PLAN OF STUDY FORM - 2006/2007 LASER AND FIBER OPTIC TECHNOLOGY – KA95 ASSOCIATE IN SCIENCE DEGREE CREDITS REQUIRED — 67-68

Advanced Credits:

Transfer Credits #CLEP/DANTES #Credit by Exam #APL Credits #Military Credits **THREE RIVERS COMMUNITY COLLEGE** NAME:

Last

11111111.	
	First
STUDENT ID#	

Name(s) of transfer college(s)

# A combined maximum of 30 credits may be used to satisfy degree requirements

Course ID	Title of Course	Credits	Semester Completed	To Be Completed
SEMESTER I			1	1
PHO* K1051	Laser Safety	(0.5)		
CAD* K106	Computer-Aided Drafting	1		
CAD* K107	Computer-Aided Drafting Lab	2		
EET* K105°	Electric Circuits and Systems	3		
EET* K106°	Electric Circuits and Systems Lab	1		
ENG* K101°	Composition	3		
MAT* K2	Math I	3		
PHO* K101	Introduction to Photonics	3		
	TOTAL	16		
SEMESTER II				
EET* K119°	Advanced Electrical Circuits and Systems	4		
EET* K120°	Advanced Electrical Circuits and Systems Lab	1		
MAT* K2	Math II	4		
PHO* K140°	Optoelectronics	4		
PHY* K141°	Applied Optics	4		
	TOTAL	17		
SEMESTER III				
PHY* K114	Mechanics	4		
PHO* K230 °	Laser Electronics	4		
PHO* K240°	Introduction to Lasers	4		
2	Math/Science Elective	3-4		
	Social Science Elective	3		
	TOTAL	18-19		
SEMESTER IV				
ENG* K202	Technical Writing	3		
PHO* K250°	Fiber and Integrated Optics	4		
PHO* K290°	Advanced Laser Topics	3		
	Fine Arts Elective	3		
	Technical Elective	3		
	TOTAL	16	_	_
	GRAND TOTAL	67-68		
°Course has a prerequ	usite. Students should check course description	n.	PLAN OF STU	DY REVIEW

°Course has a prerequisite. Students should check course description. <sup>1</sup> This course is considered a prerequisite to the program and must be taken before PHY\* K141.

<sup>1</sup>Minimum 10 credits of math required from MAT\* K137, K167, K186, K254, and K256. Students transferring to Physics or Engineering programs should take math through MAT K256.

## PLAN OF STUDY REVIEWED BY:

Student

Advisor

Date

Date

Preliminary Graduation Audit Completed by:

# PLAN OF STUDY GUIDELINES

The College reserves the right to modify this Plan of Study in subsequent academic years. Each student has the responsibility to insure that he/she completes all courses required for graduation, completes prerequisites for required courses, and completes all other requirements of the College as explained in the College Catalog.

## ACADEMIC ADVISEMENT PROCESS

Students are required to meet with their advisor early in their first semester of enrollment. It is the student's responsibility to seek out information concerning program requirements. This may be done with the help of their advisor, the Department Chairperson, the Program Coordinator, the Counseling staff, or individual faculty members. While each student is assigned to an Academic Advisor, ultimate responsibility for meeting program requirements lies with the individual student. Students are encouraged to initiate and maintain close contact with their Academic Advisor throughout their program enrollment. A Plan of Study Form signed by a student and academic advisor or registration card signed by an academic advisor must be submitted when registering for courses until 12 credits are earned at TRCC.

#### **PROGRAM REQUIREMENTS**

Students have the option of meeting the degree or certificate program requirements listed in the College Catalog under which they initially enrolled or the requirements as listed in the current catalog. [EXCEPTION]: Students who have a twoyear or more lapse in enrollment must meet the program requirements in effect at the time of re-enrollment at the College or the requirements as listed in the current catalog.

## **COURSE PREREQUISITES**

All prerequisites to courses listed in the College catalog must be met by students prior to registration in those courses. If, however, students consider that they have the equivalent of a prerequisite listed for a given course, they may present evidence to the instructor, and may register for the course if written consent is filed by the instructor in the Registrar's Office.

## **COURSE SUBSTITUTION**

Any substitution of a course or courses for those listed as requirements for a degree or certificate must be approved by either the Department Chairperson or Academic Program Coordinator and the Academic Dean. Contact your advisor or the Director of Counseling for additional information.

## **GRADUATION REQUIREMENTS**

All students should schedule a graduation review with their Academic Advisor before registering for their final semester in a degree or certificate program. Eligible students must fill out a graduation application form and pay the appropriate fee by the date published in the academic calendar.

To be eligible for graduation with an Associate in Science, Arts or Applied Science degree or a Certificate from the College, the student must:

1. Fulfill all of the program course requirements in an approved program and have achieved at least a 2.0 cumulative grade point average.

In addition, Associate Degree candidates must complete a minimum of sixty credits in college level courses in an approved Plan of Study with no more than twelve credits carrying a "P" grade.

- 2. Successfully complete at least 50% of courses attempted. At least 25% of credits earned must have been completed at Three Rivers CC.
- 3. Fulfill all financial obligations to the institution.
- 4. Fulfill other requirements consistent with policies of the Board of Trustees which may apply.