Curriculum Committee Report to the Faculty Senate

October 14, 2015

The Curriculum Committee approved the following curriculum requests, course proposals, and program proposals and asks the Faculty Senate to accept the committee’s recommendations.

Courses

New Courses

BIOL 101L - Biology for Non-Majors Laboratory (1 credit)

New

Justify the need for the course:
BIOL 101 has been offered at Leeward CC for over 20 years. Currently, the course serves 60-100 students per semester (3-5 sections, 20 students per section).

Prerequisites:
ENG 21 and ENG 22, or ENG 24, with a grade of C or better or equivalent

Corequisites:
BIOL 101

Action: 15 Approved, 0 Disapproved, 0 Abstained

EE 296 - Sophomore Project (1 credit)

New

Justify the need for the course:
This course is required for the BS degree in Electrical Engineering and Bs degree in Computer Engineering at UH Manoa. Leeward CC has students transferring each year to the electrical and computer engineering programs at UH Manoa.

Prerequisites:
EE 211 BASIC CIRCUIT ANALYSIS EE 211 BASIC CIRCUIT ANALYSIS with a grade of C or better

Action: 15 Approved, 0 Disapproved, 0 Abstained

ENG 272H - INTRODUCTION TO LITERATURE: CULTURE AND LITERATURE (3 credits)
New

Justify the need for the course:
ENG 272H is an elective for the AA Liberal Arts degree. Moreover, the study of literature develops important skills—particularly in critical analysis, reading comprehension, and written communication—that are vital to further academic study and workforce development. Campuses across the UH System, as well as colleges and universities across the nation, offer a similar course, underscoring the value of ENG 272H. ENG 272H is an elective for the Leeward CC Honors Program. Students in the program may take this course or COM 250H (Intercultural Communications), IS 250H (Leadership Development), or SOC 250H (Community Forces in Hawai‘i), to fulfill one of the requirements to graduate with honors. ENG 272H thus offers students another course option to graduate with honors.

Prerequisites:
ENG 100 or equivalent with a grade of C or better.

Action: 21 Approved, 0 Disapproved, 0 Abstained

HIT 101 - Healthcare Delivery Systems (3 credits)

New

Justify the need for the course:
This course is recommended by CAHIIM Accreditation Team to fulfill requirements for a robust Health Information Technology associate degree. The proposal was presented to the HIT Advisory Committee during the May 2015 meeting. The Advisory Committee concurs with the recommendations.

Prerequisites:
ENG 21 and ENG 22, or ENG 24, with a grade of C or better, or equivalent.

Action: 15 Approved, 0 Disapproved, 0 Abstained

HIT 215 - Quality Management (3 credits)

New

Justify the need for the course:
This course is recommended by CAHIIM Accreditation Team to fulfill requirements for a robust Health Information Technology associate degree. The proposal was presented to the HIT Advisory Committee during the May 2015 meeting. The Advisory Committee concurs with the recommendations.

Prerequisites:
HIT 115 Reimbursement Methodologies (Completion of course with a C or better.)
HIT 208 Advanced Diagnosis Coding (Completion of course with a C or better.)
HIT 209 Advanced Procedure Coding (Completion of course with a C or better.)
Action: 21 Approved, 0 Disapproved, 0 Abstained

**HIT 220 - Healthcare Computing and EHR (3 credits)**
New

**Justify the need for the course:**
This course is recommended by CAHIIM Accreditation Team to fulfill requirements for a robust Health Information Technology associate degree. The proposal was presented to the HIT Advisory Committee during the May 2015 meeting. The Advisory Committee concurs with the recommendations.

**Prerequisites:**
HIT 101 Healthcare Delivery Systems (Completion with a C or better.)
HIT 102 Intro Health Info Technology (Health Data, Records and Documentation Completion with a C or better.)
Completion with a C or better or instructor approval.
Action: 21 Approved, 0 Disapproved, 0 Abstained

**HIT 225 - HIM Supervisory Management (3 credits)**
New

**Justify the need for the course:**
This course is recommended by CAHIIM Accreditation Team to fulfill requirements for a robust Health Information Technology associate degree. The proposal was presented to the HIT Advisory Committee during the May 2015 meeting. The Advisory Committee concurs with the recommendations.

