Text

References


CV3012  STEEL DESIGN

Text

References


CV3013  FOUNDATION ENGINEERING

Text


Reference
NANYANG TECHNOLOGICAL UNIVERSITY
School of Civil and Environmental Engineering

Recommended Textbooks and References for
Civil Engineering Courses, AY 2018-19

(TA775.D229 2010)


**CV3014**  TRANSPORTATION ENGINEERING

**Text**

**Reference**

**CV3015**  ENVIRONMENTAL ENGINEERING

**Text**


**References**


**CV3016**  CONSTRUCTION TECHNOLOGY AND PROCESSES

**Text**
To be decided by course lecturer

**Reference**
To be decided by course lecturer

**CV4011**  PROJECT PLANNING & MANAGEMENT

**Text**
Nil

**References**


Recommended Textbooks and References for
Civil Engineering Courses, AY 2018-19

Professional Engineers Act, Planning Act and Building Control Act, Singapore, SNP.
(Note: PE Acts and Code of conducts & ethics can be read from: www.peb.gov.sg,
Planning and Building Control Act can be read from website: http://www.agc.gov.sg)


CV4101 STRUCTURAL ANALYSIS III

Text:

References:


CV4102 ADVANCED STEEL DESIGN

Text

References


CV4107 ENGINEERING ECONOMIC AND FINANCE

Text

References


CV4110  EXCAVATION AND RETAINING WALLS

Text  Nil

References  


CV4111  GROUND ENGINEERING

Text  Nil

References  


CV4112  TRAFFIC ENGINEERING

Text  Nil

References  


CV4113  HIGHWAY ENGINEERING

Text  

References  


CV4116  COASTAL ENGINEERING

Text  Nil

References  


CV4912  INTEGRATED DESIGN PROJECT

Text  Nil

References  

Environmental Aspect

3.  Guidelines for Pollution Control Study (PC) (http://www.nea.gov.sg/cms/pcd/pi_study.pdf)
5.  Guidelines and Checklists, National Parks, Board, Singapore

Structural Aspect


Construction Aspect

Recommended Textbooks and References for
Civil Engineering Courses, AY 2018-19

Geotechnical Aspect


CV8011 HUMAN RESOURCES MANAGEMENT AND ENTREPRENEURSHIP

Text Nil

References


