



# EASTERN KENTUCKY UNIVERSITY

## College of Business & Technology

### SUGGESTED CURRICULUM GUIDE FOR CONSTRUCTION MANAGEMENT (B.S. DEGREE)

Fall 2009

**Freshman (1<sup>st</sup> Semester) 16 hrs**

- BTO 100 Orientation (1 hr)
- CON 121 Intro to Construction
- ENG 101 or 105 Eng Composition
- MAT 108 Trigonometry
- TEC 161 Computer Apps in Technology
- Block VA History

**Freshman 2nd Semester) 15 hrs**

- CON 201 Materials & Methods of Construction I
- CON 202 Materials & Methods of Construction II
- ENG 102 or HON 102 English II or Honors Rhetoric
- GLY 108 Intro Geology
- Block VC SBS or History

**Sophomore (1<sup>st</sup> Semester) 14 hrs**

- CMS 100 or 210 Communication or Public Speaking
- CON 294 Construction Graphics
- CON 221 Plane Surveying
- PHY 131 Physics (5 hrs)

**Sophomore (2<sup>nd</sup> Semester) 15 hrs**

- CON 303 Statics & Strength of Materials
- CON 320 Construction Surveying
- ECO 230 Economics I
- MAT 261 Calculus
- Block IV A Biological Lab Science

**Summer Term: CON 349 Co-op Study: Construction Technology (3 hrs)\***

**Junior (1<sup>st</sup> Semester) 15 hrs**

- ACC 201 Intro to Financial Accounting
- CON 322 Construction Structural Design
- CON 323 Estimating I
- FSE 379 Construction Safety
- Block VI Wellness

**Junior (2<sup>nd</sup> Semester) 15 hrs**

- CON 307 Foundation Construction
- CON 324 Mechanical/Electrical Systems
- CON 423 Estimating II
- INT 408 or MGT 301 HR Development or Management (NB)
- Block III A or III A/B
- BTS 300 Business & Technology Seminar (0 credit)

**Summer Term: CON 349 Co-op Study: Construction Technology (3 hrs)\***

**Senior (1<sup>st</sup> Semester) 15 hrs**

- CON 420 Engineering Economy
- CON 421 Contracts & Bidding
- GBU 204 Business Ethics
- Block IIIB or Block III A/B
- Business Upper Division Elective ( 3 hrs)\*\*

**Senior (2<sup>nd</sup> Semester) 17 hrs**

- CCT 201 Business Communication
- CON 425 Project Org. & Supervision
- CON 426 Scheduling
- PHY 132 or CHE 101/107 Physics II or Chemistry (4-5 hrs)
- Block VII AH or VII SBS
- Free Electives (0-1 hr)
- BTS 400 Business & Technology Seminar (0 credit)

\*Two separate summer enrollments of 2 to 4 hours are required and are recommended to achieve a total of 6 credit hours.  
 \*\*See advisor for suggested business electives.

### BACHELOR OF SCIENCE – Department of Technology

#### Construction Management

University Requirement .....	1 hr
BTO 100.	
General Education Requirements .....	30 hrs
Standard General Education program, excluding blocks II, IVB, VB, VII (QS), and VIII (6 hours). Refer to Section Four of the <i>Undergraduate Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar .....	
BTS 300 (CR) and BTS 400 (CR).	
Supporting Course Requirements.....	39-40 hrs
ACC 201, CCT 201, ECO 230, GBU 204, GLY 108, TEC 161; MAT 108 and MAT 261, or six hours of higher level MAT courses; MGT 301 or INT 408, PHY 131 (5), 132 (5) or CHE 101, 107 (1); and three hours of **ACC, CCT, CIS, ECO, FIN, GBU, INS, MGT, MKT, QMB, or RST electives as approved by major advisor.	
Free Electives .....	0 -1 hrs
Major Requirements .....	57 hrs
CON 121, 201, 202, 221, 294, 303, 307, 320, 322, 323, 324, 349 (6), 420, 421, 423, 425, 426; FSE 379.	
Total Curriculum Requirements .....	128 hrs
Students must take a construction assessment examination before graduation (exam fee required).	
**Students wishing to pursue the Minor in Business must confer with their major advisor to make substitutions to the supporting course requirements. INS, QMB and RST courses do not apply to the Minor in Business.	
The Construction Management program is accredited by the American Council for Construction Education.	

