

# Armstrong

## UNIVERSITY CURRICULUM COMMITTEE

University Hall 282

Minutes, January 15, 2014

**PRESENT:** Suzanne Carpenter, Mirari Elcoro, Catherine Gilbert, Sara Gremillion, Robert Harris, Jackie Kim, David Lake, Kam Fui Lau, Denene Lofland. Rick McGrath (Chair), Anthony Parish, Phyllis Fulton (Catalog Editor)

**ABSENT:** Becky da Cruz, Lauren Mason

**GUESTS:** Donna Brooks, Delana Gajdosik-Nivens, John Hobe, John Kraft, Patrick Thomas, Patricia Wachholz, Teresa Winterhalter

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**CALL TO ORDER.** The meeting was called to order by Dr. Rick McGrath at 3:05 p.m.

**APPROVAL OF MINUTES.** The minutes of December 4, 2013 were approved as presented.

### ITEMS

#### I. College of Education

##### A. Adolescent and Adult Education

*Items 1-8 from the Department of Adolescent and Adult Education were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

1. **Delete the following course:**

**~~MGSE 3000 INTRODUCTION TO MIDDLE LEVEL TEACHING~~**

Rationale: The content of this course is no longer key to the teaching of the middle grades. Changes in Board of Regents (BoR) policy mandates that the degree provide 18 credit hours of content in the major teaching area and 15 credit hours in the minor teaching area for middle grades certification. To stay within the credit hour limit for the degree and to address the BoR policy we are asking that this course be removed from the Program of Study for the BSED degree in Middle Grades Education and a content related course be added to meet the BoR requirements.

**Effective Term: Fall 2014**

## 2. Change the following Program of Study:

### PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN MIDDLE GRADES EDUCATION

#### B. Major Field Courses ..... 40-37 hours

EDUC 3100 Technology Applications

EDUC 3200 Curriculum, Instruction and Assessment

EDUC 3300 Educating Students with Disabilities in the General Education Classroom

~~MGSE 3000 Introduction to Middle Level Teaching~~

MGSE 3080 Student and Classroom Assessment

MGSE 3400 Classroom Management Strategies

MGSE 3750 Internship I – Pre- Student Teaching

MGSE 4200 Reading and Writing across the Curriculum

MGSE 4750 Internship II – Student Teaching

Any two of the following four method courses:

MGSE 5300U Content Methods Language Arts

MGSE 5400U Content Methods Social Studies

MGSE 5500U Content Methods Science

MGSE 5600U Content Methods Middle Grades Mathematics

#### C. Concentration Electives ..... 21-24 hours

Four (4) advisor-approved upper division courses (3000 level or higher) above the core required in each one area of concentration, ~~and three (3) advisor-approved upper division courses (3000 level or higher) in a second area of concentration.~~

Rationale: Changes in the Board of Regents (BoR) policy mandates that each content area (two are required for Middle Grades education) have a set number of required content hours, 18 for the major content area and 15 for the secondary content area. The new Program of Study for the BSED Middle Grades reflects that the student will meet the mandated hours for each content area.

**Effective Term: Fall 2014**

## 3. Change the name of the following track:

### PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN HEALTH AND PHYSICAL EDUCATION

Track 2: ~~Health and Physical Education~~ RECREATION AND COACHING

Rationale: The new track title will more accurately reflect the content of the courses taught in the program of study.

**Effective Term: Fall 2014**

## 4. Modify the following course:

PEHM 4900 Internship ~~Health and Physical Education Non-Teacher Certification~~

~~Track Recreation and Coaching~~

0-V-12

Prerequisite: Completion of all required coursework or permission of the instructor

Rationale: Rename to be more consistent with degree name change.

**Effective Term: Fall 2014**

**5. Modify the following course:**

PEEC 3150 Coaching Volleyball ~~and Soccer~~ 2-V-2

Rules and fundamental skills of volleyball ~~and soccer~~, with individual development and application of coaching methods.

Rationale: The PEEC 3150 course is being split into two separate courses to allow students a more intense experience in the coaching of volleyball. A separate course is being created for the coaching of soccer.

