**PURDUE UNIVERSITY**
**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE**

**DEPARTMENT** Biomedical Engineering  
**EFFECTIVE SESSION** 1/04, EFD17-03

**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
- 8. Change in instructional hours
- 9. Change in course description
- 10. Change in course prerequisites
- 11. Change in semesters offered

**PROPOSED:**
- Subject Abbreviation: BME
- Course Number: 205
- Long Title: Biomedical Engineering Laboratory I
- Short Title: Abbreviated title will be entered by the Office of the Registrar if omitted.

<table>
<thead>
<tr>
<th>CREDIT TYPE</th>
<th>EXISTING</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fixed Credit: Cr. Hrs.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2. Variable Credit Range:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Cr. Hrs:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Check One) To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Or Maximum Cr. Hrs:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Equivalent Credit: Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>4. Thesis Credit: Yes</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**COURSE ATTRIBUTES:** Check All That Apply.

1. Pass/Not Pass Only
2. Satisfactory/ Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Designator Required
6. Special Fees

**TERMS OFFERED:** Check All That Apply:
- Summer
- Fall
- Spring

**CAMPUS(ES) INVOLVED:**
- Calumet
- Fort Wayne
- Indianapolis
- N. Central
- W. Lafayette
- Cont Ed
- Tech Statewide

**INSTRUCTIONAL TYPE:**
- Laboratory
- Lecture
- Seminar

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>150</th>
<th>1</th>
<th>16</th>
</tr>
</thead>
</table>

**DELIVERY METHOD:**
- (Asyn., Or Syn.)

**DELIVERY MEDIAN (Audio, Internet, Live, Text-Based, Video):**

**Sem. 1. Lab. 3, cr. 1. Prerequisite:** CHM 116, CS 156, ENG 106, and MA 166, or equivalent; Corequisite: BIOL 295E, BME 201

Introductory laboratory experience focused on engineering concepts and practices in the analysis of biomolecules and cells. Topics include fundamental qualitative techniques of analysis, methods of isolation, identification, and quantification of biomolecules and cells, and analysis of integrated biosystems. Concludes with student-driven design project.

**OFFICE OF THE REGISTRAR**