Curriculum Committee

FLORIDA SOUTHWESTERN STATE COLLEGE

Change of Course Proposal

School or Division	School of Pure and Applied Sciences
Program or Certificate	General Education
Proposed by (faculty only)	David Licht
Presenter (faculty only)	David Licht
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.	
Submission date	3/20/2019
Current course prefix, number, and title	MAC 1114 Trigonometry

All Curriculum proposals require approval of the Curriculum Committee and the Interim Provost for Academic Affairs. Final approval or denial of a proposal is reflected on the completed and signed proposal.

☒ Approve ☐ Do Not Approve

Mary E. Myers — *Curriculum Committee Chair Signature*

4/12/19 — *Date*

Information Item

☑ Approve ☐ Do Not Approve

Interim Provost for Academic Affairs Signature

4-17-19 — *Date*

All Curriculum proposals require review by the Office of Accountability & Effectiveness.

☑ Reviewed

Barbara D. Miley — *Office of Accountability & Effectiveness Signature*

4-19-19 — *Date*

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 Interim Provost for Academic Affairs' Office.

Term in which approved action will take place	Fall 2019
Provide an explanation below for the requested exception to the effective **date.**	
Information item only.	

Any exceptions to the term start date requires the signatures of the Academic Dean and Interim Provost for Academic Affairs prior to submission to the Dropbox.		
Dean	**Signature**	**Date**
Type name here		
Interim Provost for Academic Affairs	**Signature**	**Date**
Dr. Eileen DeLuca		

Required Endorsements	**Type in Name**	**Select Date**
Department Chair or Program Coordinator/Director	Dr. Ivana Ilic	3/20/2019
Academic Dean or Interim Provost for Academic Affairs		Click here to enter a date.

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
Approved by the mathematics faculty in attendance at the mathematics department meeting (3/15/2019) unanimously.

Section II, Proposed Changes

Change to course prefix and number Lecture/lab course combined must include "C" / lab course must include "L"	List new course prefix and number
Do any of the changes affect the AA focus? (If so, a Change of Program proposal is also needed.)	☐ Yes ☐ No
Provide justification for the proposed prerequisite(s).	
Change to course title	List new course title
Does the Course Title Change affect other courses? (Ex: If Guitar I becomes Intro to Guitar, should Guitar II become Guitar I?)	
Change of School, Division, or Department	List new school, division, or department
Change to course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D")	From: To:
Change to course co-requisites	From: To:
Provide justification for the proposed co-requisite(s).	
Is any co-requisite for this course listed as a co-requisite on its paired course? (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
Change to course credits or clock hours	From: To:
Change to contact hours (faculty load)	From: To:
Are the Contact hours different from the credit/lecture/lab hours?	
Change to grade mode	Choose an item.
Change to credit type	Choose an item.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 3/18, 5/18, 6/18; 10/18

Change to course description (provide below)
Type in entire new course description here

Change to general topic outline (type in entire new outline below)
•   •

Change to Learning Outcomes: For information purposes only.

IV. Course Competencies, Learning Outcomes and Objectives

A. General Education Competencies and Course Outcomes

1. Listed here are the course outcomes/objectives assessed in this course which play an integral part in contributing to the student's general education along with the general education competency it supports.

   Integral *General Education Competency*: **Evaluate**

   Course Outcomes or Objectives Supporting the General Education Competency Selected:

Students will be able to:

- Solve trigonometric equations

B. Other Course Objectives/Standards

Students will be able to:

- Evaluate trigonometric functions and inverse trigonometric functions related to special angles given in degrees and/or radians without a calculator.
- Evaluate trigonometric functions and inverse trigonometric functions related to an angle given in degrees or radians by using a graphing calculator.
- Analyze trigonometric functions and identify properties such as domain, range, amplitude, period, phase shift, and vertical shift when appropriate.
- Graph trigonometric functions and/or their inverses both analytically and using a graphing utility.
- Evaluate inverse trigonometric functions involving numeric values and algebraic expressions analytically.
- Prove trigonometric identities.

• Select and apply appropriate fundamental trigonometric identities, including double angle formulas to solve trigonometric equations and to prove trigonometric identities. • Solve right triangles using definitions of the trigonometric functions and solve oblique triangles using the Law of Sines and the Law of Cosines. • Perform basic vector operations including the dot product. • Sketch a curve that is represented by a set of parametric equations. • Graph polar equations. • Convert points and equations between polar and rectangular forms. • Apply trigonometry to solve real world problems.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 3/18, 5/18, 6/18; 10/18

Section III (must complete each item below)

Should any major restrictions be listed on this course? If so, select "change" and list the appropriate major restriction codes or select no change.	No change List applicable major restriction codes
Change course to an "International or Diversity Focus" course?	No, not International or Diversity Focus
Change course to a General Education course?	No
Change course from General Education to non-General Education?	No
Change course to a Writing Intensive course?	No
Change course from Writing Intensive to non-Writing intensive?	No
Change course to repeatable? (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	No If repeatable, list maximum number of credits

Impact of Change of Course Proposal	
Will this change of course proposal impact other courses, programs, departments, or budgets?	No
If the answer to the question above is "yes", list the impact on other courses, programs, or budgets?	List impacts here
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.	
Provide detail information here	

Impact of Change of Course Proposal	
Will this change of course proposal impact library services or budgets?	No

If the answer to the question above is "yes", list the impact on other courses, programs, or budgets?	List impacts here
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.	
Provide detail information here	

Section IV, Justification for proposal

Provide justification (below) for each change on this proposed curriculum action.
Faculty within the mathematics department determined that course objectives for this course needed to be revised and updated.

From: Eileen DeLuca
To: Mary Myers; Martin A. McClinton
Cc: Jeffrey D. Peterman
Subject: RE: 2018-2019-Change_of_Course_Proposal MAC 1114
Date: Wednesday, March 27, 2019 7:20:29 AM

I support this.

From: Mary Myers
Sent: Monday, March 25, 2019 1:01 PM
To: Martin A. McClinton <Martin.McClinton@fsw.edu>
Cc: Eileen DeLuca <Eileen.DeLuca@fsw.edu>; Jeffrey D. Peterman <Jeffrey.Peterman@fsw.edu>
Subject: Re: 2018-2019-Change_of_Course_Proposal MAC 1114

It is an information item, so I can easily add it if Dr. DeLuca approves.

Mary

On Mar 25, 2019, at 12:50 PM, Martin A. McClinton <Martin.McClinton@fsw.edu> wrote:

> Dr. DeLuca
>
> The math department is recommending some minor changes to the syllabus language for the MAC1114 Trigonometry class; I think that this is an information item, but still needs your approval to move forward. I am not sure that it can make the April meeting though
>
> Martin
>
> <2018-2019-Change_of_Course_Proposal MAC 1114.docx>