**Effective Term: Fall 2014**

**6. Modify the following course:**

PEBC 1302 Intermediate Swimming 0-1-1

Prerequisite: PEBC 1301 or Permission of Instructor

Description: ~~Six basic strokes, skills, endurance, and principles of safety in, on, and about water~~ Basic Swimming competence is required. Four basic strokes (free, back, breast, fly) related aquatic skills, endurance, and principles of safety in, on and around the water are taught.

Rationale: This change due to the fact that students come into this course with little or no swimming experience, therefore making it difficult to organize an advanced level swim class/workout. With only 7 weeks and a large number of students, there is simply not adequate time or space to learn/review/practice more than four strokes (free, back, breast, fly).

**Effective Term: Fall 2014**

**7. Create the Following Course:**

**PEBC 1201 INTERMEDIATE YOGA 0-1-1**

**Prerequisite: PEBC 1200 or permission of Instructor**

**Description: Advanced instruction in yoga positions to improve strength, flexibility, body alignment, and breathing techniques.**

Rationale: Students desire a more advanced course that would allow them to continue what they have experienced in the beginning yoga course.

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Adolescent and Adult Education**

**Can course be repeated for additional credit? No**

**Maximum number of credit hours: 1**

**Grading Mode: Normal**

**Instruction Type: Lab**

**8. Create the following course:**

**PEEC 3170 COACHING SOCCER**

**2-V-2**

**Prerequisite: None**

**Description: Instruction and practice in the fundamental skills and team play, emphasizing methods and drills. Minimum of two games must be scouted at the student's expense.**

Rationale: This course will allow more time to be spent on teaching the skills needed to coach soccer. This course is being created in conjunction with the split in the PEEC 3150 content.

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Adolescent and adult Education**

**Can course be repeated for additional credit? No**

**Maximum number of credit hours: 2**

**Grading Mode: Normal**

**Instruction Type: Lab**

## **B. Childhood and Exceptional Student Education**

*Item 1 from the Department of Childhood and Exceptional Student Education were discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.*

**1. Change the name of the following track:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EARLY CHILDHOOD EDUCATION**

Track 2: ~~Early Childhood Education~~ Child and Family Studies

Rationale: The title change eliminates confusion caused with the non-certification track vs. major with certification.

**Effective Term: Fall 2014**

## **II. College of Health Professions**

A. Diagnostic and Therapeutic Sciences (no items)

B. Health Sciences (no items)

## C. Nursing

*Items 1-13 from the Department of Nursing were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

1. **Create the following course:**  
**NURS 3314 PROFESSIONAL NURSING PRACTICE** **3-0-3**  
**Prerequisite: Admission to the Accelerated BSN program**  
**Theoretical concepts for the foundation of professional nursing**

Rationale: This course is designed solely for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

### **CURCAT**

**Major Department: Nursing**  
**Cross-listed: No**  
**Repeatable: No**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Equivalent Courses: None**

2. **Create the following course:**  
**NURS 3319 PATHOPHYSIOLOGY** **3-0-3**  
**Prerequisite: Admission to the Accelerated BSN program**  
**Principles of pathophysiology with an emphasis on implications for nursing practice.**

Rationale: This course is designed solely for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

### **CURCAT**

**Major Department: Nursing**  
**Cross-listed: No**  
**Repeatable: No**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Equivalent Courses: None**

3. **Create the following course:**  
**NURS 3321 HEALTH ASSESSMENT OF THE WELL INDIVIDUAL** 3-3-4  
**Prerequisite:** Admission to the Accelerated BSN program  
**Prerequisite or Corequisites:** NURS 3314, 3319, 3334  
**Application of techniques to assess the well individual. Variations and risk factors related to age, gender, and ethnic origin will be explored.**

Rationale: This course is designed solely for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department:** Nursing  
**Cross-listed:** No  
**Repeatable:** No  
**Grading Mode:** Normal  
**Instruction Type:** Lecture/Lab  
**Equivalent Courses:** None

4. **Create the following course:**  
**NURS 3334 SKILLS AND ESSENTIALS OF NURSING PRACTICE** 3-3-4  
**Prerequisite:** Admission to the Accelerated BSN program  
**Application of basic and therapeutic patient care skills and interventions in simulated and clinical practice settings.**

