**Ogden College of Science and Engineering**

**Office of the Dean**

**745-4449**

**REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE**

Date: September 11, 2015

The Ogden College of Science and Engineering submits the following information and consent items for consideration at the September 2015 UCC meeting:

1. New Business

|  |  |
| --- | --- |
| **Type of item** | **Description of Item & Contact Information** |
| Information | **Proposal to Revise Course Prefix**  GEOG to GISC: 216, 316, 317, 414, 417, 418, 419, 423, 443, 477.  Contact: David Keeling, [david.keeling@wku.edu](mailto:david.keeling@wku.edu), x4555 |
| Consent | **Proposal to Delete a Course**  AGRI 473, Interactions in the Cave and Karst Environment, 3 hrs.  Contact: Linda Brown, [linda.brown@wku.edu](mailto:linda.brown@wku.edu), x6585 |
| Consent | **Proposal to Revise Course Title**  CIT 300, On-Line Training Foundations, 3 hrs.  Contact: Mark Revels, [mark.revels@wku.edu](mailto:mark.revels@wku.edu), x4207 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  CS 360, Software Engineering, 3 hrs.  Contact: [Huanjing.wang@wku.edu](mailto:Huanjing.wang@wku.edu), x2672 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  CS 382, Programing Languages, 3 hrs.  Contact: [Huanjing.wang@wku.edu](mailto:Huanjing.wang@wku.edu), x2672 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  EE 461, Discrete Control Systems, 3 hrs.  Contact: Stacy Wilson, [stacy.wilson@wku.edu](mailto:stacy.wilson@wku.edu), x5848 |

Proposal date: 02/23/2015

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Prefix (GEOG)**

**(Information Item)**

Contact Person: Kevin B. Cary, M.Sc., GISP, [kevin.cary@wku.edu](mailto:kevin.cary@wku.edu), 5-2981

1. **Identification of current course prefix:** GEOG

**2. Identification of proposed course prefix:** GISC

**3. Rationale for the prefix revision:** The Certificate in Geographic Information Systems (GIS) was created in 2000 and soon after its implementation a Minor in GIS was developed and offered at WKU. In 2009 the B.S. in Geographic Information Science (ref# 576) was created. All of the Department’s GIS courses were created under the GEOG prefix. This was done because several courses pre-existed as part of the original B.S. Geography – GIS Analysis track. With the growth and success of WKU’s GIS courses and programs, the Department wishes to create the GISC prefix to differentiate the GIS courses from other courses in the Department of Geography and Geology.

The GISC course designationhas been widely adopted around the country, including by such

institutions as the Cal. State system, Portland State, North Dakota State, U. Texas system,

Louisiana Tech, and many more. Changing the prefix of GIS courses to GISC brings

WKU in line with national trends and provides a consistent and widely accepted level of

GIS course recognition for potential employers and others. In addition, all GIS instructors

at WKU in the Department of Geography and Geology now are nationally certified as GISP instructors (Geographic Information Science Professionals).

**4. Course numbers to be included under the new course prefix:**

GEOG 216, GEOG 316, GEOG 317, GEOG 414, GEOG 417, GEOG 418, GEOG 419, GEOG 423, GEOG 443, GEOG 477.

**5. Term of implementation:** Fall 2015

**6. Dates of notification to committees:**

|  |  |
| --- | --- |
| Department of Geography and Geology | 2/27/2015 |
| Ogden College Curriculum Committee | 03/05/2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 5/5/2015

**College Name**

**Department Name**

**Proposal to Delete a Course**

**(Consent Item)**

Contact Person: Dr. Linda Brown, [linda.brown@wku.edu](mailto:linda.brown@wku.edu), 745-6585

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: AGRI 473
  2. Course title: Interactions in the Cave and Karst Environment
  3. Cred hours: 3

**2. Rationale for the course deletion:** This course has not been offered in over 10 years.

**3. Effect of course deletion on programs or other departments, if known:** None

**4. Proposed term for implementation:** Spring 2016

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

|  |  |
| --- | --- |
| Department of Agriculture | **5/8/2015** |
| Ogden College Curriculum Committee | **09/03/2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

