

Revision for CHEM 455

Proposal Reference Number : 538

Version No : 2

Submitted By : Prof David M Ronis

Edited By : Miss Lisa Stanischewski

[Display Printable PDF](#)Summary of Changes **Course Description**

	Current Data	New Data				
Program Affected?		N				
Program Revision Form Submitted?						
Subject/Course/Term	CHEM 455 <ul style="list-style-type: none"> one term 					
Credit Weight or CEU's	3 credits.					
Course Activities	<ul style="list-style-type: none"> A - Lecture 					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Intro Polymer Chem</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Introductory Polymer Chemistry.</td> </tr> </table>	Course Title on Transcript	Intro Polymer Chem	Course Title on Calendar	Introductory Polymer Chemistry.	
Course Title on Transcript	Intro Polymer Chem					
Course Title on Calendar	Introductory Polymer Chemistry.					
Rationale		Description changed to better reflect current content.				
Responsible Instructor						
Course Description	A survey course on the structure of polymers, kinetics and mechanisms of polymer and copolymer synthesis; characterization and molecular weight distributions; polymer microstructure, the thermodynamics of polymer solutions; the crystalline and amorphous states, rubber elasticity and structure-property relationships.	An introductory survey course on the structure of natural and synthetic polymers, methods for their preparation and characterization, and many current applications. Physical properties such as the mechanical strength, glass transition, and rubber elasticity will be discussed and related to the				
Teaching Dept.	0287 : Chemistry					
Administering Faculty/Unit	SC : Faculty of Science					
Prerequisites	Prerequisites: CHEM 243 and CHEM 263 or CHEM 213 and CHEM 273, or CHEM 233 (For engineering students only).					
Corequisites						
Restrictions						
Supplementary Calendar Info	1. Fall					
Additional Course Charges						