Rationale: This course is designed solely for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department:** Nursing  
**Cross-listed:** No  
**Repeatable:** No  
**Grading Mode:** Normal  
**Instruction Type:** Lecture/Lab  
**Equivalent Courses:** None

5. **Create the following course:**  
**NURS 3346 ADULT HEALTH I** **4-6-6**  
**Prerequisite: Admission to the Accelerated BSN program**  
**Prerequisite or Corequisite: NURS 3314, 3319, 3321, 3334, 3351**  
**Therapeutic nursing interventions for adult clients with simple alterations in inflammation and immunity, perception and coordination, oxygenation, metabolism, and fluid and electrolytes.**

Rationale: This course is designed solely for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department: Nursing**  
**Cross-listed: No**  
**Repeatable: No**  
**Grading Mode: Normal**  
**Instruction Type: Lecture/Lab**  
**Equivalent Courses: None**

6. **Create the following course:**  
**NURS 3351 Comprehensive Pharmacology** **5-0-5**  
**Prerequisite: Admission to the Accelerated BSN program**  
**Prerequisite or Corequisite: NURS 3314, 3319, 3321, 3334, 3346**  
**Principles of pharmacology with an emphasis on pharmacologic interventions across the lifespan for pediatric, adult, and mental health nursing practice.**

Rationale: The accelerated nature of the ABSN track limits the amount of time during the academic day to provide didactic and clinical learning experiences. This course combines the Pharmacology I (3-0-3) and Pharmacology II (3-03) courses from the pre-licensure BSN program in to one accelerated pharmacology course for post baccalaureate students. Research shows that post baccalaureate BSN students are more focused, driven, and academically prepared to be successful in rigorous nursing programs.

**Effective term: Fall 2014**

**CURCAT**

**Major Department: Nursing**  
**Cross-listed: No**  
**Repeatable: No**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Equivalent Courses: None**

7. **Create the following course:**  
**NURS 3536 MENTAL HEALTH** 4-6-6  
**Prerequisite: NURS 3346**  
**Prerequisite or Corequisite: NURS 4346, 4356, 4445**  
**Health restoration of clients with disruptions in mental health.**

Rationale: This course designed solely for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department: Nursing**  
**Cross-listed: No**  
**Repeatable: No**  
**Grading Mode: Normal**  
**Instruction Type: Lecture/Lab**  
**Equivalent Courses: None**

8. **Create the following course:**  
**NURS 4346 ADULT HEALTH II** 4-9-7  
**Prerequisite: NURS 3346**  
**Prerequisite or Corequisites: NURS 3536, 4356, 4445**  
**Therapeutic nursing interventions for adult clients with complex alterations in inflammation and immunity, perception and coordination, oxygenation, metabolism, and fluid and electrolytes.**

Rationale: This course is designed for only post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department: Nursing**  
**Cross-listed: No**  
**Repeatable: No**  
**Grading Mode: Normal**  
**Instruction Type: Lecture/Lab**  
**Equivalent Courses: None**



- 9. Create the following course:**  
**NURS 4356 WOMEN AND CHILDREN'S HEALTH** 4-6-6  
**Prerequisite:** NURS 3346  
**Prerequisite or Corequisite:** NURS 3536, 4346, 4445  
**Therapeutic nursing interventions to promote health and prevent illness of women and children in a variety of clinical settings.**

Rationale: This course is designed only for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department:** Nursing  
**Cross-listed:** No  
**Repeatable:** No  
**Grading Mode:** Normal  
**Instruction Type:** Lecture/lab  
**Equivalent Courses:** None

- 10. Create the following course:**  
**NURS 4441 POPULATION FOCUSED NURSING** 3-6-5  
**Prerequisite:** NURS 4356  
**Prerequisite or Corequisite:** NURS 4451, 4465  
**The professional nurse's role in population focused health care.**

Rationale: This course is designed only for post baccalaureate students enrolled in the Accelerated BSN program.

