

**Photonics Technology - AAS
Program Number 161**

Student Name: _____

Catalog Year 2009-2010

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 or SPCH 110	Fundamentals of Public Speaking or Interpersonal Communications	3		
Social Science	Social and Behavioral Science Core	3		
PHYS 101	Technical Physical Science	4		
Mathematics	Math 131 or Higher	3-5		
Total Core Credits - minimum of 20 required for degree completion			Total Credits	60-62

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**

- ___ FYEX-100

Math

- ___ MATH-060
- ___ MATH-061
- ___ MATH-067
- ___ MATH-070