__ T#: ____ Name: Term Admitted: _____ Advisor: _____ (Revised 01-14) TENNESSEE TECHNOLOGICAL UNIVERSITY **CIVIL ENGINEERING CURRICULUM** Junior CEE Senior CEE Freshman (BE or CEE) COLLEGE OF ENGINEERING Sophomore CEE (2) (3) (3) (3) (1) (3) (3) (3) Statistics Gen. Ed. Reg. Gen. Ed. Reg. Gen. Ed. Reg. Gen. Ed. Reg. Prof. & Ethics Sr. Design Proj. Math Elective C CEE 3720 or Hum./Fine Arts Hum./Fine Arts Soc./Behav. Sc. Soc./Behav. Sc. CEE 4920 CEE 4950 MATH 3470 (3) (3) (3) (3) (1) (0)(1) (2) Composition Composition ENGL 2130. SPCH 2410 or Approved CEE Approved CEE Fund, of CEE Engr. Econ. ENGL 1020 PC 2500 Lab Elective 1 Lab Elective ENGL 1010 2230, or 2330 CEE 4940 CEE 3710 (4) (4) (4) (3) (3) (3) (3) (3) Calculus I Calculus II Calculus III Diff. Equations Enviro, Engr. Approved CEE Engr. Geology Technical Elective d MATH 1910 MATH 1920 MATH 2110 MATH 2120 CEE 3413 GEOL 3210 Elective g **ADMISSION AS A FRESHMAN** (4) (3) (3) (3) (4) (3) (3) (3) Chemistry I Approved CEE Approved CEE Chemistry II Physics I Surveying Trans. Engr. Hydraulics CHEM 1120 b Elective d Elective d CHEM 1110 PHYS 2110 CEE 3020 CEE 3610 CEE 3420 (1) (2) (2) (3) (3) (3) (3) Graphics Physics I Lab Programming CE Materials Dynamics Fluid Mech. Geotech Engr. Approved CEE PHYS 2111 ENGR 1110 ENGR 1120 Sequence e ME 2330 ME 3720 CEE 3030 CEE 4800 (3) (3) (3) (3) (3) (1) Concrete Design Connect to CEE Statics Mech. of Matls Structural Mech Steel Design CEE 4320 CEE 1020 a CEE 3110 CEE 3320 **CEE 2110** CEE 4310 (3) Approved CEE

^a First semester freshman must register for CEE 1020 or equivalent.

MATH 2010, 3810, 4210 or 4510

PREPARED BY THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL **ENGINEERING**

Sequence e

CATALOG: 2014

128 credit-hour program Effective – Spring 2015

NOTE: The TBR general education core curriculum and American listory requirements are described in the TTU undergraduate catalog. See http://www.tntech.edu/ugcat/html/college of engineering.asp and http://www.tntech.edu/gened/amhistory_eng.html.

b Students select either CHEM 1120 or PHYS 2120/2121. Students who intend to pursue the environmental area of emphasis should take CHEM 1120.

d CEE 3100 or any 4000-level CEE course

^e List of Approved CEE Sequences:

http://www.tntech.edu/files/cee/Approved CEE Electives and Sequences.pdf

Select 1 of the following 3 CEE Lab courses – CEE 3040, CEE 3120, or CEE 3430. Students that select or plan to select the structural mechanics or structures option should take CEE 3120 as 1 of their 2 CEE lab electives; environmental students should take CEE 3430 as 1 of their 2 CEE lab electives.