Course Inventory Change Request

Date Submitted: 12/01/14 1:31 pm

Viewing: MATH 1610 : Calculus I

Last edit: 12/01/14 1:36 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 1:34 pm
   HOLLIGD: Approved for MATH Editor
2. 12/01/14 1:36 pm
   TAMTINY: Approved for MATH Chair
3. 12/01/14 4:45 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

Agric Economics - AGEC
Agricultural Economics and Rural Sociology
Biological Sciences
Biology - BIOL
Building Science - BSCI
Business Analytics - BUAL
Chemical Engineering
Chemical Engineering - CHEN
Chemistry & Biochemistry
programs referencing this course

Chemistry - CHEM
Civil Engineering
Civil Engineering - CIVL
College of Agriculture
College of Architecture, Design, and Construction
College of Liberal Arts
College of Sciences and Mathematics
Department of Aviation and Supply Chain Management
Economics
Economics - ECON
Engineering - ENGR
Geology & Geography
Geology - GEOL
James Harrison School of Pharmacy
Mathematics & Statistics
Mathematics - MATH
McWhorter School of Building Science
Physics
Physics - PHYS
Political Science
Polymer & Fiber Engineering - PFEN
Polymer and Fiber Engineering
Raymond J. Harbert College of Business
Samuel Ginn College of Engineering
Statistics - STAT

ACTU-BS: BS Applied Mathematics - Actuarial Science Option
AERO-BAE: BAE Aerospace Engineering
AERO-OTHER: BAE Aerospace Engineering
AMTH-BS: BS Applied Mathematics
AYPR-BS: BS Agronomy and Soils - Production Option
AYSC-BS: BS Agronomy and Soils - Science Option
AYSW-BS: BS Agronomy and Soils - Soil, Water and Land Use Option
BCHM-BS: BS Biochemistry
BMSC-BS: BS Biomedical Sciences
BSCI-BS: BS Building Science
BSEN-BBSE: BBSE Biosystems Engineering
BSEN-OTHER: BBSE Biosystems Engineering
CCHB-BS: BS Chemistry Education
CHEM-BS: BS Chemistry
CHEN-OTHER: BChE Chemical Engineering
CHEN-bcHE: BChE Chemical Engineering
CHMA-BA: BA Chemistry
CIVL-BCE: BCE Civil Engineering
CIVL-OTHER: BCE Civil Engineering
CMAB-BS: BS Mathematics Education
CONS-BS: BS Organismal Biology - Conservation and Biodiversity Option
CPHB-BS: BS Physics Education
CSCI-BS: BS Computer Science
CSIB-BS: BS General Science Education
CSPD-BS: BS Pre-Dentistry and Pre-Medicine, COSAM
CSPO-BS: BS Pre-Optometry, COSAM
CSPP-BS: BS Pre-Pharmacy, COSAM
CSPT-BS: BS Pre-Physical Therapy, COSAM
CSPV-BS: BS Pre-Veterinary Medicine, COSAM
DISC-BS: BS Applied Mathematics - Applied Discrete Mathematics Option
ECEB-BS: BS Organismal Biology - Ecology, Evolution, and Behavior Option
ECEN-OTHER: BBSE Biosystems Engineering (Ecological Engineering Option)
ECEN-bbse: BBSE Biosystems Engineering (Ecological Engineering Option)
ECNL-BS: BS Economics - Quantitative Track
ECNQ-BS: BS Economics - Quantitative Track
ECPE-BEE: BEE Electrical Engineering - Computer Engineering Option
ECPE-OTHER: BEE Electrical Engineering - Computer Engineering Option
ELEC-BEE: BEE Electrical Engineering
ELEC-OTHER: BEE Electrical Engineering
ENVI-BS: BS Environmental Science
FDSC-BS: BS Poultry Science - Food Science Option
FIPV-BS: BS Fisheries and Allied Aquacultures - Pre-Veterinary Medicine Option
FISH-BS: BS Fisheries and Allied Aquacultures
FOEN-OTHER: BBSE Biosystems Engineering (Forestry Engineering Option)
FOEN-bbse: BBSE Biosystems Engineering (Forestry Engineering Option)
FREN-BPFE: BPFE Polymer and Fiber Engineering - Fiber Option
FREN-OTHER: BPFE Polymer and Fiber Engineering - Fiber Option
GEOG-BA: BA Geography
GEOL-BS: BS Geology
HESB-BS: BS Exercise Science
IASU-OTHER: BIArch Interior Architecture (Summer Unit)
IBIO-BS: BS Organismal Biology - Integrated Biology Option
INSY-OTHER: BISE Industrial and Systems Engineering
INSY-bise: BISE Industrial and Systems Engineering
LABT-BS: BS Laboratory Technology
MARB-BS: BS Marine Biology
MATH-BS: BS Mathematics
MATL-BMtlE: BMtlE Materials Engineering
MATL-OTHER: BMtlE Materials Engineering
MCMB-BS: BS Microbial, Cellular & Molecular Biology - Cell and Molecular Biology Option
MCCM-BS: BS Microbial, Cellular & Molecular Biology - Cell and Molecular Biology Option
MCPV-BS: BS Microbial, Cellular & Molecular Biology - Pre-Veterinary Medicine Option
MECH-OTHER: BME Mechanical Engineering
MECH-bme: BME Mechanical Engineering
MEDT-BS: BS Medical Technology
NATR-BS: BS Natural Resources Management
NSPM-BS: BS Nutrition Science Option
In The Catalog

