<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>Computer Science</th>
<th>EFFECTIVE SESSION</th>
<th>Spring 2009</th>
</tr>
</thead>
</table>

**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
- [x] 4. Change in course number
- [x] 5. Change in course title
- [x] 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 prerequisites
- [ ] 11. Change in semesters offered (department head signature only)
- [ ] 12. Transfer from one department to another

**PROPOSED:**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Subject Abbreviation</th>
<th>ACS</th>
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</thead>
</table>

**EXISTING:**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>575</td>
<td></td>
</tr>
</tbody>
</table>

**Long Title**: Database Systems  
**Short Title**: 

Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

**CREDIT TYPE**

<table>
<thead>
<tr>
<th>1. Fixed Credit: Cr. Hrs.</th>
</tr>
</thead>
<tbody>
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</table>

<table>
<thead>
<tr>
<th>2. Variable Credit Range:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Cr. Hrs. (Check One)</td>
</tr>
<tr>
<td>To</td>
</tr>
<tr>
<td>Maximum Cr. Hrs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Equivalent Credit: Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**COURSE ATTRIBUTES:** Check All That Apply

- [ ] 1. Pass/Not Pass Only
- [ ] 2. Satisfactory/Unsatisfactory Only
- [ ] 3. Repeatability
- [ ] 4. Credit by Examination
- [ ] 5. Special Fees
- [ ] 6. Registration Approval Type
- [ ] 7. Variable Title
- [ ] 8. Honors
- [ ] 9. Full Time Privilege
- [ ] 10. Off-Campus Experience

**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):**

Introduction to the fundamentals of relational database system implementation with emphasis on database engine core technology. Topics include storage management, indexing, materialized views, query processing algorithms and optimization, transaction and concurrency control, logging and recovery. Exposure to one or more of the following active research areas: XML, data integration, streaming databases, data mining, and distributed database systems. (Prereq: CS 364)

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**Columbus Department Head**

Date: 10/31/2008

**Columbus School Dean**

Date: 10/31/2008

**Fort Wayne Department Head**

Date: 

**Fort Wayne School Dean**

Date: 

**Indianapolis Department Head**

Date: 

**Indianapolis School Dean**

Date: 

**North Central Department Head**

Date: 

**North Central Chancellor**

Date: 

**West Lafayette Department Head**

Date: 

**West Lafayette College/School Dean**

Date: 

**West Lafayette Registrar**

Date: 

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**OFFICE OF THE REGISTRAR**