

DEGREE PLAN  
**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**  
 The University of Texas at Arlington

Name: \_\_\_\_\_

Student No.: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Expected Date of Graduation \_\_\_\_\_

Catalog: 2006-07, 2007-09

Prepared by: \_\_\_\_\_  
 Signature of Professor \_\_\_\_\_ Date \_\_\_\_\_

Approved By: \_\_\_\_\_  
 Signature of Dept. Chairman \_\_\_\_\_ Date \_\_\_\_\_

Approved by: \_\_\_\_\_  
 Signature of Academic Dean \_\_\_\_\_ Date \_\_\_\_\_

Certified By: \_\_\_\_\_  
 Date \_\_\_\_\_

	Hours Earned	To Be Earned
<b>ENGLISH: (9 Hrs.)</b>		
____ 1301		3
____ 1302		3
____ 23XX (LIT)		3
<b>Total Hrs.</b>		<b>9</b>
<b>HISTORY: (6 Hrs.)</b>		
____ 1311 History		3
____ 1312 History		3
<b>Total Hrs.</b>		<b>6</b>
<b>POLITICAL SCIENCE: (6 Hrs.)</b>		
____ 2311 Government of the U.S.		3
____ 2312 State & Local Govern		3
<b>Total Hrs.</b>		<b>6</b>
<b>MATHEMATICS: (11 Hrs.)</b>		
____ 1426 Calculus I		4
____ 2425 Calculus II		4
____ 2326 Calculus III		3
____ 3330 Matrices, Linear Algebra		3
<b>Total Hrs.</b>		<b>14</b>
<b>SCIENCE: (12 Hrs.)</b>		
____ 1441 Chemistry		4
____ 1443 Physics		4
____ 1444 Physics		4
<b>Totals Hrs.</b>		<b>12</b>
<b>ECONOMICS: (3 Hrs.)</b>		
____ 2305 Macroeconomics		3
<b>Total Hrs.</b>		<b>3</b>
<b>FINE ARTS: (3 Hrs.)</b>		
____ from ME approved list		3
<b>Total Hrs.</b>		<b>3</b>
<b>COMMUNICATION: (3 Hrs.)</b>		
____ 3302 (COMS) Bus Prof Comm		3
<b>Total Hrs.</b>		<b>3</b>
LANGUAGE: _____ High School _____ yrs		
_____ College _____ hrs		
Notes		
_____		
_____		
_____		

	Hours Earned	To Be Earned
<b>GENERAL ENGINEERING: (3 Hrs.)</b>		
____ 1350 Graphics for Eng.		3
<b>Total Hrs:</b>		<b>3</b>
<b>ELECTRICAL ENGINEERING: (3 Hrs.)</b>		
____ 2320 Circuit Analysis		3
<b>Total Hrs.</b>		<b>3</b>
<b>MAJOR: MECHANICAL ENGINEERING (63 Hrs.)</b>		
____ 1104 Introduction to Engineering		1
____ 1105 Introduction to MAE		1
____ 1312 Statics		3
____ 2312 Solid Mechanics		3
____ 2321 Materials Science		3
____ 2323 Dynamics		3
____ 2360 Numerical Analysis & Programming		3
____ 2381 Exp Method & Meas		3
____ 3310 Thermodynamics I		3
____ 3360 Engineering Analysis		3
____ 2314 Fluid Mechanics I		3
____ 3121 Materials Science Lab		1
____ 3183 Measurements Lab II		1
____ 3242 Mechanical Design I		2
____ 3311 Thermodynamics II		3
____ 3314 Heat Transfer		3
____ 3318 Kinematics & Dynamics		3
____ 3319 Dyn Systems Modeling & Sim		3
____ 3321 Mechanical Behavior of Materials		3
____ 3344 Intro to Manufacturing Eng.		3
____ 4287 Design Project I		2
____ 4188 Design Project II		1
____ 4310 Intro to Automatic Control		3
____ 4342 Mechanical Design II		3
____ 4344 Computer-Aided Engineering		3
<b>Total Hrs.</b>		<b>63</b>
<b>TECHNICAL ELECTIVES: (6 Hrs.)</b>		
____ Counselor-Approved		3
		3
<b>Total Hrs.</b>		<b>6</b>
<b>TOTAL HOURS FOR DEGREE</b>		<b>131</b>

**UT Arlington**  
**Courses Approved to Satisfy the Fine Arts Requirement**  
**Effective February 15, 2000**

ARCH	1301	Introduction to Architecture and the Design Professions I
ARCH	2300	Masterworks of Western Architecture
ARCH	2303	History of Architecture and Design
ARCH	2304	History of Architecture and Design II
ARCH	4305	The City of Rome
ARCH	4308	History of Urban Form
ARCH	4309	The City of London
ARCH	4310	American Architecture
ART	1301	Introduction to Art
ART	1309	Art of the Western World I: Greece through Renaissance
ART	1310	Art of the Western World II: Baroque to Modern
ART	3302	Art of Antiquity
ART	3305	Early Christian and Byzantine
ART	3306	Byzantine and Medieval Art
ART	3307	The Early Renaissance
ART	3308	High Renaissance
ART	3310	Film as Art
ART	3311	American Art
ART	3312	Neo-Classicism and Romanticism
ART	3313	Backgrounds of Modern Art
ART	3314	Modern Art
ART	3315	Impressionism
ART	3320	Mesoamerican Art
ART	3325	Studies in the Baroque
ART	3331	English Art: Eighteenth and Nineteenth Centuries
ART	3389	Contemporary Art
ART	3391	History of Photography
ART	3392	History and Aesthetics of the Video Image
ART	4302	Greek and Roman Painting
ART	4303	Roman Art
ART	4304	The Etruscans
ART	4306	Mid-Renaissance
ART	4317	The Art of Other Traditions
ART	4330	Eighteenth Century Art
CLAS	2310	Introduction to Greek Civilization
CLAS	2320	Introduction to Roman Civilization
DNCE	1300	Dance Appreciation
HONR	2300	Honors Interdisciplinary Seminar in Humanities and Fine Arts
MUSI	1300	Music Appreciation
MUSI	1301	Elements of Music
MUSI	1302	History of Jazz
MUSI	2300	Musical Traditions of the World
MUSI	2301	Music in Film
MUSI	3300	Music History I
MUSI	3301	Music History II
THEA	1343	Introduction to Theatre
THEA	3307	History of Costume
THEA	4303	Classical Theatre History

