

STUDENT NAME _____ DATE _____

**Fire Protection Engineering A.S. at Montgomery College to
B.S. IN FIRE SERVICE ADMINISTRATION AT UMUC**

This worksheet is designed to help you plan and track your progress toward your degrees. For full course descriptions, please refer to the current undergraduate *Catalog*.

Courses taken at Montgomery College
Changes in recommended courses may affect other elements of the degree plan. Lower level equivalents of UMUC upper level courses fulfill content requirements but not upper-level minimum credit requirements

 UMUC
Equivalent
Course

GENERAL EDUCATION REQUIREMENTS (GenEd) (27 credits)		
UMUC General Education Requirements (GenEd) * FULFILLED * with completion of A.S. or A.A.	EN 102 Techniques of Reading and Writing II (3) <i>English foundation course</i>	WRTG 101
	MA 181 Calculus I (4) <i>Math foundation course</i>	MATH 140
	Behavioral and social sciences distribution (3)	
	Any History (3) <i>Recommended humanities distribution</i>	
	PH 262 General Physics II (4)	PHYS 262
	Behavioral and social sciences distribution (3) <i>Must be from a second discipline</i>	
	PH 263 General Physics III (4)	PHYS 263
	Arts distribution (3)	
INTERDISCIPLINARY AND EMERGING ISSUES (1 credit)		
Health foundation course (1)		
GENERAL ELECTIVES (33 credits)		
CH 135 General Chemistry for Engineers (4)		CHEM 113
ES 100 Introduction to Engineering Design (3)		
ES 102 Statics (3)		
MA 182 Calculus II (4)		MATH 141
PH 161 General Physics I (3)		PHYS 161
ES 220 Mechanics of Materials (3)		
ES 221 Dynamics (3)		
MA 280 Multivariable Calculus (4)		MATH 241
ES 232 or ES 240 (3)		
MA 282 Differential Equations (3)		MATH 246
ADDITIONAL REQUIREMENTS (3 credits)		
SP 108 or SP 112 (3) <i>Required speech foundation course for graduation from MC</i>		
Credits transferred: 64 credits		
Note: Up to 70 credits may be transferred from Montgomery College – meet with a UMUC adviser to discuss additional MC credits		

SEQUENCE at UMUC <i>Courses are listed in the order in which students should take them. Changes in courses and order may affect other elements of the degree plan.</i>		NOTES
EMERGING ISSUES (7 credits)		
LIBS 150 (1) <i>GenEd course</i>		
IFSM 201 or CMST 303 (3) <i>First computing GenEd course</i>		
IFSM 300 (3) <i>Or ACCT 326 for second computing GenEd (but note prerequisite for ACCT 221)</i>		UL
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (33 credits)		
WRTG 291 (3) <i>Or other writing GenEd course except WRTG 486A/B or MC EN 101 Techniques of Reading and Writing</i>		
◆ FSCN 302 (3) <i>First required course for major</i>		UL
◆ FSCN 304 (3) <i>Required core course for major</i>		UL
WRTG 394 (3) <i>Or other upper-level advanced writing GenEd course</i>		UL
◆ FSCN 305 (3) <i>Required core course for major</i>		UL
◆ FSCN 412 (3) <i>Required core course for major</i>		UL
◆ FSCN 415 (3) <i>Required core course for major</i>		UL
◆ FSCN 416 (3) <i>Required core course for major</i>		UL
◆ FSCN 306 or FSCN 303 (3) <i>Or other supplemental major course (any UL FSCN)</i>		UL
◆ FSCN 402 or FSCN 401 (3) <i>Or other supplemental major course (any UL FSCN)</i>		UL
◆ FSCN 411 or FSCN 413 (3) <i>Or other supplemental major course (any UL FSCN)</i>		UL
CAPSTONE COURSE FOR MAJOR (3 credits) <i>To be taken after all other courses for the major</i>		
◆ HMLS 495 (3) <i>Required for major</i>		UL
ADDITIONAL ELECTIVES (13 credits)		
Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework.		UL
Recommended electives: CMIS 111 or IFSM 304, STAT 200, WRTG 490		UL
		UL
TOTAL: 120 CREDITS		
CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.		
<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits. <input type="checkbox"/> 45 upper-level credits, including half the credit for the major and the minor. <input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor. <input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> All General Education Requirements. <input type="checkbox"/> Grade of C or better in all courses for the major and minor. <input type="checkbox"/> Overall GPA of at least 2.0. <input type="checkbox"/> At least half the credit for the major earned through graded coursework. <input type="checkbox"/> Total 120 credits.	
NOTES:		