Description:

BIOL 4360: Population Ecology
CHEN 2101: Prin Of Chem Engineering Lab
MATH 1613: Calculus I
MATH 1617: Honors Calculus I
MATH 1710: Calculus for Engineering and Science I
PHYS 1600: Engineering Physics I
PHYS 1607: Honors Physics I

Other Courses referencing this course

OBPV-BS: BS Organismal Biology - Pre-Veterinary Medicine Option
PHYS-BS: BS Physics
PLEN-BF: BFPE Polymer and Fiber Engineering - Polymer Option
PLEN-OTHER: BFPE Polymer and Fiber Engineering - Polymer Option
SWEN-BWE: BSwE Software Engineering
SWEN-OTHER: BSwE Software Engineering
WIRE-BWE: BWE Wireless Engineering - Hardware Option
WIRE-OTHER: BWE Wireless Engineering - Hardware Option
WIRS-OTHER: BWE Wireless Engineering - Software Option
WIRS-BWE: BWE Wireless Engineering - Software Option
WLDE-BS: BS Wildlife Ecology and Management
WLPV-BS: BS Wildlife Ecology and Management - Pre-Veterinary Medicine Concentration

Submitter: User ID: TAMTINY Phone: 6572

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: 1610

Justification for change:
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 I

Abbreviated Title: Calculus I

Course Credit:

<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. (MPQ score of 100 and MPP score of 072) or (MPQ score of 100 and MPA2 score of 072) or MATH 1130 or MATH 1150.

Prerequisite Courses:

Corequisites:

Restrictions:

Admin Restrictions:

Course Description: Mathematics Core. Limits, the derivative of algebraic, trigonometric, exponential, logarithmic functions. Applications of the derivative, antiderivatives, the definite integral and applications to area problems, the fundamental theorem of calculus. Students may receive credit for only one of MATH 1610/1613/1617/1710. 1610, MATH 1617, or MATH 1710.

May Count Either:

Affected Program(s):

Overlapping or Duplication of Other Units' Offerings:

Resources

Course Objectives/Outcomes

Is this course considered University Yes
<table>
<thead>
<tr>
<th>Core?</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Which Student Learning Outcomes are achieved?</td>
<td>SL04 Mathematical Methods SL05 Problem Solution</td>
</tr>
<tr>
<td>How would outcomes be assessed?</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Content Outline</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments / Projects</td>
<td></td>
</tr>
<tr>
<td>Rubric and Grading Scale</td>
<td></td>
</tr>
<tr>
<td>Attachments</td>
<td></td>
</tr>
<tr>
<td>Course reviewer comments</td>
<td>CAMMAVI (10/30/14 9:27 am): Rollback: equivalent SAT WILLIF2 (12/01/14 11:43 am): Rollback: rollback for correction... please disregard this message</td>
</tr>
</tbody>
</table>

Key: 6164