

# Curriculum Committee Report to the Faculty Senate

October 1, 2014

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

## Request

**Request from Curriculum Chair to delete the 19 Certificates of Completions (CCs) in Curriculum Central:** All Certificates of Completions (CCs) were converted to Certificate of Competence (COs) in AY 2013-2014 to comply with the new system policy: UHCCP #5.203 Program Credentials: Degrees and Certificates (2013), so the CCs in Curriculum Central need to be deleted.

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

**Request from Joseph Chernisky, honors Coordinator, to have the Curriculum Committee Chair open up field #2 of the SOC 250's core outline and add the designation 'H' to the course number (SOC 250H):**

<http://emedia.leeward.hawaii.edu/facsenate-cc/sites/default/files/HonorsProgramMemoSOCfield-2014-09-24.pdf>

**Action: 15 Approved, 0 Disapproved, 1 Abstained**

## Courses

### New Courses

#### **HIT 200 - Disease Path and Pharmacology (3 credits)**

**New**

**Justify the need for the course:** Health Information Management may be one of the hottest healthcare careers in the coming decade, with up to 50,000 new jobs anticipated in the field, according to the Journal of AHIMA, October 2010.

Walt Zywlak, author of the Computer Sciences Company (CSC) July 2010 article, U.S. Healthcare Workforce Shortages: HIT Staff, stated:

The U.S. health care industry is facing two emerging workforce challenges as it prepares to meet demands both from more patients for more care, and from consumers and regulators for cost, quality and other reforms. The first is the widely documented shortage of caregivers (see "U.S. Health Care Workforce

Shortages: Caregivers). The other is a growing shortage of health information technology (HIT) workers that is becoming significant as the industry aims to expand use of electronic health records (EHR), health information exchanges (HIE) and other HIT tools. Evidence of an HIT workforce shortage is coming from at least two sources. The first is published projections.

\* A 2008 Bureau of Labor Statistics (BLS) report projected the need for an additional 35,000 HIT workers by 2018.

\* A 2008 analysis of the HIMSS Analytics database estimated that U.S. hospitals will need an additional 40,000 HIT workers to meet HIMSS EMR Adoption Model Stage 4.

\* The ONC estimates that hospitals and physician practices need an additional 50,000 HIT workers during the next five years to satisfy EHR "Meaningful Use" criteria. [Office of the National Coordinator (ONC)]

According to Charles Friedman, Chief Scientific Officer, ONC: In the aggregate, we have estimated to get to meaningful use by almost all care venues in the country, were going to need something like 50,000 more trained healthcare workers in these [EHR implementation] roles than the educational system as it currently exists can produce.

The health care industry HIT workforce shortage is being forecasted due to the following reasons.

- 1) Hospitals and physician practices are planning to implement EHR and HIE [Health Information Exchange] systems in order to realize both payment bonus and penalty avoidance incentives provided by the American Recovery and Reimbursement Act of 2009.
- 2) Federal government stimulus incentives for meaningful use of electronic health records within 1-2 years to receive maximum incentive payments
- 3) Implement and demonstrate meaningful use of EHR system by 2019 to avoid penalties.
- 4) Tightened HIPAA [Health Insurance Portability and Accountability Act] data security standards.
- 5) Adopt ICD-10 [International Classification of Diseases - 10th Edition - Clinical Modification] coding and new transaction standards by October 2013, and closely follow reimbursements reforms for necessary revenue cycle system modifications.
- 6) The Affordable Care Act specifies development and operation of online health insurance exchanges in every state by 2014.

ONC also indicated that a supply challenge exists and the immediate need is to increase community college and university level training to turn out more technicians and other professional specifically trained to support health care IT. Additional reasons that contribute to the supply challenge include:

- \* Predicting a 50 percent growth in HIT careers
- \* Competing with other industries; sometimes health care has difficulty matching salaries
- \* Managing attrition, particularly retirement
- \* Learning to manage young (Generation X and Y) employee issues, such as lifestyle accommodation requests
- \* Lacking experience

**Action: 11 Approved, 0 Disapproved, 0 Abstained**

### **PHIL 111 - Introduction to Inductive Logic (3 credits)**

**New**

**Justify the need for the course:** UH Manoa offers many sections of PHIL 111 each semester. We expect to offer at least two sections per semester.

**Action: 19 Approved, 0 Disapproved, 0 Abstained**

### **Course Modifications**

#### **AMT 30 - ENGINES (7 credits)**

**Modification**

**Rationale for Change:** The sequencing of courses for the first and second semesters are being changed to address safety concerns. Field 7 reflects the changes in sequencing.

**New Prerequisite:** AMT 20, AMT 40, and AMT 53 with a grade of C or better. ENG 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Previous Prerequisite:** AMT 20, AMT 53, and AMT 55 with a grade of C or better. ENG 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Action: 19 Approved, 0 Disapproved, 0 Abstained**

#### **AMT 40 - ELECTRICAL/ELECTRONIC SYSTEMS I (6 credits)**

**Modification**

**Rationale for Change:** The sequencing of courses for the first and second

semesters are being changed to address safety concerns. Field 7 reflects the change in sequencing.

**New Prerequisite:** AMT 20 with a grade of C or better or concurrent enrollment. MATH 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Previous Prerequisite:** AMT 20, AMT 53, and AMT 55 with a grade of C or better. AMT 30 with a grade of C or better or concurrent enrollment. ENG 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Action: 19 Approved, 0 Disapproved, 0 Abstained**

### **AMT 53 - BRAKES (4 credits)**

#### **Modification**

**Rationale for Change:** The sequencing of courses for the first and second semesters are being changed to address safety concerns. Field 7 reflects the change in sequencing.

