

**TEXAS A&M TRANSFER GUIDE  
ENGINEERING DEGREE 2001-2002**

**Aerospace, Biomedical, Chemical, Civil, Electrical,  
Mechanical, Industrial, Nuclear, Petroleum,  
or Radiological Health Engineering**

**Montgomery College Recommended Course Completion**

Course Name	Texas A&M Number	Montgomery Number
Freshman Composition	ENGL 104	ENGL 1301
Technical Writing (See Note 1 below.)	ENGL 210	ENGL 2311
Calculus I (See Note 2 below.)	MATH 151	MATH 2413
Calculus II	MATH 152	MATH 2414
U.S. History I	HIST 105	HIST 1301
U.S. History II	HIST 106	HIST 1302
Government I	POL 206	GOVT 2301
Government II	POL 207	GOVT 2302
3 additional hours of Social Science chosen from: ANTH, ECON, PSYC, SOCI	ANTH, ECON, PSYC, SOCI	<b>Choose 3 hours from:</b> ANTH 2346; ECON 2301, 2302; PSYC 2301; SOCI 1301
Visual/Performing Arts-3 hours chosen from: ARTS, MUSC, THAR	ARTS 111, ARTS 112, ARTS 149, ARTS 150, MUSC 102, 201, THAR 101,110, 210,	<b>Choose 3 hours from:</b> ARTS 1316, 1317,1303, 1304, MUSI 1301, 1306, DRAM 1310,1351, 1352
<b>Required Science-16 hours:</b> Mechanics and Heat; Electricity, Magnetism, and Light; Chemistry I and II (See Note 3 below.)	PHY 218, PHY 219, CHEM 101, and CHEM 102	<b>Take all of the following:</b> PHYS 2425, PHYS 2426, CHEM 1411, and 1412
Kinesiology- 2 hours	KINE 198 and 199	KINE 1111 and any activity PE

**NOTES AND GENERAL INFORMATION:**

1. ENGL 1301 and 2nd year standing are prerequisites for ENGL 2311.
2. MATH 2412 (Pre-calculus) is the prerequisite for MATH 2413. In order to take MATH 2412, students must pass MATH 1314 and 1316 (College Algebra and Trig) or have dept. approval.
3. -CHEM 1405 or one year of high school chemistry taken within the last 3 years and MATH 0310 are prerequisites for CHEM 1411.  
-MATH 2413 and one year of high school physics is the prerequisite for PHYS 2425.