**Prerequisites:**
HIT 101 Healthcare Delivery Systems (Completion with a C or better.)
HIT 102 Intro Health Info Technology (Health Data, Records, and Documentation Completion with a C or better.)
Completion with a C or better or instructor approval.
Action: 21 Approved, 0 Disapproved, 0 Abstained

**QM 78 - QUANTITATIVE METHODS COMPANION (1 credit)**
New

**Justify the need for the course:**
Approximately 84% of incoming students interested in the automotive mechanics technology program do not qualify directly for the program-required QM 107C course. When QM 78 is offered, such students could enroll directly into QM 107C
concurrently with QM 78 instead of taking a prerequisite course in advance of QM 107C.

**Prerequisites:**
None

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

**Course Modifications**

**ACC 124 - PRINCIPLES OF ACCOUNTING I (3 credits)**

**Modification**

**Rationale for Change:**
A UHCC Accounting Program Coordinating Committee (PCC) meeting was held on October 10, 2014. At this meeting, the committee collaborated and agreed to standardize the title, prerequisites, recommended preparation and the Student Learning Outcomes (SLOs) for ACC 124. This course is also being fully reviewed in accordance with the curriculum revision and review policy.

**New Prerequisite:**
ENG 19 with C or better or equivalent, or placement in ENG 22

**Previous Prerequisite:**
None

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

**ACC 125 - PRINCIPLES OF ACCOUNTING II (3 credits)**

**Modification**

**Rationale for Change:**
A UHCC Accounting Program Coordinating Committee (PCC) meeting was held on October 10, 2014. At this meeting, the committee collaborated and agreed to standardize the title and the Student Learning Outcomes (SLOs) for ACC 125. This course is also being fully reviewed in accordance with the curriculum revision and review policy.

**New Prerequisite:**
No change.

**Previous Prerequisite:**
ACC 124 with a grade of C or better, or equivalent, or instructor approval.

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

**ACC 201 - Introduction to Financial Accounting (3 credits)**

**Modification**

**Rationale for Change:**
A UHCC Accounting Program Coordinating Committee (PCC) meeting was held on October 10, 2014. At this meeting, the committee collaborated and agreed to standardize the prerequisites and the Student Learning Outcomes (SLOs) for ACC 201. This course is also being fully reviewed in accordance with the curriculum revision and review policy.

**New Prerequisite:**
Placement into ENG 100 or equivalent, or instructor approval

**Previous Prerequisite:**
ENG 21 and ENG 22 or ENG 24 or equivalent with a grade of C or better or placement into ENG 100

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

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**ACC 202 - Introduction to Managerial Accounting (3 credits)**

**Modification**

**Rationale for Change:**
A UHCC Accounting Program Coordinating Committee (PCC) meeting was held on October 10, 2014. At this meeting, the committee collaborated and agreed to standardize the prerequisites and the Student Learning Outcomes (SLO) for ACC 202. Fields 7 and 11 have been modified to comply with such.

**New Prerequisite:**
ACC 201 with a grade of C or higher, or both ACC 124 with a grade of C or higher and ACC 125 with a grade of C or higher, or instructor approval.

**Previous Prerequisite:**
ACC 125 or ACC 201 with a grade of C or better or equivalent.

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

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**BIOL 101 - BIOLOGY FOR NON-MAJORS (3 credits)**

**Modification**

**Rationale for Change:**
The modification allows the course to align with the current courses taught at UH Manoa, UH Hilo, UH West Oahu, Hawaii CC, UH Maui College, Windward CC, and Kapiolani CC.

