College of Health and Human Services

Dean’s Office 745-8912

Report to the Undergraduate Curriculum Committee

The following **Action Item** is submitted for consideration at the Dec. 11, 2012 UCC meeting:

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| **Type of Item** | **Description in Item and Contact Information** |
| Action | Proposal to Create a New Course  HIM 422 Clinical Evaluation and Outcomes  Contact: Jan Hunt-Shepherd, [jan.hunt-shepherd@wku.edu](mailto:jan.hunt-shepherd@wku.edu), 780-2566 |

Proposal Date: November 1, 2012

**College of Health and Human Services**

**Department of Allied Health/Health Information Management Program**

**Proposal to Create a New Course**

**(Action Item)**

Contact Person: Jan Hunt-Shepherd, [jan.hunt-shepherd@wku.edu](mailto:jan.hunt-shepherd@wku.edu), 780-2566

**1. Identification of proposed course:**

* 1. Course prefix and number: HIM 422
  2. Course title: Clinical Evaluation and Outcomes
  3. Abbreviated course title: Clinical Eval and Outcomes
  4. Credit hours and contact hours: 3
  5. Type of course: A—Applied Learning
  6. Prerequisites: PH 383, HIM 221 or equivalent or permission of instructor.
  7. Course catalog listing: Advanced course in applying measurements, evaluations, and reports to processes, structures, and outcomes in improving the efficiency and effectiveness of health information management and healthcare services.

**2. Rationale:**

2.1 Reason for developing the proposed course: Course is being developed as part of curriculum for recently approved baccalaureate degree in Health Information Management (HIM). The course is being added per recommendation of accreditation body (Commission on Accreditation for Health Informatics and Information Management Education-CAHIIM) to include a course with specific projects and emphasis from HIM perspective at the appropriate taxonomic level. To be successful in the HIM field, students must be able to measure, evaluate and report findings on the efficiency and effectiveness of healthcare processes, structures and outcomes. This course builds on previous quality management theories and techniques taught in the HIM Associate Degree Program. This course meets the mission of the University by providing practical experience that will be applied in the work setting to prepare graduates to become productive members of the workforce.

* 1. Projected enrollment in the proposed course: 12-15 per semester taught;

projection based on initial enrollment figures for current academic year.

* 1. Relationship of the proposed course to courses now offered by the department:

Basic quality management principles and techniques are offered in HIM 221- Health Information and Quality Management. The new course is an advanced course and will build on the fundamentals taught in the HIM 221 course; HIM 221 or equivalent course is a required prerequisite to ensure a basic understanding of quality management in the health information management setting. The course will include practical application of fundamentals taught in the prerequisite PH 383 course including data display, descriptive statistics, variable definition and sample selection; these applications will be specific to the field of health information management.

* 1. Relationship of the proposed course to courses offered in other departments:

No other department offers an applications based course in clinical evaluation and outcomes in the health information management profession. HCA 343- Quality Management for Healthcare provides a general overview of Quality Management in a healthcare setting. The proposed course will have a much more narrow focus with the emphasis on quality management in the area of health information management.

* 1. Relationship of the proposed course to courses offered in other institutions: Commission on Accreditation of Health Informatics and Information Management (CAHIIM) Accredited BS Degree Programs in Health Information Management require a similar course. For example: University of Alabama at Birmingham requires HIM 465-Clinical Evaluation and Outcomes Research, Alabama State University requires HIM 446-Quality Evaluation and Management, Tennessee State requires HIMA 3030-Quality Assessment and Performance Improvement, College of St. Scholastica requires HIM 4231-Clinical Quality Management and Macon State College requires-HIMT 2140 Performance Improvement.

**3. Discussion of proposed course:**

* 1. Course objectives:
* To apply the principles and theories of health information management to performance improvement activities
* To evaluate and manage appropriate use of computer applications in creating measures, collecting data, and providing information in a useable format for quality improvement by health information management professionals
* To utilize clinical documentation to assess processes, structures, and outcomes that influence the quality of healthcare
* To develop clinical data collection, presentation, and decision support tools, such as flowcharts, matrices, decision trees, root cause analysis, Failure Mode and Effects Analysis, graphs and charts
* To assess use of clinical practice guidelines through clinical documentation

analysis

* 1. Content outline:
* Medical Informatics in Performance Improvement
  + Microsystem Data
  + Medical Record Systems
  + Electronic Health Record Systems
  + Clinical Data for Quality Analysis
* Essentials of Statistical Thinking and Analysis
* Approaches to Clinical Documentation Improvement
* Alignment and Integration of Performance Improvement Systems
* Process Analysis and Improvement Tools
  1. Student expectations and requirements:

Students will complete projects in the following areas:

* Researching and assessing performance improvement activities related to performance, structure or outcome measures
* Developing performance improvement projects, identifying purpose and goals of projects
* Developing collection, analysis, and decision support tools
* Justifying and defending project development
* Collecting data, analyzing results, and presenting findings from clinical documentation project
  1. Tentative texts and course materials: Advanced Performance Improvement in Health Care, Donald E Lighter, Jones and Bartlett Publishers, 2011. Specialized software will be utilized in the course for presentation of data in spreadsheets, charts, graphs, tables, and reports.

**4. Resources:**

* 1. Library resources: Adequate
  2. Computer resources: Adequate

**5. Budget implications:**

* 1. Proposed method of staffing: Currently no additional resources are needed to offer the program. The course will be offered spring or every other spring semester. Should the program grow to 24 – 30 students a new faculty line will become a priority in the CHHS staffing plan.
  2. Special equipment needed: None
  3. Expendable materials needed: None
  4. Laboratory materials needed: None

**6. Proposed term for implementation:** Fall 2013

**7. Dates of prior committee approvals:**

Program of Health Information Management: November 7, 2012

Allied Health Department/Division: November 12, 2012

CHHS Undergraduate Curriculum Committee November 26, 2012

Undergraduate Curriculum Committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

University Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Attachment: Library Resources Form**, **Course Inventory Form**