

Revised 05/08/2009

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: Delete Rubber Technology AAS Degree Program

Initiating Unit or Individual: Schult/Langell

Contact Person's Name: Schult/Langell e-mail: schultl@ferris.edu, langelll@ferris.edu

phone: Schult – ext 2650, Langell – ext 5260

Date or Term of Proposal Implementation: 10F *no new admittance*

Group I - A – New degree/major or major, redirection of a current offering, or elimination of a degree, major or minor

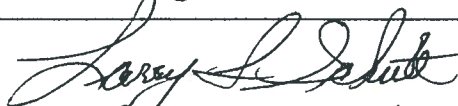
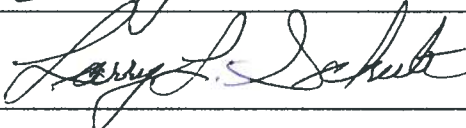
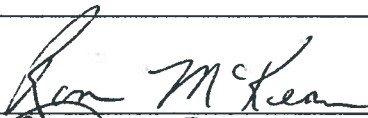


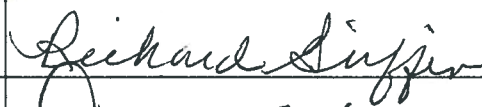

Group I - B – New minors or concentrations

Group II - A – Minor curriculum clean-up and course changes

Group II - B – New Course

Group III - Certificates

Group IV – Off-Campus Programs

Group/Individual	Signature	Date	Vote/Action *
Program Faculty		3/15/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Department Faculty		3/15/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Department Head / Chair			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
College Curriculum Committee		3/18/10	<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Dean		3/18/10	<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
University Curriculum Committee		3/22/10	<input checked="" type="checkbox"/> Support 7-0 <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Senate		4/6/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Academic Affairs		5/28/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support

* Support with Concerns or Not Support must include a list of specific concerns. Votes must be shown for faculty groups. Administrators check appropriate action taken.

To be completed by Academic Affairs <u>7-14-10</u>		
President (Date Approved)	Board of Trustees (Date Approved)	President's Council (Date Approved)

VPAA
APR 12 2010
PROVOST

1. Proposal Summary

Drop the existing Rubber AAS Degree Program. This is being done to allow the creation of a common core AAS Degree called the Plastics and Polymer Engineering Technology AAS Degree. The new degree will better serve the students by focusing them on the study of polymeric materials by combing the current Rubber Technology and Plastics Technology AAS Degrees. This new degree also better serves the plastics and rubber industries and provides graduates the ability to obtain a job in multiple disciplines or to pursue the BS Degree in Plastics Engineering Technology or the BS Degree in Rubber Engineering Technology.

For the sake of admission, the program will be closed to new incoming students when the new PPET Program is approved. The new program is expected to begin Spring Semester of 2011. Please refer to the attached Transition Plan and Timeline which both indicate the timing for the implementation and deletion of the courses and programs. First year students will be advised to transfer into the new program for Spring Semester of 2011. All courses previously taken by these students in their fall semester will apply to the new degree.

2. Summary of All Course Action Required*

a. Newly Created Courses to FSU:
Prefix Number Title

b. Courses to be Deleted From FSU Catalog:
Prefix Number Title

c. Existing Course(s) to be Modified:
Prefix Number Title

d. Addition of existing FSU courses to program
Prefix Number Title

e. Removal of existing FSU courses from program

Prefix Number Title

3. Summary of All Consultations

Form Sent (B or C)	Date Sent	Responding Dept.	Date Received & by Whom
Form B	12/2/09	Manufacturing	
Form B	12/2/09	Mathematics	
Form B	12/2/09	Physical Sciences	
Form C	12/2/09	Library	

4. Will External Accreditation be Sought? (For new programs or certificates only)

Yes No

If yes, name the organization involved with accreditation for this program.

5. Program Checksheets affected by this proposal.

Rubber Technology AAS – To Be Deleted

Rubber Engineering Technology BS – Change Entrance Prerequisite to PPET (New Program)

College of Engineering Technology

March 18th, 2010

Deletion of the AAS in Plastics Technology and the AAS in Rubber Technology was approved through the program, school, and college committees with the original proposal to create the AAS in Plastics and Polymer Engineering Technology (PPET). The AAS in PPET will serve to replace both of the older AAS degrees.

This proposal was created afterward in order to separate out the AAS program deletions from the proposal to create the new AAS PPET degree.