**New Prerequisite:** AMT 20 and AMT 40 with a grade of C or better or concurrent enrollment. MATH 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Previous Prerequisite:** AMT 20 with a grade of C or better or concurrent enrollment. MATH 100 or equivalent or higher or concurrent enrollment.

**Action: 17 Approved, 0 Disapproved, 1 Abstained**

### **AMT 55 - SUSPENSION AND STEERING (5 credits)**

#### **Modification**

**Rationale for Change:** The sequencing of courses for the first and second semesters are being changed to address safety concerns. Field 7 reflects the change in sequencing.

**New Prerequisite:** AMT 20, AMT 40, AMT 53, and AMT 30 with of grade of C or better or concurrent enrollment. ENG 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Previous Prerequisite:** AMT 20 and AMT 53 with a grade of C or better or concurrent enrollment. MATH 100 or equivalent or higher with a grade of C or better or concurrent enrollment.

**Action: 19 Approved, 0 Disapproved, 1 Abstained**

### **BIOL 101 - BIOLOGY FOR NON-MAJORS (4 credits)**

#### **Modification**

**Rationale for Change:** To meet the requirements of the Assessment Team.

(Updates were made to these fields: 4, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 27, 28, 34, 35, 36, 37, 39, 40, and 42.)

**Prerequisite:** ENG 100 or equivalent with a grade of C or better  
**Action:** 13 Approved, 0 Disapproved, 0 Abstained

### **BUSN 286 - LEGAL TERMINOLOGY AND PROCEDURES (3 credits)**

#### **Modification**

**Rationale for Change:** Course SLO's and content needed to be updated and included in Curriculum Central. In addition, a prerequisite was added to ensure the student has the necessary keyboarding skills to be successful in this course.

**New Prerequisite:** BUSN 123 with a grade of C or better or instructor's approval.

**Previous Prerequisite:** None

**Action:** 14 Approved, 0 Disapproved, 1 Abstained

### **HIST 241 - ASIAN CIVILIZATIONS I (3 credits)**

#### **Modification**

**Rationale for Change:** Review core outline to ensure it is up-to-date with latest assessment results, Mission Statement, Strategic Plan, etc.

**Prerequisite:** ENG 22 with a grade of C or better or equivalent

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

#### **Deletions**

### **AG 44 - PLANT PROPAGATION (2 credits)**

#### **Deletion**

**Rationale for Change:** It has not been offered for the last 3 years and it will no longer be offered.

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

### **CHEM 251 - Biochemistry (4 credits)**

#### **Deletion**

**Rationale for Change:** This course is no longer being offered.

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

### **ENG 250 - American Literature (3 credits)**

#### **Deletion**

**Rationale for Change:** This course is no longer being offered.

**Action:** 11 Approved, 0 Disapproved, 0 Abstained

### **ENG 251 - British Literature I (Middle Ages-1789) (3 credits)**

#### **Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**ENG 252 - British Literature II (1789-Present Day) (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**ENG 253 - World Literature I (Beginnings-1650) (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**ENG 254 - World Literature II (1650 - Present) (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**ENG 255 - Types of Literature I (Short Story and Novel) (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**ENG 256 - Types of Literature II (Drama and Poetry) (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**ENG 257N - Themes in Literature: Literature and Film (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 11 Approved, 0 Disapproved, 0 Abstained

**FSHN 190 - NATIVE NUTRITION AND LIFESTYLE (3 credits)**

**Deletion**

**Rationale for Change:** This course is no longer being offered.  
**Action:** 19 Approved, 0 Disapproved, 0 Abstained

**ICS 193D - Cooperative Ed (3 credits)**

### **Deletion**

**Rationale for Change:** This course is no longer being offered.

**Action:** 18 Approved, 0 Disapproved, 0 Abstained

### **ICS 193D/293D - COOPERATIVE EDUCATION (3 credits)**

#### **Deletion**

**Rationale for Change:** This course is no longer being offered.

**Action:** 17 Approved, 0 Disapproved, 0 Abstained

### **MATH 1 - Basic Math - NC (0 credits)**

#### **Deletion**

**Rationale for Change:** This course was replaced by another course.

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

### **MATH 206L - CALCULUS II COMPUTER LAB (1 credit)**

#### **Deletion**

**Rationale for Change:** Not required by any programs on any campus.

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

### **MATH 27 - Interm Algebra (3 credits)**

#### **Deletion**

**Rationale for Change:** This course was replaced by another course.

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

### **MATH 50C - TECHNICAL MATH I: AUTOMOTIVE AND DIESEL MECHANICS (3 credits)**

#### **Deletion**

**Rationale for Change:** MATH 50C was replaced by QM107C.

**Action:** 19 Approved, 0 Disapproved, 0 Abstained

## **Programs**

### **Program Modifications**

#### **Automotive Technology (CO)**

##### **Modification**

**Rationale for Change:** The rationale for the change is to provide a safe working environment. There have been safety issues that were attributed to students not having electrical training prior to working on some vehicles.

**Action:** 18 Approved, 0 Disapproved, 1 Abstained

## **Automotive Technology (CA)**

### **Modification**

**Rationale for Change:** The rationale for the change is to provide a safe working environment. There have been safety issues that were attributed to students not having electrical training prior to working on some vehicles.

**Action: 18 Approved, 0 Disapproved, 1 Abstained**

## **Automotive Technology (AAS)**

### **Modification**

**Rationale for Change:** The rationale for the change is to provide a safe working environment. There have been safety issues that were attributed to students not having electrical training prior to working on some vehicles.

**Action: 18 Approved, 0 Disapproved, 1 Abstained**