**New Prerequisite:**
ENG 21 and ENG 22, or ENG 24, with a grade of C or better or equivalent

**Previous Prerequisite:**
ENG 100 or equivalent with a grade of C or better

**New Corequisite:**
BIOL 101L

**Previous Corequisite:**
None

**Action:** 15 Approved, 0 Disapproved, 0 Abstained
ED 285 - CLASSROOM MANAGEMENT WITHIN THE INSTRUCTIONAL PROCESS (3 credits)

Modification
Rationale for Change:
The catalog description was modified to clarify field experience: “10 hours of field experience is required which will lead to the development of a case study.”

New Prerequisite:
No change.

Previous Prerequisite:
ENG 22 or ENG 24 with a grade of C or better or equivalent; or placement in ENG 100; or consent of instructor.

Action: 15 Approved, 0 Disapproved, 0 Abstained

ED 291 - DEVELOPING LANGUAGE AND LITERACY I (3 credits)

Modification
Rationale for Change:
The catalog description was modified to clarify field experience: “Students will complete 10 hours of field experience which will lead to the final project of a case study.”

New Prerequisite:
No change.

Previous Prerequisite:
ENG 22, ESL 22 or ENG 24 or placement of ENG 100, ENG 100E or consent of instructor.

Action: 15 Approved, 0 Disapproved, 0 Abstained

ED 295 - FIELD EXPERIENCE IN EDUCATION (1 credit)

Modification
Rationale for Change:
The catalog description was modified to clarify field experience: “45 hours of field experience is required (students can apply 10 hours of field experience from ED 291 and 10 hours of field experience from ED 285 toward the total of 45 hours).”

New Prerequisite:
No change.

Previous Prerequisite:
ED 285, ED 290, ED 291, & ED 294; or by consent of instructor.

Action: 15 Approved, 0 Disapproved, 0 Abstained
HIT 208 - Advanced Coding I (3 credits)
Modification
Rationale for Change:
These revisions are submitted secondary to recent requests by the CAHIIM Audit team to reflect changes initiated by the Council on Education Excellence in the learning outcomes for the HIT program accreditation through CAHIIM (Commission on Accreditation for Health Informatics and Information Management).
New Prerequisite:
HIT 108    Introduction to Diagnosis Coding ( Completion of course with a C grade or better or instructor approval.) HIT 109    Introduction to Procedure Coding ( Completion of course with a C grade or better or instructor approval.)
Previous Prerequisite:
A grade of "C" or better or instructor approval required for: HIT 108 Introduction to Diagnosis Coding
Action: 15 Approved, 0 Disapproved, 0 Abstained

HIT 209 - Advanced Coding II (3 credits)
Modification
Rationale for Change:
These revisions are submitted secondary to recent requests by the CAHIIM Audit team to reflect changes initiated by the Council on Education Excellence in the learning outcomes for the HIT program accreditation through CAHIIM (Commission on Accreditation for Health Informatics and Information Management).
New Prerequisite:
HIT 108    Introduction to Diagnosis Coding ( Completion of course with a C grade or better or instructor approval.) HIT 109    Introduction to Procedure Coding ( Completion of course with a C grade or better or instructor approval.)
Previous Prerequisite:
A grade of "C" or better or instructor approval required for: BUSN 109 Introduction to Procedure Coding
Action: 15 Approved, 0 Disapproved, 0 Abstained

ICS 171 - Introduction to Computer Security (3 credits)
Modification
Rationale for Change:
"Or concurrent enrollment" was added to the prerequisites "ICS 184 with a C or better, or concurrent enrollment, or consent of the instructor," so that students can complete the Information Security CA and ICS AS degrees in fewer semesters. Other fields were appropriately updated.
New Prerequisite:
ICS 184 with a C or better, or concurrent enrollment, or consent of the instructor.

Previous Prerequisite:
CS184 with a C or better, or consent of the instructor.

