# Course Change Request

**Indiana University**  
*Indianapolis* Campus

Check Appropriate Boxes:  
- Undergraduate credit [ ]  
- Graduate credit [ ]  
- Professional credit [ ]

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1. School/Division</td>
<td>Science / Department of Mathematical Sciences</td>
</tr>
<tr>
<td>2. Academic Subject Code</td>
<td>MATH</td>
</tr>
<tr>
<td>3. Current Course Number</td>
<td>261</td>
</tr>
<tr>
<td>4. Current Credit Hours</td>
<td>4</td>
</tr>
<tr>
<td>5. Current Title</td>
<td>Multivariate Calculus</td>
</tr>
<tr>
<td>6. Effective Semester/Year for changes listed below:</td>
<td>Fall 2008</td>
</tr>
<tr>
<td>7. Instructor:</td>
<td></td>
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</tbody>
</table>

**Type of Change Requested** (Check appropriate boxes and indicate changes)

- [ ] 8. Change course number to: ____________ (must be cleared with University Enrollment Services)
- [ ] 9. Current course title: ____________  
  Change to: ____________  
  Recommended abbreviation (optional) ____________  
  (Limited to 32 Characters including spaces)
- [ ] 10. Current credit hours fixed at: ____________ or variable from: ____________ to ____________  
  Change to credit hours fixed at: ____________ or variable from: ____________ to ____________
- [ ] 11. Current lecture contact hours fixed at: ____________ or variable from: ____________ to ____________  
  Change to lecture contact hours fixed at: ____________ or variable from: ____________ to ____________
- [ ] 12. Current non-lecture contact hours fixed at: ____________ or variable from: ____________ to ____________  
  Change to non-lecture contact hours fixed at: ____________ or variable from: ____________ to ____________
- [ ] 13. Is this course currently graded with S-F (only) grades?  
  Yes ____  
  No ____  
  Change to S-F (only) grading?  
  Yes ____  
  No ____
- [ ] 14. Does this course presently have variable title approval?  
  Yes ____  
  No ____  
  Is variable title approval being requested?  
  Yes ____  
  No ____
- [ ] 15. Is this course being discontinued? For all campuses ____  
  or for this campus only ____

**X** 16. Current course description:  

P: 164. Equiv. IU MATH M311. Fall, Spring, Summer. Spatial analytic geometry, vectors, curvilinear motion, curvature, partial differentiation, multiple integration, line integrals, and Green's theorem. An honors option is available in this course.

Change course description to (not to exceed 50 words)  
P: 166 and 171 (minimum grade of C in each).  
Fall, Spring, Summer. Spatial analytic geometry, vectors, space curves, partial differentiation, applications, multiple integration, vector fields, line integrals, Green's theorem, Stoke's theorem and the Divergence Theorem.

17. Justification for change  
Better reflect course content; new prerequisites.

(Use additional paper if necessary)

18. Are the necessary reading materials currently available in the appropriate library?  
Yes __  
No ____

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of this course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by:  
**Boli Dabaz**  
Department Chairman/Division Director  
Date 01/2008

Approved by:  
**Chad W. Brown**  
Dean  
Date 01/2008

Dean of Graduate School (when required)  
Date ____________

Chancellor/Vice-President  
Date ____________

University Enrollment Services  
Date ____________

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

UJS 725  
University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow;  
Department/Division—Pink; University Enrollment Services Advance—White
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(100-400 LEVEL)

DEPARTMENT: Mathematical Sciences  EFFECTIVE SESSION: Fall 2008

INSTRUCTIONS: Please check the items below which describe the purpose of this request:

1. New course with supporting documents
2. Add existing course offered at another campus
3. Expiration of a course
4. Change in course number
5. Change in course title
6. Change in course credit type
7. Change in course attributes (department head signature only)
8. Change in instructional hours
9. Change in course description
10. Change in course requisites
11. Change in semesters offered (department head signature only)
12. Transfer from one department to another

PROPOSED:

Subject Abbreviation: MATH
Course Number: 261
Long Title: Multivariate Calculus
Short Title: 

EXISTING:

Subject Abbreviation: MATH
Course Number: 
Long Title: Multivariate Calculus
Short Title: 

TERMS OFFERED:

- Summer
- Fall
- Spring

CAMPUSES INVOLVED:

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- N. Central
- Tech Statewide
- W. Lafayette

CREDIT TYPE:

1. Fixed Credit: Cr. Hrs. ________
2. Variable Credit Range: Minimum Cr. Hrs. ________ Maximum Cr. Hrs. ________
(Check One) To Or
3. Equivalent Credit: Yes ___ No ___
4. Thesis Credit: Yes ___ No ___

COURSE ATTRIBUTES: Check All That Apply

- Pass/Not Pass Only
- Satisfactory/Unsatisfactory Only
- Repeatable
- Maximum Repeatable Credit: ________
- Credit by Examination
- Designator Required
- Special Fees
- Registration Approval Type
- Instructor
- Remedial
- Honors
- Full Time Privilege
- Off Campus Experience

INSTRUCTIONAL TYPE:

- Lecture
- Recitation
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observe

- Minutes Per Mgt. ________ Meetings Per Week ________ Weeks Offered ________ % of Credit Allocated ________

- Delivery Method (Asyn. Or Syn.) ________ Delivery Medium (Audio, Internet, Live, Text-Based, Video) ________

COURSE DESCRIPTION (INCLUDE REQUISITES):

P: 166 and 171 (minimum grade of C in each). Spatial analytic geometry, vectors, space curves, partial differentiation, applications, multiple integration, vector fields, line integrals, Green's theorem, Stoke's Theorem and the Divergence Theorem.

Calumet Department Head: ____________________ Date: ____________
Calumet School Dean: ____________________ Date: ____________

Ft. Wayne Department Head: ____________________ Date: ____________
Ft. Wayne School Dean: ____________________ Date: ____________

Indiana Department Head: ____________________ Date: ____________
Indiana School Dean: ____________________ Date: ____________

North Central Department Head: ____________________ Date: ____________
North Central Chancellor: ____________________ Date: ____________

West Lafayette Department Head: ____________________ Date: ____________
West Lafayette College/School Dean: ____________________ Date: ____________

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