New Course Request

Indiana University

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

1. School/Division Informatics
2. Academic Subject Code INFO
3. Course Number 1562 (must be cleared with University Enrollment Services) 4. Instructor Josette Jones
5. Course Title Health Information Exchange
   Recommended Abbreviation (Optional)
   (Limited to 32 Characters including spaces)
6. First time this course is to be offered (Semester/Year): Spring 2010
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: This course describes the drivers and challenges, the data and services of electronic health information exchange (HIE). The five focus areas of HIE are reviewed relative to strategies and actions: Aligning Incentives; Engaging Consumers; Improving Population Health; Managing Privacy, Security & Confidentiality; and, Transforming Care Delivery.

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: _______ 25 of which _______ 0 percent are expected to be graduate students.
14. Frequency of scheduling: F/S Will this course be required for majors? Yes [ ]
15. Justification for new course: Development of additional courses in Health Information Technology Training Certificate programs
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.
18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.
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:

[Signature] Date 2/15/10

Department Chairman/Division Director

Dean of Graduate School (when required)

Approved by:

[Signature] Date 8/20/10

Chancellor/Vice-President

University Enrollment Services

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.

UPS 724

University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow; Department/Division—Pink; University Enrollment Services Advance—White
Course Information

- Credit Hours: 3.0
- Placement in Curriculum:
  - Required course for Health Information Management and Exchange Certificate
  - Elective course for graduate Health Informatics students
- Prerequisites: Graduate standing or permission of instructor
- Co-requisites: None

Faculty: Josette Jones, RN, PhD (jofjones@iupui.edu)

Description (50 words): This course describes the drivers and challenges, the data and services of electronic health information exchange (HIE). The five focus areas of HIE are reviewed relative to strategies and actions: Aligning Incentives; Engaging Consumers; Improving Population Health; Managing Privacy, Security & Confidentiality; and, Transforming Care Delivery.

Rationale: Health information exchanges are leading the way in improving the quality, safety and efficiency of patient care. Faced with ever increasing health care costs, government, payers, providers, and consumers are exploring health information technology (HIT) and health information exchange (HIE) initiatives to streamline health care delivery in the United States. In order to derive emerging best practices, it is important to review specific HIE strategies and actions implemented over the years and across organizations regarding quality, safety and efficiency challenges of our health care system.

Educational Objectives:
Upon the successful completion of the course, the student will be able to:

1. Dissect the growth and expansion of HIE initiatives
2. Explain the sustainability challenges of HIE organizations
3. Analyze, evaluate and critique the impact of governance policies
4. Assess the efficiency of services offered on patient outcomes
5. Derive how participation and engagement of government, payers, providers and consumers reduce health care cost.

Course Content
<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
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</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Introduction:</td>
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<tr>
<td></td>
<td>• What is Health Information Management and Exchange (HIE)?</td>
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<td></td>
<td>• What is the value of HIE?</td>
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<td>Week 2</td>
<td>State of the field</td>
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<td>Week 3</td>
<td>Drivers and Challenges</td>
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<td>Week 4</td>
<td>Policies and Governance</td>
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<td>Week 5</td>
<td>Data and Services: Types of and Functionality for Data Exchange</td>
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<td>Week 6</td>
<td>Data and Services: Services Offered</td>
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<td>Week 7</td>
<td>Participation and Engagement: Providers</td>
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<tr>
<td>Week 8</td>
<td>Participation and Engagement: Consumers</td>
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<tr>
<td>Week 9</td>
<td>Assessing Value and Savings of HIE</td>
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<td>Week 10</td>
<td>Financing and Sustainability</td>
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<td>Week 11</td>
<td>Managing Privacy, Security and Confidentiality</td>
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<td>Week 12</td>
<td>HIE and Population Health</td>
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<td>Week 13</td>
<td>Transforming Care Delivery at the Point of Care</td>
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<td>Week 14</td>
<td>Close-up Look at Real Life HIE Initiatives</td>
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<tr>
<td>Week 15</td>
<td>Final Thoughts and Recommendations</td>
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</tbody>
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**Required Text**


Selected readings: These will change in order to include the most up-to-date articles. List of the articles and/or the book chapters will be announced at the beginning of each course and as the course evolves.

**Evaluation and Grading**

Weekly Assignments 30%
Presentations 20%
Class Participation 10%
Project 40%

The final grade for the class will be based on the performance in these categories.

