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.L46L478KY + 1 DVD)


CV1011  MECHANICS OF MATERIALS


References


NANYANG TECHNOLOGICAL UNIVERSITY
School of Civil and Environmental Engineering

Recommended Textbooks and References for
Civil Engineering Courses, AY 2019 -2020

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


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Civil Engineering Courses, AY 2019-2020

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 2019-2020

(TA775.D229 2010)


CV3014 TRANSPORTATION ENGINEERING

Text

Reference
(TE145.G213 2009)

CV3015 ENVIRONMENTAL ENGINEERING

Text

(TD345.V665 2009)

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


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) 
Guide on Construction of Industrial Developments in Singapore, BCA, 2010 

CV4101  STRUCTURAL ANALYSIS III

Text:

References:


CV4102  ADVANCED STEEL DESIGN

Text
Nil

References


CV4107  ENGINEERING ECONOMIC AND FINANCE

Text

References


NANYANG TECHNOLOGICAL UNIVERSITY  
School of Civil and Environmental Engineering

Recommended Textbooks and References for  
Civil Engineering Courses, AY 2019 -2020

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  


Recommended Textbooks and References for Civil Engineering Courses, AY 2019-2020


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

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Civil Engineering Courses, AY 2019 -2020

Geotechnical Aspect

   (TA775.D229 2010)

CV8011 HUMAN RESOURCES MANAGEMENT AND ENTREPRENEURSHIP

Text

Nil

References