Action: 20 Approved, 0 Disapproved, 0 Abstained

ICS 184 - Introduction to Computer Security (3 credits)

Modification

Rationale for Change:
The reason for this modification is to remove the ICS 125 corequisite (field #8), so that students can register for ICS 184 independently of ICS 125. This corequisite is not academically necessary. Removing the corequisite will make it more flexible for students to register for ICS 125 and ICS 184.

New Prerequisite:
No change.

Previous Prerequisite:
None

New Corequisite:
None

Previous Corequisite:
ICS 125

Action: 20 Approved, 0 Disapproved, 0 Abstained

ICS 236 - Mobile Device Management and Programming (3 credits)

Modification

Rationale for Change:
The former catalog description showed that students would work in 2 different platforms but they will work in one platform and hybrid apps. The new catalog description is: “This course will prepare students to effectively manage and secure mobile devices within an enterprise system. This course will cover advanced mobile device programming tools”

New Prerequisite:
No change.

Previous Prerequisite:
ICS136 or ICS 111 with a C or better or instructor consent.

Action: 20 Approved, 0 Disapproved, 0 Abstained

ICS 240 - Introduction to Computer Security (3 credits)

Modification

Rationale for Change:
"Or concurrent enrollment" was added to the prerequisites "ICS 111 with a grade of "C" or better, or concurrent enrollment, or instructor consent," so that students can complete the Information Security CA and ICS AS degrees in fewer semesters. Other fields were appropriately updated.

**New Prerequisite:**
ICS 111 with a grade of "C" or better, or concurrent enrollment, or instructor consent.

**Previous Prerequisite:**
ICS 111 with a grade of "C" or better, or instructor consent.

**Action:** 20 Approved, 0 Disapproved, 0 Abstained

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**MATH 100 - SURVEY OF MATHEMATICS (3 credits)**

**Modification**

**Rationale for Change:**
In a UHCC Student Success Council Task Force meeting on August 20, 2015, consensus was reached on August 20, 2015 on the same course numbering, course title, course descriptions, and three course SLOs among math representatives on the task force. Since COMPASS will not be available starting fall 2016, prerequisites were changed, although the assessment instrument and appropriate placement scores have not been decided yet. In addition, the remaining fields have been reviewed and updated.

**New Prerequisite:**
Any one of the following, or an articulated equivalent, within the past two years: C or better (or CR) in MATH 75, OR C or better (or CR) in MATH 82, OR appropriate placement, OR concurrent enrollment in MATH 78.

**Previous Prerequisite:**
Either of the following, or articulated equivalent, within the past two years will qualify a student for MATH 100: CR in MATH 82 OR qualifying placement test score (50 or higher in the COMPASS Algebra placement domain)

**New recommended preparation:**
English and math skills at High School Common Core levels.

**Previous recommended preparation:**
None

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

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**MATH 135 - Precalculus: Elementary Functions (3 credits)**

**Modification**

**Rationale for Change:**
The entire course outline was evaluated and updated as part of an ongoing program review.

**New Prerequisite:**
MATH 103 w/C or higher or appropriate placement test score.

**Previous Prerequisite:**
MATH 103 w/C or higher or COMPASS placement score of 75 in Algebra or 56 in College Algebra.

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

### QM 107C - Quantitative Methods in Automotive Technology (3 credits)

**Modification**
**Rationale for Change:**
The entire core outline was evaluated and updated as part of an ongoing course review and assessment. Some fields were updated on the basis of the August 20, 2015 UHCC Student Success Council Task Force math representative consensus.

**New Prerequisite:**
Any one of the following within the past two years: C or better (or CR) in MATH 22, OR C or better (or CR) in MATH 75, OR appropriate placement, OR concurrent enrollment in QM 78, OR consent of instructor

**Previous Prerequisite:**
Any one of the following within the past two years qualifies a student for QM 107C: CR in MATH 18 or CR in MATH 22 or Qualifying placement test score (COMPASS pre-algebra 40 or higher) or consent of instructor

**Action:** 20 Approved, 0 Disapproved, 0 Abstained

### Deletions

**CHEM 152B - SURVEY OF ORGANIC AND BIOORGANIC CHEMISTRY (4 credits)**

**Deletion**
**Rationale for Change:**
CHEM 152B has not been taught for 10 years and will not be taught again.

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

**CHEM 161B, CHEM 162B, CHEM 272B, CHEM 273B**

**Deletion**
**Rationale for Change:**
These chemistry courses were bundled courses and now they are all decoupled. These courses will not be offered again.