**Effective term: Fall 2014**

**CURCAT**

**Major Department:** Nursing  
**Cross-listed:** No  
**Repeatable:** No  
**Grading Mode:** Normal  
**Instruction Type:** Lecture/Lab  
**Equivalent Courses:** None

**11. Create the following course:****NURS 4451 PROFESSIONAL NURSING LEADERSHIP AND  
MANAGEMENT****4-9-7****Prerequisite: NURS 4346****Prerequisite or Corequisite: NURS 4441, 4465****Leadership and management roles of the professional nurse in selected clinical settings.**

Rationale: This course as designed is only for post baccalaureate students enrolled in the Accelerated BSN program

**Effective term: Fall 2014****CURCAT****Major Department: Nursing****Cross-listed: No****Repeatable: No****Grading Mode: Normal****Instruction Type: Lecture/Lab****Equivalent Courses: None****12. Create the following course:****NURS 4465 Integration of Nursing Knowledge****0-6-2****Prerequisite: NURS 4346****Prerequisite or Corequisite: NURS 4441, 4451****Synthesis and evaluation of knowledge and skills for critical inquiry for professional nursing practice.**

**Rationale:** The accelerated nature of the ABSN track limits the amount of time during the academic day to arrange additional/alternative learning experiences. This course is a capstone course that assists upcoming graduates with the synthesis of knowledge and experience for professional nursing practice. The additional 3 hours of lab permits integration of simulation, computerized testing, and other learning opportunities to be integrated in to the capstone course.

**Effective term: Fall 2014****CURCAT****Major Department: Nursing****Cross-listed: No****Repeatable: No****Grading Mode: Normal****Instruction Type: Lecture/Lab****Equivalent Courses: None**

**13. Create the following program of study:**

**BACHELOR OF SCIENCE IN NURSING - ACCELERATED TRACK (ABSN)**

<b>A. General Requirements (Core Areas A, B, C, D.2.B, and E).....</b>	<b>42 hours</b>
Core Area F.....	18 hours
BIOL 2081 – Human Anatomy and Physiology I *	
BIOL 2082 – Human Anatomy and Physiology II*	
BIOL 2275 – Microorganisms and Disease*	
PSYC 1101 – Introduction to Psychology	
PSYC 2950 – Developmental Psychology	
<b>Physical Education.....</b>	<b>3 hours</b>
<b>First Year Seminar .....</b>	<b>1 hour</b>
<b>B. Major Field Courses .....</b>	<b>64 hours</b>
NURS 3314 – Professional Nursing Practice	
NURS 3319 – Pathophysiology	
NURS 3321 – Physical Assessment	
NURS 3334 – Skills and Essentials	
NURS 3346 – Adult Health I	
NURS 3351 – Comprehensive Pharmacology	
NURS 3536 – Mental Health	
NURS 4346 – Adult Health II	
NURS 4356 – Women and Children’s Health	
NURS 4441 – Population Focused Nursing	
NURS 4445 – Research for Evidence-Based Practice	
NURS 4451 – Professional Nursing Leadership and Management	
NURS 4465 – Integration of Nursing Knowledge	
One elective course selected from:	
NURS 4210 – Gerontology in the 21 <sup>st</sup> Century	
NURS 4211 – Vulnerable Populations	
NURS 4212 – International Nursing Issues and Trends	
NURS 4213 – Introduction to Forensic Nursing and the Law	
NURS 4214 – Complementary and Alternative Medicine	
NURS 4215 – Home Health Nursing	
NURS 4216 – Palliative Care at End of Life	
NURS 4219 – Nursing Perspectives: Then, Now, and the Future	
NURS 4220 – Women and Leadership in Nursing	
NURS 4221 – Nursing Practice in the Military	
NURS 4227 – Health Promotion Through the Life Span	
<b>Total Semester Hours .....</b>	<b>128</b>

Rationale: With the U.S. Department of Labor projecting the need for more than one million new and replacement registered nurses by 2020, nursing schools around the country are exploring creative ways to increase capacity and reach new student populations. One innovating approach to nursing education is the Accelerated Bachelor of Science in Nursing [ABSN] (AACN, March 2012). The ABSN provides the quickest route and best preparation to licensure for students who have already completed a bachelor's or master's degree in a non-nursing discipline. The typical second degree nursing student is motivated, older, and has higher academic expectations than traditional pre-licensure students (AACN, March 2012). Graduates are prized by nurse employers and report that these students are more mature, possess strong clinical skills, and are quick studies on the job (AACN, March 2012). Many second degree students are returning to college to further their education or to seek a career change. They do not require the typical college experience; they wish to expedite their studies and return to full time employment as quickly as possible. The Department of Nursing has consistently admitted approximately 40 post baccalaureate students each semester that could benefit from an accelerated program. The profile of our typical post baccalaureate student is married, has children, over the age of 35, making a career change, and having to give up full time employment. Each admission cycle we have a number of students inquiring about an accelerated option with 10 students currently on a waiting list for fall 2014 pending program approval.

