Course Inventory Change Request

Date Submitted: 12/01/14 2:33 pm

Viewing: **MATH 1710 : Calculus for Engineering and Science I**

Last edit: 12/01/14 2:56 pm

Changes proposed by: TAMTINY

---

**In Workflow**

1. MATH Editor
2. MATH Chair
3. SM Undergraduate Curriculum Committee Chair
4. SM Editor
5. SM Associate Dean
6. Coordinator Curriculum Management
7. University Curriculum Committee Chair
8. Coordinator Curriculum Management

**Approval Path**

1. 12/01/14 2:51 pm
   HOLLIGD: Approved for MATH Editor

2. 12/01/14 2:57 pm
   TAMTINY: Approved for MATH Chair

3. 12/01/14 4:46 pm
   CAMMAVI: Approved for SM Undergraduate Curriculum Committee Chair

4. 12/02/14 9:28 am
   YARBREL: Approved for SM Editor

5. 12/02/14 9:33 am
   CAMMAVI: Approved for SM Associate Dean

---

**Catalog Pages referencing this course**

- Chemical Engineering
- Chemical Engineering - CHEN
- College of Sciences and Mathematics
- Mathematics & Statistics
- Mathematics - MATH
- Physics
- Physics - PHYS
- Samuel Ginn College of Engineering
- Statistics - STAT
Programs referencing this course

Other Courses referencing this course

In The Catalog

Description:

CHEN 2101 : Prin Of Chem Engineering Lab
MATH 1610 : Calculus I
MATH 1613 : Calculus I
MATH 1617 : Honors Calculus I

Submitter:

User ID: TAMTINY
Phone: 6572

Change Type

Other Change Type
Pre Requisite
Pre-req only

Proposing College/School:

Coll of Sciences & Mathematics

Department:

Mathematics & Statistics

Effective Term:

Fall 2015

Subject Code:

Mathematics (MATH)

Course Number:

1710

The proposed pre-requisite change is based on the recommendation by the Math Placement Committee of the Department of Mathematics and Statistics. The committee did a statistical analysis in which students with the proposed prerequisite will have 75% chance of success.

Course Title:

Calculus for Engineering and Science I

Abbreviated Title:

Calculus For Engr And Sci I

<table>
<thead>
<tr>
<th>Schedule Type</th>
<th>Contact/Group Hours</th>
<th>Weekly or Per Term?</th>
<th>Credit Hours</th>
<th>Anticipated Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEC</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecture</td>
<td>4</td>
<td>Weekly</td>
<td>4</td>
<td>27</td>
</tr>
</tbody>
</table>

Can the course be repeated? No

Total Credit Hours: 4

Grading Type:

Standard Grades
Prerequisites: Pr. Math ACT 26 or Math SAT 600 or above, or grade "C" or better in MATH 1130/1133/1150/1153.

Prerequisite Courses:

Corequisites:

Restrictions:

Other Restrictions: Credit will be given for only one of MATH 1610/1613/1617/1710. Credit will not be given for MATH 1680 and MATH 1710.

Admin Restrictions:

Course Description: Mathematics Core. Vector algebra, limits, derivatives and antiderivatives of real and vector valued functions and applications. The fundamental theorem of calculus. MATH 1710 and MATH 1720 include and re-order the material of MATH 1610 and MATH 1620, and MATH 1720. 1720 may be substituted for MATH 1620. MATH 1710 is not a sufficient prerequisite for MATH 1620. Credit will be given for only one of MATH 1610, MATH 1617, or MATH 1710. Credit will not be given for MATH 1680 and MATH 1710.

May Count Either:

Affected Program(s):

Overlapping or Duplication of Other Units' Offerings:

Resources

Course Objectives/Outcomes

Is this course considered University Core? Yes No

Which Student Learning Outcomes are achieved? SL04 Mathematical Methods

How would outcomes be assessed?

Course Content Outline
Assignments / Projects

Rubric and Grading Scale

Attachments

Course reviewer comments

CAMMAVI (10/30/14 9:28 am): Rollback: equivalent SAT
WILLIF2 (12/01/14 1:43 pm): Rollback: correction