New Course Request

Indiana University

East Campus

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

1. School/Division: School of Business 2. Academic Subject Code: INFO

3. Course Number: 1308 (must be cleared with University Enrollment Services) 4. Instructor: Weber/Stager

5. Course Title: Information Representation

Recommended Abbreviation (Optional): (Limited to 22 Characters including spaces) INFO-1308

6. First time this course is to be offered (Semester/Year): Fall 2010 (4108)

7. Credit Hours: Fixed at 3 or Variable from _____ to _____

8. Is this course to be graded S-F (only)? Yes [ ] No [x]

9. Is variable title approval being requested? Yes [ ] No [x]

10. Course description (not to exceed 50 words) for Bulletin publication:

   The basic structure of information representation in digital information systems.
   Begins with low-level computer representations such as common character and numeric
   encodings. Introduces formal design and query languages through entity relationship
   modeling, the relational model, XML, and XHTML. Laboratory topics include SQL
   and XPath querying.

   Prerequisites: INFO-1101, INFO-1201, INFO-1210

11. Lecture Contact Hours: Fixed at 3 or Variable from _____ to _____

12. Non-Lecture Contact Hours: Fixed at 0 or Variable from _____ to _____

13. Estimated enrollment: 30 of which 0 percent are expected to be graduate students.

14. Frequency of scheduling: Every Year. Will this course be required for majors? Yes

15. Justification for new course: Retrieval from master catalogue

16. Are the necessary reading materials currently available in the appropriate library? Yes

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials. See attached

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant. N/A

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be
   overlap of the new 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: ____________________________ Date: 4/15/10

Department Chairman/Division Director

Dean of Graduate School (when required) ____________________________ Date: ____________

Approved by: ____________________________ Date: 4/15/10

Dean

Chancellor/Vice-President ____________________________ Date: 5/20/10

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.

University Enrollment Services Fiscal—White; Chancellor/Vice- President—Blue; School/Division—Yellow;
Department/Division—Pink; University Enrollment Services Advanced—White