

**Photonics Technology - AAS
Program Number 161**

Student Name: _____

Catalog Year: 2006-2007

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				

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