

## Curriculum Committee



### Change of Course Proposal

<b>School or Division</b>	School of Pure and Applied Sciences
<b>Program or Certificate</b>	List name of program or certificate
<b>Proposed by (faculty only)</b>	Serhiy Pasishnyk
<b>Presenter (faculty only)</b>	List faculty name(s)
Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and be resubmitted for a later date.	
<b>Submission date</b>	7/17/2020
<b>Current course prefix, number, and title</b>	General Chemistry II Laboratory – CHM 2046L
All Curriculum proposals require approval of the Curriculum Committee and the Provost. Final approval or denial of a proposal is reflected on the completed and signed proposal. <input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
<hr/> <i>Curriculum Committee Chair Signature</i> <span style="float: right;"><i>Date</i></span>	
<input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
<hr/> <i>Provost Signature</i> <span style="float: right;"><i>Date</i></span>	
All Curriculum proposals require review by the Office of Accountability & Effectiveness.	
<input type="checkbox"/> Reviewed	
<hr/> <i>Office of Accountability &amp; Effectiveness Signature</i> <span style="float: right;"><i>Date</i></span>	

### **Section I, Important Dates and Endorsements Required**

**NOTE:** Course and Program changes must be submitted by the dates listed on the published Curriculum Committee Calendar. Exceptions to the published submission deadlines must receive prior approval from the Provost' Office.

<b>Term in which approved action will take place</b>	Choose an item.
<b>Provide an explanation below for the requested exception to the effective date.</b>	

<b>Type in the explanation for exception.</b>		
<b>Any exceptions to the term start date requires the signatures of the Academic Dean and Provost prior to submission to the Dropbox.</b>		
<b>Dean</b>	<b>Signature</b>	<b>Date</b>
Donald J. McGarey		
<b>Provost</b>	<b>Signature</b>	<b>Date</b>
Dr. Eileen DeLuca		

<b>Required Endorsements</b>	<b>Type in Name</b>	<b>Select Date</b>
<b>Department Chair or Program Coordinator/Director</b>	Peggy A. Romeo	7/17/2020
<b>Academic Dean or Provost</b>	Donald J. McGarey	7/17/2020

**List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).**

**Type in all applicable faculty names here**

Serhiy Pasishnyk  
Kim Hilton  
Di Xue  
Qin Liu  
Valentin Zalessov

## **Section II, Proposed Changes**

<b>Change to course prefix and number</b> Lecture/lab course combined must include "C" / lab course must include "L"	<b>List new course prefix and number</b>
<b>Do any of the changes affect the AA focus? (If so, a Change of Program proposal is also needed.)</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Provide justification for the proposed prerequisite(s).</b>	
<b>Change to course title</b>	<b>List new course title</b>
<b>Does the Course Title Change affect other courses? (Ex: If Guitar I becomes Intro to Guitar, should Guitar II become Guitar I?)</b>	

<b>Change of School, Division, or Department</b>	List new school, division, or department
<b>Change to course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D")</b>	From: To:
<b>Change to course co-requisites</b>	From: To:
<b>Provide justification for the proposed co-requisite(s).</b>	
<b>Is any co-requisite for this course listed as a co-requisite on its paired course?</b>  (Ex. CHM 2032 is a co-requisite for CHM 2032L, and CHM 2032L is a co-requisite for CHM 2032)	Choose an item.  List the co-requisite
<b>Change to course credits or clock hours</b>	From: To:
<b>Change to contact hours (faculty load)</b>	From: To:
<b>Are the Contact hours different from the credit/lecture/lab hours?</b>	
<b>Change to grade mode</b>	Standard Grading (A, B, C, D, F)
<b>Change to credit type</b>	College Credit
<b>Change to course description (provide below)</b>	
Type in entire new course description here	
<b>Change to general topic outline (type in entire new outline below)</b>	

**Change to Learning Outcomes:** For information purposes only.

<p><b>IV. Course Competencies, Learning Outcomes and Objectives</b></p> <p><b>A. General Education Competencies and Course Outcomes</b></p> <ul style="list-style-type: none"> <li>• List, explain, and apply the basic safety rules and procedures in the chemistry laboratory.</li> <li>• Recognize and correctly use standard laboratory glassware and analytical equipment for conducting experiments.</li> <li>• Identify and use basic scientific laws, concepts, and models in experiments and calculations.</li> </ul>
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- Perform quantitative measurements to determine the colligative, thermodynamic, acid-base, kinetic, equilibrium, and electrochemical properties of the selected chemical systems.
- Interpret and analyze the experimental data, perform calculations, summarize the scientific findings, and draw conclusions.
- Generate and use graphs, including manual or based on Excel (or similar software), to analyze, calculate, or interpret experimental and graphical data.
- Communicate the results of an experiment in the form of a laboratory report.

**B. In accordance with Florida Statute 1007.25 concerning the state’s general education core course requirements, this course meets the general education competencies for ....**

**Part B would only be included in the course outlines of those courses are included in the FSW Catalog as a General Education Core Course. If this is not a core course, then outline letter C would become B.**

**C. Other Course Objectives/Standards**

**Section III (must complete each item below)**

<b>Should any major restrictions be listed on this course? If so, select "change" and list the appropriate major restriction codes or select no change.</b>	<b>Choose an item.</b> <b>List applicable major restriction codes</b>
<b>Change course to an “International or Diversity Focus” course?</b>	No, not International or Diversity Focus
<b>Change course to a General Education course?</b>	No
<b>Change course from General Education to non-General Education?</b>	No
<b>Change course to a Writing Intensive course?</b>	No
<b>Change course from Writing Intensive to non-Writing intensive?</b>	No
<b>Change course to repeatable?</b>  (A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3 credit hour course can be repeated 1 time and a student can earn a maximum of 6 credits). *Not the same as Multiple Attempts or Grade Forgiveness	<b>Choose an item.</b> <b>If repeatable, list maximum number of credits</b>

<b>Impact of Change of Course Proposal</b>	
<b>Will this change of course proposal impact other courses, programs, departments, or budgets?</b>	No

<b>If the answer to the question above is “yes”, list the impact on other courses, programs, or budgets?</b>	List impacts here
<b>Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.</b>	
This proposal was discussed with Chemistry faculty only	
<b>Will this change of course proposal impact library services or budgets?</b>	No
<b>If the answer to the question above is “yes”, list the impact on other courses, programs, or budgets?</b>	List impacts here
<b>Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.</b>	
This proposal was discussed with Chemistry faculty and the Dean of the School of Pure and Applied Sciences, and reviewed by the same people in addition to the Science Department Chair.	

#### **Section IV, Justification for proposal**

<b>Provide justification (below) for each change on this proposed curriculum action.</b>
The proposed changes to the Course Learning Outcomes are better defined and more complete than the existing CLOs. Also, the proposed changes better correspond to the requirements of the Quality Matters Rubric and allow better alignment of the Modules’ and Labs’ Objectives with the Course Learning Outcomes.
Changes were made with review by all full-time chemistry professors at FSW and their feedback.