

**Associate of Science  
Mathematics Emphasis**

**AS 4984**

**Instructions:** Use this Worksheet to track your progress toward graduation. You must be able to check off all the boxes on each page to receive this degree. The college catalog and your advisor are two resources you can turn to if you need help. When you are within two terms of completion, meet with your advisor and have him or her sign this form. You should apply for graduation one term prior to the term you and your advisor determine you will meet all the requirements for completion. **When you apply for graduation you must attach this form to your application. Your application is incomplete without this form signed by your advisor.**

**General Education Requirements are Approved by the Admissions & Records Office**

**WRITING I** Credits  
 WR 121 English Composition ..... 3  \_\_\_\_\_

**WRITING II** (select one)  
 JN 216 News Reporting & Writing  
 WR 122 English Composition: Argumentation  
 WR 123 English Composition Research  
 WR 185 Understanding English Grammar  
 WR 214 Business Communications  
 WR 227 Technical Writing  
 WR 228 Technical Writing II  
 WR 241 Creative Writing: Fiction  
 WR 242 Creative Writing: Poetry  
 WR 243 Creative Writing: Script Writing  
 WR 244 Advanced Creative Writing: Fiction ..... 3  \_\_\_\_\_

**SPEECH** (select one)  
 SP 111 Fundamentals of Speech  
 SP 112 Introduction to Persuasion  
 SP 218 Interpersonal Communication ..... 3  \_\_\_\_\_

**MATHEMATICS**  
 MTH 231 Elements of Discrete Mathematics..... 4  \_\_\_\_\_

**HEALTH & PHYSICAL EDUCATION**  
 PE 231 Lifetime Health & Fitness ..... 3  \_\_\_\_\_

**PERSPECTIVES** (no more than two courses with the same prefix may be used by a student to satisfy the Perspectives category)  
 Physical Science (PH 211) ..... 5  \_\_\_\_\_  
 Biological Science (see catalog page 174) ..... 4  \_\_\_\_\_  
 Biological or Physical Science (see catalog page 174) .... 4  \_\_\_\_\_  
 Cultural Diversity (see catalog page 174-175)..... 3  \_\_\_\_\_  
 Dif, Power & Discrimination (see catalog page 175) ..... 3  \_\_\_\_\_  
 Literature and the Arts (see catalog page 175)..... 3  \_\_\_\_\_  
 Social Processes & Institutions (see catalog page 175)... 3  \_\_\_\_\_  
 Western Culture (see catalog page 175) ..... 3  \_\_\_\_\_

*Even though the theme of a Biology Course may be different, a Biology Course number may only be used once to satisfy the graduation requirements.*

Degree Evaluator \_\_\_\_\_

Date \_\_\_\_\_

FOR OFFICE USE ONLY		
<b>Credit Toward This Degree</b>		
Total Cr. _____	LBCC Cr _____	GPA _____
		Approved <input type="checkbox"/> Denied <input type="checkbox"/>
Registrar _____	Date _____	AS 4984 MS

**PROGRAM REQUIREMENTS**

**Advisor Instructions:** This is the student's official record of their progress. The student must present this form to the Admissions Office when they apply for graduation. Please address each requirement by checking off completed courses, indicating which courses the student plans to take, and clearly documenting substitutions or waivers.

**PROGRAM REQUIREMENTS ARE APPROVED BY THE DEPARTMENT & ADVISOR**

**Courses may not be used to meet more than one requirement unless a specified under the particular option.**

	<b>Credits</b>	<b>Waivers/ Substitutions</b>	<b>Advisor Initials</b>	<b>Date Approved</b>
MTH 251 Differential Calculus.....	5	<input type="checkbox"/>	_____	_____
MTH 252 Integral Calculus .....	5	<input type="checkbox"/>	_____	_____
MTH 253 Calculus.....	4	<input type="checkbox"/>	_____	_____
MTH 254 Calculus.....	4	<input type="checkbox"/>	_____	_____
MTH 255 Vector Calculus .....	4	<input type="checkbox"/>	_____	_____
MTH 256 Applied Differential Equations.....	4	<input type="checkbox"/>	_____	_____
Computer Science (a high level programming course such as				
CS 133U or CS 133V.....	4	<input type="checkbox"/>	_____	_____
Select 16 credits from the following .....	16	<input type="checkbox"/>	_____	_____
BA 211, BA 213				
BI 101, BI 102, BI 103, BI 211, BI 212, BI 213				
CH 121, CH 122, CH 123, CH 221, CH 222, CH 223				
CS 161, CS 162				
EC 201, EC 202				
GS 105, GS 106, GS 108				
MTH 111, MTH 112, MTH 211, MTH 212, MTH 213, MTH 243, MTH 245, MTH 265				
PH 104, PH 212, PH 213				

**CHANGES MUST ALSO BE APPROVED BY DIVISION DIRECTOR OR DEAN**

Admissions & Records will perform a final evaluation to ensure all courses have been completed with appropriate grades before this degree is awarded to the student. Requirements such as general education, total credits and grade point average must be approved by the Registrar.

**DEPARTMENT ADVISOR**

Program requirements/proposed substitutions and waivers meet with my approval. Reasons for any changes are indicated on the appropriate line above.

**DIVISION DIRECTOR or DEAN**

Changes and/or substitutions in the program requirements have my approval.

\_\_\_\_\_  
Program Advisor Signature                      Date

\_\_\_\_\_  
Division Director or Dean Signature                      Date