**Effective term: Fall 2014**

D. Rehabilitation Sciences (no items)

III. College of Liberal Arts (no items)

## **IV. College of Science and Technology**

### **A. Biology**

*Items 1-12 from the Department of Biology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

#### **1. Modify the following course:**

BIOL 4970 SPECIAL TOPICS

V-V-~~3~~(1-4)

Rationale: There is need for additional flexibility in the number of credits for Special Topics courses.

**Effective Term: Fall 2014**

2. **Delete the following course:**  
 BIOL 4010 EVOLUTION 3-0-3

Rationale: This course is being replaced by BIOL 3030 (see below).

**Effective Term: Fall 2014**

3. **Create the following course:**  
 BIOL 3030 EVOLUTION 3-0-3  
**Prerequisite: BIOL 1108 or BIOL 1108H (minimum grade of C)**  
**Students will analyze the fundamental and unifying theme of evolution in biology through: mechanisms of evolution, selection, genetic variation, and speciation; fossil record and natural history of organisms; interconnectedness of ecology and evolution.**

Rationale: A foundation in Plant Biology or Microbiology is not required for this course. We are changing the number to encourage juniors to take the class, which is more in keeping with the level of the curriculum.

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Biology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: BIOL 4010**

4. **Create the following course:**  
 BIOL 3111 RESEARCH METHODS SEMINAR 1-0-1  
**Prerequisite or Corequisite: BIOL 1107 (minimum grade of C) and BIOL 1107L (minimum grade of C) or BIOL 1107H (minimum grade of C) and BIOL 1107A (minimum grade of C)**  
**Students read and discuss scientific literature in advance of professional seminar presentations, attend and participate in seminar presentations, and write reflective summaries. Students practice reading scientific literature, discuss commonly employed methods of data analysis, and experience the dissemination of science through seminar presentations. The course may be repeated up to two times for additional credit.**

Rationale: This course attempts to increase engagement of biology majors by immersing them into the process of science and the dissemination of science. It aims to create an environment in which majors from all levels (freshman through senior) can meet one another and discuss and experience science together and be exposed to new discoveries in biology.

**Effective Term: Fall 2014**

**CURCAT: Major Department: Biology**

**Can Course be repeated for additional credit? Yes**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: None**

**5. Modify the following course:**

BIOL 1107 PRINCIPLES OF BIOLOGY I ~~3-3-4~~ **3-0-3**

Prerequisite: Eligibility for ENGL 1101

Prerequisite or Corequisite: BIOL 1107L and either MATH 1111 or MATH 1001 or Eligibility for MATH 1113

Elements of chemistry; cell structure and function; DNA and protein synthesis; Mendelian and human genetics; ~~biotechnology~~; bioenergetics; ~~evolution and diversity of life; experimental design and data analysis.~~

Rationale: We are splitting the lecture and lab as two separate credit-bearing courses.

A) This allows us to begin accepting CLEP. Students may be awarded credit for BIOL 1107 (3-cr) if they show evidence of having earned a score of 55 or better on the CLEP Biology Exam. B) In addition, many students pass lab, but fail lecture. These students will not take up lab seats in upcoming semesters, allowing more room for new students. In addition, these students will not have to pay a second lab fee, and pay additional tuition for a class that they have already mastered. C) Many universities split lecture and lab for general biology into two separate credit-bearing courses. If we split the two as proposed, it will make the transfer process more effective for students who have passed either the lab or the lecture, but not both.