**Attachment: Course Inventory Form**

Proposal Date: 3/26/15

**Ogden College of Science & Engineering**

**Architectural & Manufacturing Sciences**

**Proposal to Revise Course Title**

**(Consent Item)**

Contact Person: Mark A. Revels, Ph.D., mark.revels@wku.edu, 270-303-3019

1. **Identification of proposed course:**
   1. Course prefix (subject area) and number: CIT 300
   2. Course title: On-Line Training Foundations
   3. Credit Hours: 3

**2. Proposed course title:** Computer Information Technology Foundations

**3. Proposed abbreviated course title:** CIT Foundations   
(maximum of 30 characters/spaces)

**4. Rationale for the revision of course title:** The old course title was developed when online education was more novel. Thus, even though the course covers CIT program foundational material using online methods, emphasizing the online delivery aspect is no longer as important as emphasizing the content.

**5. Proposed term for implementation: Spring 2016**

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

|  |  |
| --- | --- |
| Architectural & Manufacturing Sciences Department | 4/17/2015 |
| Ogden College Curriculum Committee | **05/07/2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

April 8, 2015

**Ogden College of Science and Engineering**

**Department of Computer Science**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Huanjing Wang, [huanjing.wang@wku.edu](mailto:huanjing.wang@wku.edu), 745-2672

**1. Identification of course:**

* 1. Course prefix (subject area) and number: CS 360
  2. Course title: Software Engineering I

**2. Current prerequisites/corequisites/special requirements:**

A grade of "C" or better in CS 221

**3. Proposed prerequisites/corequisites/special requirements:**

A grade of "C" or better in CS 221and COMM 145

**4. Rationale for the revision of prerequisites/corequisites/special requirements:**

Project presentation is required in this course. Therefore there is a need for students to acquire presentation skills before taking the course.

**5. Effect on completion of major/minor sequence:**

None

**6. Proposed term for implementation:**

Spring 2016

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

|  |  |
| --- | --- |
| Department of Computer Science | April 21, 2015 |
| Ogden College Curriculum Committee | **05/07/2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

April 8, 2015

**Ogden College of Science and Engineering**

**Department of Computer Science**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Huanjing Wang, [huanjing.wang@wku.edu](mailto:huanjing.wang@wku.edu), 745-2672

**1. Identification of course:**

* 1. Course prefix (subject area) and number: CS 382
  2. Course title: Programming Languages

**2. Current prerequisites/corequisites/special requirements:**

CS 221 with a grade of "C" or better

**3. Proposed prerequisites/corequisites/special requirements:**

CS 221 with a grade of "C" or better and COMM 145

**4. Rationale for the revision of prerequisites/corequisites/special requirements:**

Project presentation is required in this course. Therefore there is a need for students to acquire presentation skills before taking the course.

**5. Effect on completion of major/minor sequence:**

None

**6. Proposed term for implementation:**

Spring 2016

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

|  |  |
| --- | --- |
| Department of Computer Science | April 21, 2015 |
| Ogden College Curriculum Committee | **05/07/2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: August 26, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Stacy Wilson, [stacy.wilson@wku.edu](mailto:stacy.wilson@wku.edu), 5-5848

**1. Identification of course:**

* 1. Course prefix (subject area) and number: EE 461
  2. Course title: Discrete Control Systems

**2. Current prerequisites:** EE 460 Continuous Control Systems

**3. Proposed prerequisites:** EE 420 Signals and Linear Systems

**4. Rationale for the revision of prerequisites:** This course has only been taught one time with the current requirements because the pre-requisite of this course is taught in the fall semester of the senior year. Thus the audience for this course is limited. By changing the elective, students can take this course prior to their last semester. The integrity of the course will not be compromised by changing the pre-requisite requirements.

**5. Effect on completion of major/minor sequence:**  This is an elective course. By changing the pre-requisite course, the students can take the course earlier in their academic career.

**6. Proposed term for implementation:** Spring 2016

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

|  |  |
| --- | --- |
| Department of Engineering | August 27, 2015 |
| OSCE Curriculum Committee | **09/03/2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |