

P7-131

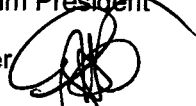


THE FACULTY SENATE

July 13, 2007

MEMORANDUM

TO: Dr. Eddie J. Davis, Interim President

FROM: Angie Hill Price, Speaker 

SUBJECT: Approval of University Curriculum Committee Item **(FS.25.14)**

At its regular meeting on July 9, 2007, the Faculty Senate approved the following curriculum item from the University Curriculum Committee and submits it for your approval. Attached is a copy of the material sent to our Senators.

Special Consideration – Change in Certificate
Dwight Look College of Engineering
 Polymer Specialty Certificate

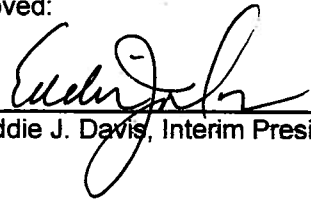
Thank you for your time and consideration. Please inform me of your action on this matter.

Attachment

cc: Jerry Strawser
 Karan Watson
 Paul Meyer
 Sandra Williams
 G. Kemble Bennett



Approved:



 Dr. Eddie J. Davis, Interim President

7/27/07

 Date



DWIGHT
LOOK
COLLEGE OF
ENGINEERING
TEXAS A&M
UNIVERSITY

TEXAS
ENGINEERING
EXPERIMENT
STATION

TEXAS
TRANSPORTATION
INSTITUTE

TEXAS
ENGINEERING
EXTENSION
SERVICE



ENGINEERING PROGRAM • THE TEXAS A&M UNIVERSITY SYSTEM

MEMORANDUM

H15

UCC/GC MAY 10 2007
FS JUL 09 2007
Pres. App JUL 27 2007
SIMS _____
Catalog _____

TO: Dr. Robert Knight
FROM: Dr. Jo W. Howze *Jo Howze*
DATE: April 10, 2007
SUBJECT: Change Request – Polymer Specialty Certificate

The Dwight Look College of Engineering requests the following changes to the Polymer Specialty Certificate:

- Remove CHEN 451 Introduction to Polymer Engineering from the list of “Approved Electives” and add to list of “Required Courses”

One of the current required courses, CHEN 466, will no longer be taught on a regular basis. This change will provide students with 3 choices from which to select their required courses. We have attached the current and proposed certificate curriculums, the amendment request letter from the Polymer Technology Center and letter of support from the Chemical Engineering Department for your review.

TEXAS A&M ENGINEERING

Engineering Polymer Specialty Certificate

Worksheet

Student Name: _____ Date: _____ UIN: _____
 Email: _____

To earn the Polymer Specialty Certificate, a student must complete a minimum of 12 semester credit hours selected from the list below:

Required Courses		Semester Taken	Grade Received
MEEN 458	Processing & Characterization of Polymers	_____	_____
CHEM 466	Polymer Chemistry	_____	_____

Approved Technical Electives

CHEN 451	Intro to Polymer Engineering		
MEEN 455	Engineering with Plastics	_____	_____
MEEN 471	Elements of Composite Materials	_____	_____
AERO 406	Polymer Nanocomposites and Their Applications	_____	_____
MEEN 451	Viscoelastic Solids	_____	_____
*MEEN 485	Individual Research	_____	_____
*CHEN 485	Individual Research	_____	_____
*AERO 485	Individual Research	_____	_____
*CHEM 485	Individual Research	_____	_____
BMEN 482	Polymeric Biomaterials	_____	_____
CHEN 642	Colloidal & Interfacial	_____	_____

*Up to 3 hours of credit can be substituted with research emphasizing polymers (provided polymer coursework has been initiated. Research must be approved by the Director of the Polymer Technology Center.

Note: This form will be verified by the Engineering Student Service Academic Programs Office and approval given upon verification of requirements by the Program Coordinator and the Dean of Academic Programs to earn the certificate.

For Engineering Student Service Academic Programs Office:

Verified by: _____ Date: _____

TEXAS A&M ENGINEERING

Engineering Polymer Specialty Certificate

Worksheet

Student Name: _____ Date: _____ UIN: _____

Email: _____

To earn the Polymer Specialty Certificate, a student must complete a minimum of 12 semester credit hours selected from the list below:

Required Courses		Semester Taken	Grade Received
CHEN 451	Intro to Polymer Engineering	_____	_____
MEEN 458	Processing & Characterization of Polymers	_____	_____
CHEM 466	Polymer Chemistry	_____	_____

Approved Technical Electives

MEEN 455	Engineering with Plastics	_____	_____
MEEN 471	Elements of Composite Materials	_____	_____
AERO 406	Polymer Nanocomposites and Their Applications	_____	_____
MEEN 451	Viscoelastic Solids	_____	_____
*MEEN 485	Individual Research	_____	_____
*CHEN 485	Individual Research	_____	_____
*AERO 485	Individual Research	_____	_____
*CHEM 485	Individual Research	_____	_____
BMEN 482	Polymeric Biomaterials	_____	_____
CHEN 642	Colloidal & Interfacial	_____	_____

*Up to 3 hours of credit can be substituted with research emphasizing polymers (provided polymer coursework has been initiated. Research must be approved by the Director of the Polymer Technology Center.

Note: This form will be verified by the Engineering Student Service Academic Programs Office and approval given upon verification of requirements by the Program Coordinator and the Dean of Academic Programs to earn the certificate.

For Engineering Student Service Academic Programs Office:

Verified by: _____

Date: _____



TEXAS A&M UNIVERSITY
Department of Mechanical Engineering

February 14, 2007

From: Professor Hung-Jue Sue
PTC Director
Dept. of Mechanical Engineering

A handwritten signature in black ink, appearing to read "Hung JS", with a horizontal line extending to the right.

RE: Amendment to the Polymer Specialty Certificate Program

To Whom It May Concern:

The Polymer Technology Center would like to make an amendment to the requirement of Polymer Specialty Certificate Program since the faculty member who is mainly responsible for teaching one of the two core courses, CHEM 466 (Polymer Chemistry), will be leaving TAMU around August 2007.

Because of the above situation, CHEM 466 will no longer be taught on a regular basis. Consequently, PTC needs to modify the requirements by adding a new core course for our undergraduate students to choose from. The core courses for students to choose from now become:

- CHEN 451 – Introduction to Polymer Engineering (Newly Added)
- MEEN 458 – Characterization and Processing of Polymers
- CHEM 466 – Polymer Chemistry

Upon approval of this proposed amendment, the students will be able to receive the Polymer Specialty Certificate by taking two out of the above three core courses and two additional elective polymer courses. We feel that it is necessary to make such an amendment for TAMU students to receive the Polymer Specialty Certificate in the coming years.





TEXAS A&M UNIVERSITY
DWIGHT LOOK COLLEGE OF ENGINEERING
ARTIE McFERRIN DEPARTMENT OF CHEMICAL ENGINEERING

MEMORANDUM

TO: Jo W. Howze, Associate Dean, Look College of Engineering
FROM: N. K. Anand, Interim Department Head, Chemical Engineering
CC: Jacqueline Hodge
DATE: March 9, 2007
SUBJECT: Amendment to the Polymer Specialty Certificate

A handwritten signature in black ink, appearing to read 'N. K. Anand', with a horizontal line underneath.

The Department of Chemical Engineering supports amending the Polymer Specialty Certificate by removing CHEN 451 (Introduction to Polymer Engineering) from the list of "Approved Technical Electives" and adding it as one of the possible "Required Courses". This amendment will give students the opportunity to choose two required courses out of a selection of three.