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Biology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: ~~4~~ **3** (Editor's note: 4 is stricken through, but you can't see it.)**

**Grading Mode: Normal**

**Instruction Type: Lecture ~~and Laboratory~~**

**Course Equivalent: None**

**6. Modify the following course:**

BIOL 1107H HONORS PRINCIPLES OF BIOLOGY I

~~3-3-4~~ **3-0-3**

rerequisite: Eligibility for ENGL 1101 and admission to the Honors Program, or permission of instructor

Prerequisite or Corequisite: BIOL 1107A and either MATH 1111 or MATH 1001 or Eligibility for MATH 1113

A more in-depth treatments of topics covered in BIOL 1107. In addition to normal lecture format, students will participate in group discussions, book reviews and debates on recent important discoveries and issues in biology. ~~Lab content will be similar to BIOL 1107, but will include more advanced lab techniques, problem-solving activities, and fieldwork.~~

Rationale: We are splitting the lecture and lab as two separate credit-bearing courses. A) This allows us to begin accepting CLEP. Students may be awarded credit for BIOL 1107 (3-cr) if they show evidence of having earned a score of 55 or better on the CLEP Biology Exam. B) In addition, many students pass lab, but fail lecture. These students will not take up lab seats in upcoming semesters, allowing more room for new students. In addition, these students will not have to pay a second lab fee, and pay additional tuition for a class that they have already mastered. C) Many universities split lecture and lab for general biology into two separate credit-bearing courses. If we split the two as proposed, it will make the transfer process more effective for students who have passed either the lab or the lecture, but not both.

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Biology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 4~~3~~ (Editor's note: 4 is stricken through, but you can't see it.)**

**Grading Mode: Normal**

**Instruction Type: Lecture ~~and laboratory~~**

**Course Equivalent: None**

**7. Modify the following course:**

BIOL 1107L PRINCIPLES OF BIOLOGY I LAB

~~0-3-0~~ 0-3-1

Prerequisite: Eligibility for ENGL 1101

Prerequisite or Corequisite: BIOL 1107 and either MATH 1111 or MATH 1001 or Eligibility for MATH 1113

Introduction to biotechnology and the scientific process in hands-on laboratory research

Rationale: We are splitting the lecture and lab as two separate credit-bearing courses. This is more in keeping with other science departments (e.g., Chemistry) and with other universities. The latter point will make the transfer process easier for students coming from other universities where they have passed either the lab or the lecture, but not both. It also allows us to begin accepting CLEP. (Editor's note: course currently exists in Banner as a zero-credit course, but does not exist in the catalog. This entry will change the credit hours in Banner and present a catalog entry.)

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Biology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 01**

**Grading Mode: Normal**

**Instruction Type: Laboratory**

**Course Equivalent: None**

**8. Modify the following course:**

BIOL 1107A HONORS PRINCIPLES OF BIOLOGY I LAB

**0-3-0 0-3-1**

Prerequisite: Eligibility for ENGL 1101

Prerequisite or Corequisite: BIOL 1107H and either MATH 1111 or MATH 1001 or Eligibility for MATH 1113

Introduction to biotechnology and the scientific process in hands-on laboratory research

Rationale: We are splitting the lecture and lab as two separate credit-bearing courses. This is more in keeping with other science departments (e.g., Chemistry) and with other universities. The latter point will make the transfer process easier for students coming from other universities where they have passed either the lab or the lecture, but not both. It also allows us to begin accepting CLEP. (Editor's note: course currently exists in Banner as a zero-credit course, but does not exist in the catalog. This entry will change the credit hours in Banner and present a catalog entry.)

**Effective Term: Fall 2014**

**CURCAT:**

**Major Department: Biology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 01**

**Grading Mode: Normal**

**Instruction Type: Laboratory**

**Course Equivalent: None**

**9. Modify the following course:**

BIOL 1108 PRINCIPLES OF BIOLOGY II

3-3-4

Prerequisite: Either BIOL 1107 (minimum grade of C) and BIOL 1107L (minimum grade of C) or BIOL 1107H (minimum grade of C) and BIOL 1107A (minimum grade of C).

Rationale: Since we have split BIOL 1107 and 1107L, students must pass both with C or better to register in BIOL 1108.

**Effective Term: Fall 2014**



**10. Modify the following course:**

BIOL 2010 MICROBIOLOGY

3-3-4

Prerequisite: BIOL 1107 (minimum grade of C) and BIOL 1107L (minimum grade of C) or BIOL 1107H (minimum grade of C) and BIOL 1107A (minimum grade of C).