# B.S. in Mechanical Engineering

2006-2007  
2007-2009

Foreign Language:  H.S.   
 Other

Name : \_\_\_\_\_

ID : 1000 \_\_\_\_\_

\* Tarrant County College Equivalent Course

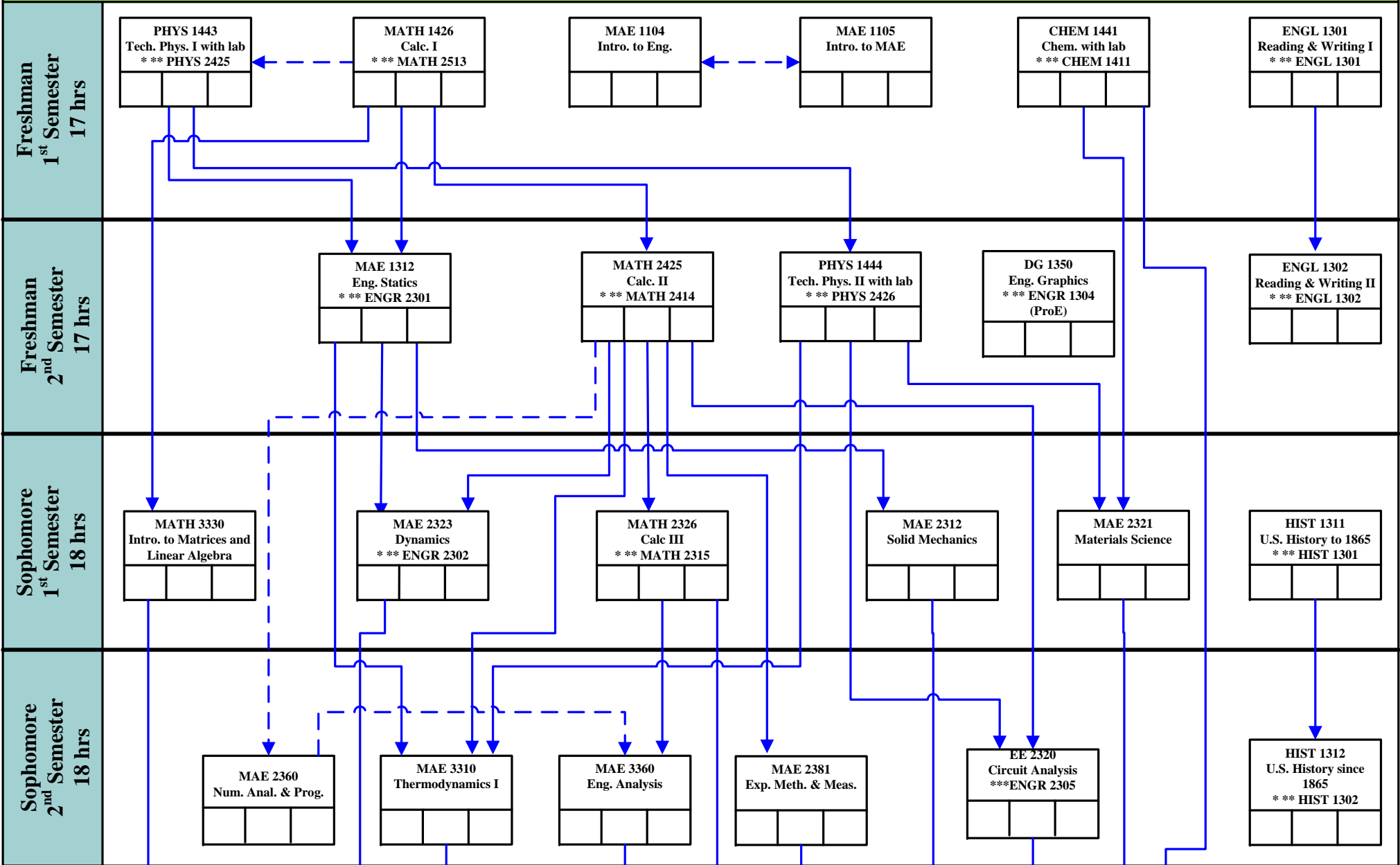
## Mechanical Engineering – Pre-professional Courses

—————> Prerequisite

\*\* Dallas County Community College Equivalent Course

C or better to pass

-----> Prerequisite or Concurrent Enrollment



Continued on next page

Updated Oct 4, 2007

# B.S. in Mechanical Engineering

2006-2007  
2007-2009

Name :

ID : 1000\_\_\_\_\_

\* Tarrant County College Equivalent Course

## Mechanical Engineering - Professional Courses

—————> Prerequisite

\*\* Dallas County Community College Equivalent Course

- - - - -> Prerequisite or Concurrent Enrollment