Ron McKean, Associate Dean and Chair of the CET Curriculum Committee



Associate in Applied Science in Rubber Technology

Course Sequence Guide

Student:			
Email:		ID#	
Advisor:		PL#	

YEAR 1 - FALL SEMESTER				YEAR 1 - SPRING SEMESTER			
	Crs.	Gr.			Crs.	Gr.	
RUBR 110	Introduction to Rubber (PLTT/RUBT students)	3		RUBR 121	Rubber Processing 1 (PLTS 110)	3	
ETEC 140	Engineering Graphics	3		MFGT 150	Manufacturing Processes	2	
ENGL 150	English 1 (ACT 14 or ENGL 074)	3		MATH 126	Algebra & Analytical Trig (C- or Better MATH 116)	4	
MATH 116	Intermediate Algebra & Numerical Trig (ACT19 or MATH 110)	4		CHEM 121	General Chemistry 1 (CHEM 103 or H/S CHEM)	5	
	Cultural Enrichment Elective	3			Social Awareness Elective	3	
FSUS 100	FSU Seminar	1					
							Total 17
		Total 17					
YEAR 1 - SUMMER SEMESTER							
	Crs.	Gr.			Crs.	Gr.	
RUBR 193	Rubber Internship	4					
		Total 4					
YEAR 2 - FALL SEMESTER				YEAR 2 - SPRING SEMESTER			
	Crs.	Gr.			Crs.	Gr.	
RUBR 211	Rubber Processing 2	4		RUBR 223	Rubber Measurement & Testing (MATH 116, CHEM 121)	4	
RUBR 212	Rubber Tool Design & Construction (PLTS 110, ETEC 140)	2		EEET 201	Electrical Fundamentals (ACT 24 or MATH 116)	3	
ENGL 250	English 2 (ENGL 150)	3		MECH 250	Fluid Powers w/Controls (MATH 116)	2	
COMM 121	Fundamentals of Public Speaking	3		MGMT 305	Supervision and Leadership	3	
PHYS 211	Introductory Physics 1 (MATH 116 or 120 or 26 ACT)	4		CHEM 211	Fund. Organic/Polymer Chemistry (C- in CHEM 121)	4	
		Total 16				Total 16	

CURRENT CHECKSHEET

Contact the Plastics and Rubber Department for more information!

Phone: 231-591-2640

Email: Plastics&Rubber@ferris.edu

www.ferris.edu/plastics

Plastics and Polymer Engineering Technology Curriculum Transition Plan

The transition from having 2 separate AAS Degrees (1 Rubber Technology and 1 Plastics Technology) to having a common, polymer material based 2 year core of classes will happen in 2 yearly stages. The method is explained below.

Incoming freshmen (whether they have identified rubber or plastics as their curriculum choice) will all be scheduled for the following course in fall semester (2010): PLTS110. There is only 1 entry point to the program(s) and that is in the fall semester only. RUBR110 will not be offered to the students and will be deleted the end of spring semester 2011. For spring semester, the students will all be scheduled for PPET120 and PPET127. Both PLTS121 and RUBR121 will not be offered and those courses will be deleted by the end of spring semester, 2011. Incoming freshmen for the fall 2011 semester will be scheduled into the two new curriculum courses – PPET100 and PPET115. They will continue on in the new curriculum.

Due to the fact that there is only 1 entry point into both the Plastics and Rubber AAS Degree Programs, there shouldn't be existing students caught up between the old and new curriculums. If that would occur, the program will not delete the classes from the old curriculums until an entire year has transpired or all students have completed the requirements.

The existing (old curriculum) students who have finished the first year (their freshmen year) in 2009/2010 will continue with the old curriculum (PLTS211, RUBR211 & RUBR212) in the fall and spring semesters (PLTS212 & PLTS223, RUBR223) of 2010/2011. Those courses will still exist for that year (2010/2011). They will not be deleted until the end of spring semester 2012 in case there is a need for those courses for any reason. Enrollment will cease by fall semester 2012 into any portion of the old curriculum.

By the 2011/2012 school year, the entire new curriculum would be implemented, the freshmen from 2010/2011 would be into their sophomore year, and the existing courses will be replaced by the new courses (PPET212, Major Elective, PPET211, and PPET223). All new students will be exiting the new common AAS Degree by the end of spring 2012.

Throughout the transition, any necessary exceptions and equivalencies will be given to the students to make the transition as transparent to them as possible.

Following the completion of the first two years, the student will have completed enough coursework to be awarded an Associate Degree in Plastics and Polymer Engineering Technology. However, the attainment of or issuance of the degree is not necessary for acceptance into either the Plastics Engineering Technology BS Degree or Rubber Engineering Technology BS Degree Programs. It is an option for the student who does not wish to pursue a bachelorette degree. Those students going on will have a choice between the Plastics Engineering Technology BS Degree Program or the Rubber Engineering Technology BS Degree Program.

Summary Of Transition:

- Fall 2010 - New Freshmen take PLTS110 (the only old curriculum course they will get)
Sophomores already in old curriculum for a year continue/finish old curriculum
- Spring 2011 - New Freshmen transition to new curriculum
Sophomores continue/finish old curriculum, 1st yr old curriculum course delete
- Fall 2011 - New freshmen enter new curriculum
Old curriculum sophomores transition into existing BS Degree Program
Now sophomores (from Fall 2010) continue new curriculum
- Spring 2012 - New freshmen continue new curriculum
Now sophomores (from Fall 2010) continue/finish new curriculum
Remaining courses of old curriculum deleted after this semester
- Fall 2012 - No admission to old curriculum program
All incoming freshmen enter new curriculum

PPET TRANSITION FROM PLTS/RUBR

2010 Freshmen-PLTS110	2010 Freshmen-New Curr	*2010 Freshman-New Curr	*2010 Freshmen-New Curr	#2010 Freshmen-BS Degree
i2009 Freshmen-Old Currs	i2009 Freshmen-Old Currs	^2009 Freshmen-BS Degree	^2009 Freshmen-BS Degree	%2009 Freshmen-BS Degree
	PLTS/RUBR 1st Yr Delete	2011 Freshman-New Curr	2011 Freshman-New Curr	\$2011 Freshman-New Curr
FALL 2010	SPRING 2011	FALL 2011	SPRING 2012	FALL 2012
	No Admittance To PLTS/RUBR			
iNow Sophomores	iNow Sophomores	*Now Sophomores	*Now Sophomores	#Now Juniors
		^Now Juniors	^Now Juniors	%Now Seniors
				\$Now Sophomores

[Out To Spring 2013 >](#)