

## Core Curriculum 2015-2016

### CORE CURRICULUM COURSES FOR ENGINEERING MAJORS

#### Communication/Human Expression (9 hrs.)

**ENGL 1301: Grammar and Composition I**

**ENGL 1302: Grammar and Composition II**

**SPCM 1315: Fundamentals of Speech Communication**

#### Mathematics (6 hrs.)<sup>1</sup>

**MATH 2413: Calculus I**

**MATH 2414: Calculus II**

#### Life and Physical Sciences (8 hrs.)<sup>1</sup>

**CHEM 1311: General Chemistry I**

**CHEM 1111: General Chemistry I Laboratory**

**PHYS 2325: University Physics I**

**PHYS 2125: University Physics I Laboratory**

#### Language, Philosophy and Culture (3 hrs.)

**PHIL 2306: Introduction to Ethics**

#### Creative Arts (3 hrs.)

**MUSI 1306: Music Appreciation**

**MUSI 2301: Cultural Music of the Americas**

**THTR 1301: The Theatre: Plays in Performance**

**THTR 1356: The Cinema: Films and Performers**

**ART 1301: Introduction to Art**

**ART 2303: Art History Survey I**

**ART 2304: Art History Survey II**

#### American History (6 hrs.)

**HIST 1301: United States History I**

**HIST 1302: United States History II**

**HIST 1303: History of Technology and Innovation in the U. S.**

#### Political Science (6 hrs.)

**POLS 2305: Introductory American Government**

**POLS 2306: Introductory Texas Politics**

#### Social & Behavioral Science (3 hrs.)

**ECON 2302 (Microeconomics) or ECON 2301 (Macroeconomics)**

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<sup>1</sup> Additional courses are required for the major.