Rationale: Since we have split BIOL 1107 and 1107L, students must pass both with C or better to register in BIOL 2010.

**Effective Term: Fall 2014**

**11. Modify the following course:**

BIOL 2081 HUMAN ANATOMY AND PHYSIOLOGY I

3-3-4

Prerequisite: Either BIOL 1107 (minimum grade of C) and BIOL 1107L (minimum grade of C) or BIOL 1107H (minimum grade of C) and BIOL 1107A (minimum grade of C) or a minimum grade of C in either CHEM 1151, CHEM 1211, or CHEM 1010.

Rationale: Since we have split BIOL 1107 and 1107L, students using this course as prerequisite entry to BIOL 2081 must pass both lecture and lab with C or better.

**Effective Term: Fall 2014**

**11. Modify the following course:**

BIOL 2400 INTRODUCTION TO CELL AND MOLECULAR BIOLOGY

3-0-3

Prerequisite: BIOL 1107 (minimum grade of C) and BIOL 1107L (minimum grade of C) or BIOL 1107H (minimum grade of C) and BIOL 1107A (minimum grade of C).

Rationale: Since we have split BIOL 1107 and 1107L, students must pass both with C or better to register in BIOL 2400.

**Effective Term: Fall 2014**

**12. Request for a blanket change replacement by catalog editor:**

**BIOL 1107 to BIOL 1107/1107L**

B. Chemistry and Physics (no items)

## C. Computer Science and Information Technology

*Items 1-23 from the Department of Computer Science and Information Technology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

### 1. Delete the following course:

ITEC 1300 FUNDAMENTALS OF INFORMATION TECHNOLOGY 3-0-3

Rationale: Material taught in this course, including, but not limited to: HTML programming; JavaScript programming and the fundamentals of programming; algorithmic thinking; relational database concepts; searching the Internet; privacy and security issues; and the representation of data, are all taught in an introductory manner in other courses in the curriculum. These other courses include: CSCI 1150; ITEC 1310; CSCI 1301; CSCI 2070; and ITEC 3500. This has made ITEC 1300 somewhat redundant. In addition, the addition of ITEC 2000, Introduction to Apps Development, to be added in Area F, has required that one course be removed from Area F and/or deleted.

**Effective Term: Fall 2014**

### 2. Modify the following course:

ITEC 2530 OPERATING SYSTEMS 3-0-3

Prerequisite: ~~ITEC 1300~~ CSCI 1150

~~Examples of specific operating systems. Management of memory, processors, processes, devices, files, and systems. Principles of the management of memory, processors, processes and deadlocks, synchronization of computing tasks, files, devices, and systems. Principles of network organization and network operating systems. Analysis and evaluation of comparative operating systems.~~

Rationale: With the deletion of ITEC 1300, the prerequisite for ITEC 2530 has been changed. Fundamentals of the Internet provides enough exposure to network concepts and the basics of computer hardware and software principles, as well as various Internet protocols, so as to be a good prerequisite for this course. The course description was changed to better reflect the totality of the content of the course.

**Effective Term: Fall 2014**

**3. Modify the following course:**

CSCI 1150 FUNDAMENTALS OF THE INTERNET AND THE WORLD WIDE WEB

3-0-3

Prerequisites: MATH 1001 or MATH 1111

Topics covered include basics of computer networking, ~~electronic mail, e-mail systems~~, Internet service providers, text editing, ~~basic UNIX programming~~, researching and publishing online, the Internet, the World Wide Web, searching the World Wide Web, ~~telnet and~~ FTP, HTML programming, ~~web graphics, newsgroups, mailing lists, chat rooms, programming CGI scripts~~, multimedia, people-centric Internet applications, and related privacy and security issuesconcerns.

Rationale: Telnet is no longer in general use, and is no longer used or taught at AASU. Newsgroups and mailing lists are now considered outdated methods of communication on the Internet. “People-centric Internet applications” cover the gamut of social media and other Web 2.0 concepts such as Wikis. CGI scripts has been removed because mark-up languages including HTML are more appropriate than scripting languages for a general range of majors. Web graphics has been removed because it was not clear how instructors covered it or its value for the course. The addition of computer networking concepts are covered, given the nature of the Internet and the WWW.

