

**BEREA COLLEGE**  
**2009 – 2010 CURRICULUM GUIDE (revised 10/29/09)**  
**B.S. in TECHNOLOGY AND INDUSTRIAL ARTS:**  
**INDUSTRIAL TECHNOLOGY MANAGEMENT**

**NOTE:** This guide is subject to change and represents actions approved by Faculty to date. Please refer often to the 2009-2010 Online Catalog & Student Handbook ([www.berea.edu/cataloghandbook](http://www.berea.edu/cataloghandbook)), which will be updated with the most current information.

**GENERAL EDUCATION PROGRAM**

**Core Courses**

	<u>Term</u>	<u>Credit</u>
MAT 010: Prealgebra <sup>a</sup>	_____	NC
MAT 011: Elementary Algebra I <sup>a</sup>	_____	NC
MAT 012: Elementary Algebra II <sup>a</sup>	_____	NC
GSTR 110: Writing Sem. I: Critical Thinking in the Liberal Arts	_____	1
GSTR 210: Writing Sem. II: Identity and Diversity in the United States	_____	1
GSTR 310: Understandings of Christianity	_____	1
GSTR 332: Scientific Knowledge & Inquiry	_____	1
GSTR 410: Sr. Sem. in Cont. Global Issues	_____	1

**Lifetime Health & Fitness: PEH 100 & Phys. Activity**

PEH 100: Introduction to Lifetime Wellness	_____	.50
<i>(if swimming proficiency test not passed, one of next two courses must be PED 200)</i>		
PED 2__ : _____	_____	.25
PED 2__ : _____	_____	.25

**Practical Reasoning Across the Curriculum (PR & PRQ)**

Two courses—at least one firmly grounded in math or statistics (PRQ); the other can be an approved practical reasoning (PR) course or another PRQ course.

_____ : _____	_____	1
_____ : _____	_____	1

**Perspectives—Six Areas Required**

Students will satisfy each of the six Perspective areas by taking or waiving a course, or through an approved experience. Individual courses may be approved to satisfy more than one Perspective, but no single course may satisfy more than two Perspective areas.

1. Arts \_\_\_\_\_
2. Social Science \_\_\_\_\_
3. Western History \_\_\_\_\_
4. Religion \_\_\_\_\_
5. Afr. Amer., Appal., Women's \_\_\_\_\_
6. International (two courses either in area 6A or area 6B):
  - A) Same Non-English Language \_\_\_\_\_
  - Same Non-English Language \_\_\_\_\_
  - (one course may be waived by placement exam)

**OR**

- B) World Culture (Non-western) \_\_\_\_\_
- World Culture (Western/non-western) \_\_\_\_\_

**Active Learning Experience (ALE)**

An approved experience, taken for credit or as noncredit.

\_\_\_\_\_ :

**Writing Competency Requirement (thru Spring 2009)**

**(NOTE: Required for students entering in/before Spring 2009—not required for those entering in/after Fall 2009)**

Students may satisfy this requirement by passing the Writing Competency Examination administered in Fall and Spring, or by successfully completing GST 150: College Composition or ENG 104: Advanced ESL.

\_\_\_\_\_ :

<sup>a</sup> May be waived on basis of test scores.

**NOTE:** In addition to completing specified course requirements, each student must satisfy departmental standards for written and oral communication.

**MAJOR COURSES**

**Core Courses**

	<u>Term</u>	<u>Credit</u>
TEC 110: Technology I	_____	1
TEC 111: Technology II	_____	1
TEC 130: Engineering Graphics	_____	1
TEC 140: Prod. Tech. in Woods	_____	1
TEC 180: Graphic Communications	_____	1
TEC 250: Prod. Tech. in Metals	_____	1
TEC 265: Electrical Fundamentals	_____	1
TEC 275: Power Technology	_____	1
TEC 392: Work Learning Experience	_____	NC
TEC 392: Work Learning Experience	_____	NC

**Capstone Course**

TEC 489: Seminar in Technology	_____	1
--------------------------------	-------	---

**Distribution Courses (Required; count inside the major)**

One (1) advanced course chosen from the following:

TEC 330, 340, 352, 382, 455, 460, 470, or a Short Term course approved by the Department

TEC _____ :	_____	1
-------------	-------	---

Two (2) courses chosen from the following: ART 110, 123, 125, CHM 101, CHM 131 or 134, CSC 125, PHY 217, or other TEC courses

_____ :	_____	1
_____ :	_____	1

**Collateral Courses (Required; count outside the major)**

One course chosen from the following:

MAT 105 or 115 (or waiver) \_\_\_\_\_ 1

**AND**

Three (3) courses chosen from the following: BUS\* 120, 240, 315, 345, 363, 364, ECO 101 **or** 102, and 250

_____ :	_____	1
_____ :	_____	1
_____ :	_____	1

**SHORT TERMS**

<u>Dept. &amp; No.</u>	<u>Title</u>	<u>Term</u>	<u>Credit</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**ELECTIVES (count in 21 credits outside the major,**

**unless in TEC rubric)**

<u>Dept. &amp; No.</u>	<u>Title</u>	<u>Term</u>	<u>Credit</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Exploring the Major and Course Sequencing Considerations:**

It is highly preferred that students considering this major take TEC 110 and 111 in the first and/or sophomore years.

\*Core courses for the Business Administration Minor are BUS 120, 315, and ECO 101 or 102. Two additional courses, including any BUS course at the 200-300-400 levels, would complete the minor. See *Catalog* for complete Minor Requirements.