## change of COURSE PROPOSAL FORM

**ACADEMIC AREA:** MATH AND SCIENCES

**PROGRAM:** AA GENERAL EDUCATION

**PROPOSEd by**: Dr. Lisa McGarity

**PRESENTER:** Dr. Lisa McGarity

**SUBMISSION DATE:** 10/5/2012

**CURRENT COURSE PREFIX, NUMBER AND TITLE:**

### CHM 2025/2025L INTRO TO COLLEGE CHEMI/LAB SECTION I

**TYPE(S) OF COURSE CHANGE: TYPE PROPOSED CHANGE HERE FOR EACH ITEM CHECKED:**

**** lecture/lab course must have “c” / lab course must have “l”

 type new COURSE TITLE HERE

**** TYPE IN DEPARTMENT

**** MAT 1033 intermediate algebra or higher math or placement testing with a score placing the student in a course higher than MAT1033, completion of all College Prep Reading and English courses

**** C

**** LIST ALL COREQUISITES IN SEQUENTIAL ORDER

**** Click here to ENTER THE NUMBER CREDITS OR cLOCK HOURS

**** SELECT A CREDIT TYPE

**** Click here to enter CONTACT HOURS

**** SELECT GRADE MODE

****

Type your course description as you would like it to appear in the catalog and syllabus.

****

Click here to enter topic outline. Feel free to use bullets to format the outline.

****

TYPE IN ALL OF THE LEARNING OUTCOMES, ASSESSMENTS AND GEN ED COMPETENCIES AS THEY SHOULD BE DISPLAYED IN THE SYLLABUS

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| LEARNING OUTCOMES | ASSESSMENTS | GENERAL EDUCATION COMPETENCIES |
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### SECTION II (must complete each item below)

**ICS CODE FOR THIS COURSE:** ADVANCED AND PROFESSIONAL - 1.11.19 - PHYSICAL SCIENCES

**IF YOU INTEND TO RESTRICT STUDENT REGISTRATION BASED ON THE STUDENTS’ MAJOR(S), ENTER ALL APPLICABLE MAJOR RESTRICTION CODE(S)—Enter “NA” OR MAJOR code(S):**

Click here to enter text

**GRADE MODE:** STANDARD GRADING

**IS THIS AN “INTERNATIONAL OR DIVERSITY FOCUS” COURSE?** NO

**IS THIS A GENERAL EDUCATION COURSE?** YES

**IS THIS A WRITING INTENSIVE COURSE?** NO

**iS THIS AN HONORS COURSE?** NO

**IS THIS A REPEATABLE\* COURSE?** NO

(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

**IF “YES”, WHAT IS THE MAXIMUM NUMBER OF CREDITS A STUDENT CAN EARN FOR THIS COURSE? if “NO”, ENTER “na” BELOW.**

NA

**DO YOU EXPECT TO OFFER THIS COURSE THREE TIMES OR LESS?** NO

**WILL THESE CHANGES HAVE AN IMPACT ON OTHER COURSES, PROGRAMS OR DEPARTMENTS?**

YES

**IF “YES,” please eXPLAIN or submit comments (ENTER “NA” or COMMENTS):**

requirement proposed is MAT 1033, INTERMEDIATE ALGEBRA. MANY SECTIONS ARE OFFERED COLLEGE-WIDE SO STUDENT ACCESS Is NOT AN ISSUE. Dr. Joan Vanblabek has assured me that this will not impact the math department significantly.. Dental Hygiene also requires CHM 2025/2025L but MAT 1033 is a prerequisite for that program already. This program ultimately requires MGF 1106 or mac 1105 - both are higher level math than mat 1033.

**IF “YES,” HAVE YOU DISCUSSED THIS PROPOSAL WITH ANYONE (FROM OTHER DEPARTMENTS AND/OR PROGRAMS) REGARDING THE IMPACT? WERE ANY AGREEMENTS MADE (ENTER “NA” OR COMMENTS)?**

yes, it has been discussed with dr. joan vanglabek (math department) and dr. Jeff elsberry (correspondance is cited below) AND THEY SAW NO PROBLEMS WITH THIS REQUEST.

