

YEAR THREE (3)

LEVEL 3 SEMESTER 2 (14 credits incl. year-long)

TWO OPTIONS FROM:

CVNG 3001	Structural Engineering (Prerequisites: CVNG 2001, CVNG 2006)	E3
CVNG 3004	Structural Dynamics (Prerequisite: CVNG 3002)	E3
CVNG 3006	Environmental Geotechnics (Prerequisite: CVNG 3005)	E3
CVNG 3008	Environmental Engineering II (Prerequisites: CVNG 2005, CVNG 3007)	E3
CVNG 3010	Transportation Engineering (Prerequisites: CVNG 3009)	E3
CVNG 3011	Pavement Design & Management (Prerequisite : CVNG 3009)	E3
CVNG 3013	Coastal Engineering (Prerequisite: CVNG 2005)	E3
ENGR 3001	Natural Hazards Management	E3
CVNG 3017	Offshore Geotechnical Engineering (Prerequisites: CVNG 2008, CVNG 2009)	E3

website: <http://sta.uwi.edu/eng/civil/index.asp>



THE UNIVERSITY OF THE WEST INDIES
St. Augustine, Trinidad and Tobago

DEPARTMENT OF
CIVIL AND ENVIRONMENTAL ENGINEERING

B.Sc. Civil Engineering



YEAR ONE (1)

LEVEL 1 SEMESTER 1 (16 credits)

CVNG 1000	Mechanics of Solids	E3
CVNG 1005	Science of Materials	E3
ENGR 1000	Introduction to Engineering	E2
CVNG 1007	Introduction to Geotechnical Engineering	C2
MATH 1180	Engineering Mathematics I	E3
CVNG 1009	Engineering Graphics	C3

LEVEL 1 SEMESTER 2 (17 credits)

CVNG 1001	Mechanics of Fluids I	E3
CVNG 1002	Civil Engineering Design I	C3
CVNG 1010	Information Technology for Engineers	E2
CVNG 1011	Geology	E3
CVNG 1012	Civil Engineering Law	E2
CVNG 1008	Building Services Engineering	E4

YEAR TWO (2)

LEVEL 2 SEMESTER 1 & 2 (year long)

CVNG 2003	Civil Engineering Design II(Prerequisite (CVNG 1002)	C3
CVNG 2006	Structural Design 1(Prerequisite (CVNG 1000)	C4

LEVEL 2 SEMESTER 1 (16 credits incl. year-long)

CVNG 2005	Mechanics of Fluids II (Prerequisite CVNG 1001)	E3
CVNG 2001	Structural Mechanics(Prerequisite CVNG 1000)	E3
CVNG 2008	Soil Mechanics I(Prerequisite (CVNG 1007)	E2
MATH 2230	Engineering Mathematics II (Prerequisite (MATH 1180)	E3
GEOM 2015	Geomatics for Civil & Environmental Engineers	E2

LEVEL 2 SEMESTER 2 (16 credits incl. year-long)

CVNG 2010	Civil Engineering Management	E3
CVNG 2011	Engineering Hydrology (Prerequisite: CVNG 2005)	E3
CVNG 2009	Soil Mechanics II (Prerequisite CVNG 2008)	E2
MATH 2240	Statistics	E2
GEOM 2007	Geomatics for Civil & Environmental Engineers	E2

YEAR THREE (3)

LEVEL 3 SEMESTER 1 & 2

CVNG 3014	Civil Engineering Design Project (Prerequisites: Normally all Level 1 and Level 2 Courses)	C6
CVNG 3015	Special Investigative Project (Prerequisites: Normally all Level 1 and Level 2 Courses)	C6

LEVEL 3 SEMESTER 1 (18 credits incl. year-long)

CVNG 3002	Structural Analysis (Prerequisites:CVNG 2001, CVNG 2006)	E3
CVNG 3005	Foundation Engineering (Prerequisites: CVNG 2008, CVNG 2009)	E3
CVNG 3007	Environmental Engineering I	E3
CVNG 3009	Highway Engineering (Prerequisites: MATH 2230, MATH 2240, CVNG 2003, CVNG 2009)	E3
CVNG 3003	Structural Design II (Prerequisite: CVNG 2001, CVNG 2006)	C2