**Action:** 15 Approved, 0 Disapproved, 0 Abstained

**HPER 124 - DANCES OF HAWAII (1 credit)**

**Deletion**
**Rationale for Change:**
This course has not been taught for over 10 years.
Action: 20 Approved, 0 Disapproved, 0 Abstained

**HPER 161 - AIKIDO (1 credit)**
Deletion
**Rationale for Change:**
This course has not been taught for over 10 years.
Action: 20 Approved, 0 Disapproved, 0 Abstained

**HPER 230 - FIRST AID (2 credits)**
Deletion
**Rationale for Change:**
This course has not been taught for over 10 years.
Action: 20 Approved, 0 Disapproved, 0 Abstained

**IS 16 - Math Study Skills (1 credit)**
Deletion
**Rationale for Change:**
MATH 16 and IS 16 were cross-listed. Both courses will no longer be a part of the MATH developmental program.
Action: 15 Approved, 0 Disapproved, 0 Abstained

**IS 221 - PROBLEMS OF WAR AND PEACE (3 credits)**
Deletion
**Rationale for Change:**
IS 221 has not been taught for nearly a decade and it will not be taught again.
Action: 15 Approved, 0 Disapproved, 0 Abstained

**MATH 16 - Math Study Skills (1 credit)**
Deletion
**Rationale for Change:**
MATH 16 will not be a course in the developmental math courses anymore.
Action: 20 Approved, 0 Disapproved, 0 Abstained

**TVPR 100, TVPR 115, TVPR 120, TVPR 125, TVPR 130, TVPR 135, TVPR 140, TVPR 150, TVPR 200, TVPR 202, TVPR 212, TVPR 220, TVPR 225, TVPR 230, TVPR 235, TVPR 240, TVPR 245, TVPR 250, TVPR 251, TVPR 260, TVPR 270, TVPR 275, TVPR 280, TVPR 285, TVPR 290, TVPR 293B, TVPR 295, TVPR 296**
Deletions
**Rationale for Change:**
These TVPR courses are no longer being offered.
Action: 21 Approved, 0 Disapproved, 0 Abstained
SSCI 130 - HUMAN SEXUALITY (3 credits)

Deletion

Rationale for Change:
SSCI 130 has not been taught for more than a decade and it will not be taught again.

Action: 15 Approved, 0 Disapproved, 0 Abstained

Programs

New

Information Security (CA)

New

Justify the need for the program:
The CA in Information Security is a one of the deliverables in the TAACCT (Trade Adjustment Assistance Community College and Career Training) Grant Program, Round 4 (also called “C3T4 Grant”) for several of the UH Community Colleges, including Leeward CC. (See the TAACCT Grant Program web page at: http://www.doleta.gov/taaccct/grantawards.cfm.) Honolulu CC already has a CA in Information Assurance (http://www.honolulu.hawaii.edu/sites/www2.honolulu.hawaii.edu/files/catalog-cent.pdf). Kapi‘olani CC has proposed a CA in Information Technology Cyber Security to be effective fall 2016.

This program provides our students entry into the well-paying, in demand career path of information security. After completing this CA, students can continue with 2-year degree in an AS in ICS with a Specialization in Information Security Specialist, and then continue with a 4-year degree with UHWO’s BAS in Information Technology and BAS in IA (Information Assurance). All three degrees are articulated with one another, so all courses count towards and/or transfer to the next degree.

