CONSTRUCTION ENGINEERING TECHNOLOGY BS
Degree Plan (CONETBS)

GENERAL EDUCATION CURRICULUM

GEC 01. Written Communication (6 hours)
  01. ENG 101
  02. ENG 102

GEC 02. Natural Science and Mathematics (11 hours minimum)
  Science Requirement (8 hours minimum)
  01. Select 2 courses with labs:
      CHE 104/L*
      CHE 106/L*
      CHE 107/L*
      GHY 104/L
      GHY 105/L
      GLY 101/L*
      GLY 103/L*
      PHY 103/L
      PHY 111/L*
      PHY 112/L*
      PHY 201/L*
      PHY 202/L*
  Mathematics Requirement (3 hours)
  02. MAT 100***
      MAT 101*
      Higher-level MAT course*

GEC 03. Humanities (9 hours)
  01. ENG 203
  02. Select 2 courses, 1 History required
      HIS 101
      HIS 102
      PHI 151
      PHI 171
      REL 131

GEC 04. Aesthetic Values (3 hours)
  01. Select 1 course:
      ART 130
      DAN 130
      MUS 165
      THE 100

GEC 05. Social and Behavioral Sciences (6 hours)
  01. Select 2 courses:
      ANT 101
      COH 100
      ECO 101
      GHY 101
      PS 101
      PSY 110
      SOC 101

GEC 06. Computer Competency Requirement (Major Area)
  01. BCT 400 (Capstone)

GEC 07. Writing-Intensive Requirement (Major Area)
  01. BCT 478 (WI)
      ENG 101 & ENG 102
      prerequisites

GEC 08. Speaking-Intensive Requirement (3 hours)
  01. Select 1 course:
      CMS 111 (SI) or CMS 330 (SI) or CMS 320 (SI)

GEC 09. Capstone Requirement (Major Area)
  01. BCT 400 (Capstone)
      Must be taken Senior Year; ENG 101 & ENG 102 prerequisites

  *This course satisfies both the GEC requirement and a program requirement for this major.
  **This GEC course is recommended by this major.
  ***This course does not satisfy prerequisites for any other math course.
  ○ GEC restrictions apply; see page XXX.
  GEC 06 - GEC 09 courses are specific to the major.
  For full description of the GEC, see page XXX.

PROGRAM CURRICULUM

DEG 01. Major Area of Study Requirements (68 hours)
  01. AEC 132  ARCH GRAPHICS
  02. BCT 174  CONST ORGANIZATION
  03. AEC 204  MATERIALS AND METHODS
  04. AEC 204L MATERIALS LAB
  05. AEC 254  ESTIMATING I
  06. AEC 205  SURVEYING
  07. AEC 205L SURVEYING LAB
  08. ACT 234  ARCHITECTURAL CADD
  09. BCT 258  PLANNING/SCHEDULING
  10. AEC 270  STATICS AND STRENGTHS
  11. BCT 380  CONST. SAFETY
  12. AEC 365  ESTIMATING II
  13. AEC 344  STRUCTURAL DESIGN
  14. ACT 380  SPECIFICATIONS & CONTR
  15. AEC315  MEP SYSTEMS
  16. AEC 315L MEP SYSTEMS LAB
  17. BCT 386  PROIECT CONTROLS
  18. BCT 445  SOILS & FOUNDATIONS
  19. BCT 445L SOILS LAB
  20. BCT 377  CON. Proj. MGMT.
  21. ACT 450  BUILDING INFORMATION MGT.
  22. BCT 478  APPLICATION OF CONST LAW
  23. AEC 300  SEMINAR-LEED
  24. AEC 390  ENGINEERING ECONOMICS
  25. BCT 400  SENIOR PROJECT
  26. AEC 496  INTERNSHIP (3 hrs max or approved
      BCT492 Special Studies)

DEG 02. Additional Requirements (26-29 hours)
  01. ACC 200  INTRO TO FIN ACCTG
  02. BA 200  LEGAL ENV BUSINESS
  03. MGT 300  MGT FOR ORGANIZATIONS
  04. ECO 101 plus any other course in GEC 05.01
  05. Select 2 courses with labs:
      CHE 104/L or CHE 106/L or CHE 107/L or
      GLY 101/L or GLY 103/L or PHY 111/L or
      PHY 112/L or PHY 201/L or PHY 202/L
  06. MAT 101  ALGEBRA or Technical Elective <=
  07. MAT 103  TRIG
  08. MAT 167  CAL I w/ANAL GEOM
  09. BA 201 or CSS 211 or PSY 360

♦ Calculus is required for this major. Students may enter MAT 167 directly if
Math ACT sub score is 26 or higher. If Math ACT sub score is less than 24,
MAT 101 and MAT 103 must be completed.

HOURS TO DEGREE
124 hours are needed to graduate with a BS in Construction Engineering Technology. At least 50 percent of the hours applied to a degree at The University of Southern Mississippi must be earned from a senior college, and 45 of these hours must be in courses numbered 300 or above. The last 25 percent of course work must be earned from Southern Miss. The student must earn at least 12 hours in the major area of study from Southern Miss.
## CONSTRUCTION ENGINEERING TECHNOLOGY BS

### 2015-2016 Semester Guide

#### YEAR 1

<table>
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<tr>
<td><strong>Course</strong></td>
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<tr>
<td>AEC 132</td>
<td>ARCH GRAPHICS</td>
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<td>BCT 174</td>
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<tr>
<td>GEC01.01</td>
<td>ENG101</td>
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Semester Credit Hours: 15

Semester Credit Hours: 16

#### YEAR 2

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Semester Credit Hours: 16

Semester Credit Hours: 15

#### YEAR 3

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<td>BCT 365</td>
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<td>AEC 315</td>
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<tr>
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Semester Credit Hours: 17

Semester Credit Hours: 15

#### YEAR 4

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<td><strong>Course</strong></td>
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<td>BCT 478</td>
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<td>AEC 390</td>
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<td>MANAGERIAL STATISTICS</td>
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Semester Credit Hours: 16

Semester Credit Hours: 11

AEC 496 | INTERNSHIP | 3 | Total Hours: 124