Grading scale:

<table>
<thead>
<tr>
<th>Point Range</th>
<th>Grade</th>
<th>Point Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>97 – 100%</td>
<td>A+</td>
<td>80 – 82%</td>
<td>B-</td>
</tr>
<tr>
<td>93 – 96%</td>
<td>A</td>
<td>77 – 79%</td>
<td>C+</td>
</tr>
<tr>
<td>90 – 92%</td>
<td>A-</td>
<td>70 – 76%</td>
<td>C</td>
</tr>
<tr>
<td>87 – 89%</td>
<td>B+</td>
<td>69% and below</td>
<td>F</td>
</tr>
<tr>
<td>83 – 86%</td>
<td>B</td>
<td></td>
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</tbody>
</table>

Graduate students must have no grade lower than C.

Bibliography:


POLICIES for ATTENDANCE & ASSIGNMENT PROJECT DEADLINES

1. **Missing class course chat time WILL affect your grade.** Students are allowed two (excused or unexcused) absences before their grade will be effected. In other words, whether you are sick or have personal problems or issues for missing class, it will amount to the same. Missing class means you do not show for the whole or majority of the session. The grade reduction policy works in this way.
   a. On the third missed class time your final grade will drop 5 points (regardless of the reason).
   b. On the fourth missed class your final grade will drop 10 points (regardless of the reason), and 5 additional points thereafter for each additional class missed.
2. **Responsible for due dates and related materials:** All weekly due assignments are the students' responsibility. If class is missed, the student is still responsible for the assignment, as well as to find out what was covered in class, e.g., any new assignments or variations to an existing assignment. ALL assignment deadlines are outlined in the syllabus or syllabus supplemental documents provided on Oncourse site. The instructor will only give one reminder of these dates. In the end, each student is responsible for the deadline. Also, weekly assignment deadlines should be adhered to, to insure fairness to all students. For the purpose of maintaining an equal and fair evaluation of each student's
work, no student will receive special treatment. As a result, the following rules will apply to this course:

a. All assignments must be ready to hand in or email at the designated time and place as stated on the assignment sheet, as communicated via email, or on the syllabus.
b. All assignments handed in late will be reduced 10 points for every day late (24 hrs. from the due date and time). For example, if the assignment is due at 6PM on the due date and it is post-marked 6:01PM, it will be reduced automatically by 10 points. If the class meets in the class room, students must be ready to hand the assignment in at the start of class time.
c. Incompletes will NOT be issued except under very extreme personal conditions that have been reviewed by the instructor and in some cases in consultation with the Dean's Office.

UNIVERSITY POLICIES

1. University Attendance Policy: Attendance is required. The University regulations state: "Students are expected to be present for every meeting of the classes in which they are enrolled." IUPUI faculty is required to submit to the office of the Register a record of student attendance through the semester, on which they will take action if the record conveys a trend of absenteeism. As a result, ATTENDANCE WILL BE TAKEN IN ALL CLASSES. An Attendance sheet will be passed out in class for each student to sign their name. If you do not sign your name while in class you will be marked absent. The instructor is not expected to remember who attended when, so signing the sheet while in class is important. Signing the attendance sheet for another student is absolutely prohibited. Any student found doing so will be in violation of university policies on ethics and/or conduct.

2. Bringing your children to class: University Policy states that: "Children are not permitted to attend class with parents, guardians, or childcare providers. This conduct has the effect of unreasonably interfering with an individual's work or academic performance creating an offensive learning environment." "A student must not violate course rules as contained in a course syllabus, which are rationally related to the content of the course or to the enhancement of the learning process in the course." [Code of Student Rights, Responsibilities, and Conduct, page 291]

3. Academic Dishonesty I Integrity I Plagiarism: Using another student's work on a project or assignment, cheating on a test, test or any other form of dishonesty or plagiarism will result in a grade of zero on that assignment and possibly an "F" in the course, and will be referred to the Dean of Students. All students should aspire to high standards of academic honesty. This class encourages cooperation and the exchange of ideas. For further reference, students may see:
   http://www.iupui.edu/~resgrad/grad/academic_misconduct_curriculum_subcommittee.rtf.
   - and -
   http://life.iupui.edu/dos/code.htm

4. Values and ethics: Profanity or derogatory comments about or towards the instructor or any member of the class will NOT be tolerated. Violating this rule will result in a warning and if the offense continues, administrative action will be taken.
5. **Code of Student Rights, Responsibilities and Conduct:** All students are responsible for reading, understanding, and applying the Code of Student Rights, Responsibilities and Conduct of IUPUI. (Students can access www.iupui.edu/code for further information regarding the above points)

6. **Disabilities Policy:** In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to "reasonable accommodations." Please notify the instructor during the first week of class of any accommodations needed for the course. Students with learning disabilities must provide written verification for this policy to be recognized. *

*If you need any special accommodation due to a disability, Please contact Adaptive Education Services at 274-3241. The office is located in CA 001E.*