

# APPLIED ENGINEERING TECHNOLOGY AND TRAINING

111  
BAT.AETT  
Fall 2008-Spring 2009

## Bachelor of Applied Technology (B.A.T.)

THE UNIVERSITY OF TEXAS AT BROWNSVILLE and TEXAS SOUTHWEST COLLEGE  
COLLEGE OF APPLIED TECHNOLOGY AND GENERAL STUDIES

Student Name \_\_\_\_\_ ID # \_\_\_\_\_ Date \_\_\_\_\_

E-mail \_\_\_\_\_ Signature \_\_\_\_\_

Academic or Faculty Advisor \_\_\_\_\_ Date \_\_\_\_\_

GENERAL EDUCATION CORE	48 HOURS			AAS DEGREE OR EQUIVALENT	34 HOURS	
	HRS	GR	SEM	Degree Major:		
<b>COMMUNICATION REQUIREMENT</b>	9 hours			Institution:		
ENGL 1301 Composition I	3	†		Date:		
ENGL 1302 Composition II <i>or</i> ENGL 2311 Technical Writing	3	†				
SPCH 1315 Applied Communication <i>or</i> SPCH 1318	3					
<b>MATH REQUIREMENT</b>	3 hours			<b>APPLIED ENGINEERING TECHNOLOGY AND TRAINING TRACK</b>	<b>38 HOURS</b>	
MATH 1314 College Algebra		†		MATH 1342 Elementary Statistics (or ENGT 2303)	3	
MATH 1332 Math for Liberal Arts		†		ENGTU 2407 Engineering Materials	4	
Or any higher level Math course		†		MFET 2420 Manufacturing Process Technologies	4	
				MFET 3311 International Quality Assurance Systems	3	
<b>SCIENCE REQUIREMENT</b>	8 hours			MFET 3320 Product and Processing Design	3	
Select two 4-hour science courses (3 hour lecture <u>must be taken</u> with corresponding 1 hour lab).				MFET 3325 Manufacturing Process Planning	3	
	3,1			MFET 3331 Computer Aided Manufacturing	3	
	3,1			MFET 3332 Robots in Manufacturing	3	
				ENGT 3320 Engineering Economics	3	
<b>HUMANITIES REQUIREMENT</b>	6 hours			TECT 3301 Foundations of Technology Training	3	
Literature (ENGL 2000 level)	3			TECT 3302 Psychology of Technology Training	3	
ARTS 1301 Art Appreciation <i>or</i> ARTS 1303 Art History <i>or</i>				TECT 3303 Training Methods in Industry	3	
MUSI 1306 Music Appreciation <i>or</i> MUSI 1308 Music Lit.	3					
<b>SOCIAL SCIENCE REQUIREMENT</b>	12 hours					
HIST 1301 United States to 1877	3					
HIST 1302 United States Since 1877	3					
GOVT 2301 American and Texas Government	3					
GOVT 2302 American Government and Policy	3					
<b>BEHAVIORAL SCIENCE REQUIREMENT</b>	3 hours					
ANTH 2351 Cultural Anthropology						
BUSI 1301 Introduction to Business						
ECON 2301 Macroeconomics						
GEOG 1303 General World Geography						
PSYC 2301 Introduction to Psychology						
SOCI 1301 Introduction to Sociology						
SOCI 2319 The Mexican American Experience						
<b>KINESIOLOGY REQUIREMENT</b>	1 hour					
KINE 11____ (One hour of activity/health/wellness/ fitness)	1					
<b>MODERN LANGUAGE REQUIREMENT</b>	6 hours					
Six hours of same modern language, other than English.						
	3			<b>TOTAL CREDIT HOURS FOR GRADUATION</b>	<b>120</b>	
	3			<b>TOTAL ADVANCED HOURS (minimum)</b>	<b>30</b>	

† Grade of "C" or better is required for graduation.