CLICK HERE TO ENTER TEXT

**DO YOU ANTICIPATE THAT STUDENTS WILL BE TAKING ANY OF THE PREREQUISITES LISTED FOR THIS COURSE IN DIFFERENT PARTS OF THE SAME TERM?**

NO

**IS ANY COREQUISITE LISTED ON THIS COURSE LISTED AS A COREQUISITE ON ITS PAIRED COURSE?**

CHM 2025 and chm 2025L are corequisites

YES

### SECTION III (MUST COMPLETE EACH ITEM BELOW)

**PROVIDE JUSTIFICATION FOR EACH CHANGE ON THIS PROPOSED CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION)—ENTER “na” OR TEXT:**

1. THE OTHER INTRODUCTORY COURSE, CHM 2032 HAS MAT 1033 AS A PRE-REQUISITE.  
2. many 2-YEAR COLLEGES IN FLORIDA HAVE MATH PRE-REQUISITEs, and some require a HIGHER level than what is in this proposal.  
3. STUDENTS WITH A STRONGER MATH BACKGROUND WILL HAVE GREATER RETENTION THAN THOSE WHO ARE UNPREPARED.  
4. THIS COURSE IS OFFERED ONLINE and state-wide AS WELL, SO WE WANT TO MAKE SURE all STUDENTS HAVE THE NECESSARY MATH BACKGROUND.  
5. some students will test high enough in math that they will not need to take the prerequisite.  
6. a majority of the chemistry faculty are in favor of this change.

7. we presently spend a great deal of the semester teaching algebra, graphing, and other skills that are taught in mat 1033.

**nOTE:** Changes for the Fall 2013 Term must be submitted and approved no later than the January Curriculum Committee Meeting prior to the start of the next academic year. Changes during mid-school year are NOT permitted. Extreme circumstances will require approval from the appropriate dean as well as the Vice President of Academic Affairs to begin in either the spring or summer term.

**TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:**

FALL 2013

TYPE IN TERM IF “EXCEPTION” AND OBTAIN BOTH SIGNATURES BELOW OR TYPE “NA”

**oRDER OF APPROVAL FOR EXCEPTIONS IS AS FOLLOWS:**

SIGNATURE #1 NEEDED FOR EFFECTIVE TERM EXCEPTION:



SIGNATURE #2 NEEDED FOR EFFECTIVE TERM EXCEPTION:



**FACULTY ENDORSEMENTS:**PLEASE SEPARATE FACULTY MEMBERS WITH A COMMA



**DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:**

 10/26/2012

**ASSOCIATE / ACADEMIC DEAN ENDORSEMENT:**

 2/20/2013

**DEANS’ COUNCIL Review – verified by:**

 1/16/2013

**STUDENT ASSESSMENT COMMITTEE CHAIR ENDORSEMENT:**

 PLEASE SELECT TODAY’S DATE

**FOR CURRICULUM COMMITTEE MEETING DATE: February 22, 2013**

Completed curriculum proposals must be uploaded to the dropbox by the deadline. Please refer to the *Curriculum Committee Critical Dates for Submission for Proposals* document available in the document manager in the MyEdisonState Portal:

* Document Manager
* VP Academic Affairs
* Curriculum Process Documents

From: Jeffrey Elsberry

Sent: Friday, November 02, 2012 8:20 AM

To: Lisa Ann R. McGarity

Cc: Robert Jeff Davis; Karen Molumby

Subject: RE: Can you help?

Lisa:

This is my understanding of the current requirements for Health professions programs as regards Chemistry and Mathematics. The Dental Hygiene Program specifies CHM 2025 and 2025L (or higher) The Cardiovascular Technology Respiratory Care As Programs as well as the BAS in Cardiopulmonary Sciences specify CHM 2032 & 2032L (or higher). All these programs require either MGF 1106 or MAC 1105 (or higher) for Mathematics. MAT1033 or testing is a pre-req. for both of those so a pre-req. of MAT 1033 or higher for CHM 2025 would not pose a new impediment for these students.

Please let me know if I can help further for this issue.

---Jeff Elsberry