The program aligns with H.B. NO. 979, which states: “The purpose of this Act is to increase the numbers of qualified employees for cybersecurity positions by building upon existing cybersecurity degree pathways and related training programs within the University of Hawaii community college system.”

For details, see: HOUSE OF REPRESENTATIVES H.B. NO. 979 of the TWENTY-EIGHTH LEGISLATURE, 2015 STATE OF HAWAII.

Report Title: Cybersecurity Employment Training; Appropriation.

First Semester Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Certification</th>
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</thead>
<tbody>
<tr>
<td>ICS 111 Introduction to Computer Science I</td>
<td>3</td>
<td></td>
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<tr>
<td>ICS 170 Ethics for the Digital World</td>
<td>3</td>
<td></td>
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<tr>
<td>ICS 171 Introduction to Computer Security</td>
<td>3</td>
<td>Security+</td>
</tr>
<tr>
<td>ICS 184 Introduction to Networking</td>
<td>3</td>
<td>Networks+</td>
</tr>
<tr>
<td>ICS 240 Operating Systems</td>
<td>3</td>
<td>Linux+</td>
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Second Semester Requirements

<table>
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<tr>
<th>Courses</th>
<th>Credits</th>
<th>Certification</th>
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</thead>
<tbody>
<tr>
<td>ICS 113 Database Fundamentals</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ICS 125 Personal Computer Maintenance and Repair</td>
<td>3</td>
<td>A+</td>
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<tr>
<td>ICS 215 Introduction to Scripting</td>
<td>3</td>
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<td>ICS 281 Ethical Hacking</td>
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<td>CEH</td>
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<tr>
<td>ICS 282 Computer Forensics</td>
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</table>

Action: 20 Approved, 0 Disapproved, 0 Abstained

Program Modifications

Alternative Certification in Teaching Certificate (CO)

Modification
Rationale for Change:
Modified to clarify field experience.
Action: 15 Approved, 0 Disapproved, 0 Abstained

Health Information Technology (HIT) (CO)
Modification
Rationale for Change:
The rationale for the change is that the accrediting body (CAHIIM) began reporting to a committee, The Council on Education Excellence (CEE). The CEE has modified requirements for Health Information Management degrees at all levels. This change is reflective of changes in coding methodology, and legislation requiring electronic health records and the privacy and security of data and information. The charges are reflective of what will be required of students to pass their registry exams after Fall 2015 and are required for CAHIIM Accreditation. Justification for Spring 2016 approval: The course is required by the accrediting body and must be approved prior to their visit in Spring 2016 in order that they might confer accreditation on the program.
Action: 21 Approved, 0 Disapproved, 0 Abstained

Health Information Technology (HIT) (CA)
Modification
Rationale for Change:
The rationale for the change is that the accrediting body (CAHIIM) began reporting to a committee, The Council on Education Excellence (CEE). The CEE has modified requirements for Health Information Management degrees at all levels. This change is reflective of changes in coding methodology, and legislation requiring electronic health records and the privacy and security of data and information. The charges are reflective of what will be required of students to pass their registry exams after Fall 2015 and are required for CAHIIM Accreditation. Justification for Spring 2016 approval: The course is required by the accrediting body and must be approved prior to their visit in Spring 2016 in order that they might confer accreditation on the program.
Action: 21 Approved, 0 Disapproved, 0 Abstained

Health Information Technology (HIT) (AS)
Modification
Rationale for Change:
The rationale for the change is that the accrediting body (CAHIIM) began reporting to a committee, The Council on Education Excellence (CEE). The CEE has modified requirements for Health Information Management degrees at all levels. This change is reflective of changes in coding methodology, and legislation requiring electronic health records and the privacy and security of data and information. The changes are reflective of what will be required of students to pass their registry exams after Fall 2015 and are required for CAHIIM Accreditation. Justification for Spring 2016 approval: The course is required by the accrediting body and must be approved prior to their visit in Spring 2016 in order that they might confer accreditation on the program.

Action: 21 Approved, 0 Disapproved, 0 Abstained