

## Photonics Technology - AAS Program Number 161

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

Catalog Year 2007-2008

Student ID Number: \_\_\_\_\_

### GENERAL EDUCATION CORE

Course Number	General Education Core	Credits Required	Credits Earned	Planning
ENGL 121	College Composition I: Expository Writing	3		
Arts & Humanities	Arts & Humanities Core Course (Literature, Fine Arts, or Humanities)	3		
SPCH 105 <b>or</b> SPCH 110	Fundamentals of Public Speaking <b>or</b> Interpersonal Communications	3		
Social Science	Social and Behavioral Science Core	3		
PHYS 101	Technical Physical Science	4		
Mathematics	Math 131 or Higher	3-5		
<b>Total Core Credits - minimum of 20 required for degree completion</b>				

### REQUIRED COURSES RELATED TO MAJOR

Course Number	Required Course	Credits Required	Credits Earned	Planning
CMSY 110	Software Applications for Micros	3		
ELEC 107	Introduction to Electronic Circuits	4		
PHOT 100	Introduction to Photonics	3		
ELEC 117	Linear Electronics	4		
PHOT 105	Optical Physics	4		
TELE 100	Introduction to Telecommunications	3		
ELEC 213	Digital Circuits	4		
PHOT 200	Principles of Lasers	3		
PHOT 205	Detection and Measurement	3		
PHOT 210	Fiber Optics Communications	4		
PHOT 220	Advanced Topics in Photonics	3		
TELE 200	Quality Control	3		

**NOTES:**

**Developmental  
Courses**

**English**

\_\_\_ ENGL-093  
\_\_\_ ENGL-096\*  
\_\_\_ ENGL-094  
\_\_\_ ENGL-097

**English ESL**

\_\_\_ ENGL-083  
\_\_\_ ENGL-084  
\_\_\_ ENGL-085  
\_\_\_ ENGL-086\*  
\_\_\_ ENGL-087

**\*Co-requisite**

\_\_\_ ENGL-106

**Math**

\_\_\_ MATH-060  
\_\_\_ MATH-061  
\_\_\_ MATH-064  
\_\_\_ MATH-065  
\_\_\_ MATH-067  
\_\_\_ MATH-070