**Effective Term: Fall 2014**

**4. Modify the following program of study:****PROGRAM FOR THE DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY**

A. General Requirements

Core Areas A, B, C, D, E ..... 42 hours

Area F ..... 18 hours

CSCI 1150 – Fundamentals of the Internet and World Wide Web

CSCI 1301 – Introduction to Programming Principles

CSCI 1302 – Advanced Programming Principles

~~ITEC 1300 – Fundamentals of Information Technology~~

ITEC 2000 – Introduction to App Development

ITEC 1310 – ~~Programming in Visual Basic~~ Programming for Information Technology

And one of the following:

MATH 1161 – Calculus I

MATH 1950 – Applied Math for Non-Science Majors

MATH 2200 – Elementary Statistics

CSCI 2625 – Discrete Structures in Computer Science

**Effective Term: Fall 2014**

## 5. Modify the following certificate programs

### Certificate Programs

Two levels of Information Technology Certificates are offered by Armstrong Atlantic. These certificates are designed to meet the needs of a wide range of students and employers. The Level 1 (Information Technology with Applications) certificate is an introductory information technology program with a focus on applications. The Level 2 certificate (Information Technology with Programming) includes **some** Level 1 courses plus two additional programming courses.

#### **Level 1 – Information Technology with Applications..... 12 hours**

ITEC 1050 – Computer Concepts and Applications or CSCI 1060 – Computer Programming Concepts

CSCI 1150 – Fundamentals of the Internet and World Wide Web

~~ITEC 1300 – Fundamentals of Information Technology~~

ITEC 1310 – ~~Programming in Visual Basic~~ Programming for Information Technology

ITEC 2000 – Introduction to App Development

#### **Level 2 – Information Technology with Programming ..... 18-15 hours**

~~ITEC 1300 – Fundamentals of Information Technology~~

ITEC 1310 – ~~Programming in Visual Basic~~ Programming for Information Technology

ITEC 2000 – Introduction to App Development

ITEC 2530 – Operating Systems

~~CSCI 1060 – Computer Programming Concepts~~

CSCI 1301 – Introduction to Programming Principles

CSCI 1302 – Advanced Programming Principles or CSCI ~~2201~~3301 – UNIX and Secure Web Development

Rationale: The proposed deletion of ITEC 1300 and the addition of ITEC 2000 has caused the changes described above to the Program of Study for the degree Bachelor of Information Technology. These have also caused changes to the two Certificate Programs (Level 1 and Level 2). The change in the Level 2 Certificate of CSCI 2201 to CSCI 3301 is a housekeeping change – CSCI 2201 was changed to CSCI 3301 several years ago, and the corresponding change was never made to the Level 2 Certificate in the catalog. The title of ITEC 1310 was changed to **Programming for Information Technology** earlier during the Fall 2013 semester, and this change is now reflected below as well. ITEC 2000 is a programming course, and has been added to the Level 2 Certificate. CSCI 1060 has been removed from the Level 2 Certificate because it a course in algorithms, which is taught in ITEC 1310 and CSCI 1301. These changes will decrease the Level 2 Certificate to 15 credit hours.

**Effective Term: Fall 2014**

**6. Modify the following course:**

WBIT 2300 DISCRETE MATH FOR INFORMATION TECHNOLOGY 3-0-3

Prerequisites: MATH 1113 (minimum grade of C) or MATH 1950 or CSCI 2625 or permission of the instructor

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014****7. Modify the following course:**

WBIT 2311 PROGRAMMING AND PROBLEM SOLVING II 3-0-3

Prerequisites: WBIT 1310 (minimum grade of C) and WBIT 2300 (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014****8. Modify the following course:**

WBIT 3010 TECHNICAL COMMUNICATION 3-0-3

Prerequisites: ENGL 1102 (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014****9. Modify the following course:**

WBIT 3110 SYSTEM ANALYSIS AND DESIGN 3-0-3

Prerequisites: WBIT 1310 (minimum grade of C) and WBIT 2000 (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**10. Modify the following course:**

WBIT 3111 INFORMATION TECHNOLOGY PROJECT MANAGEMENT 3-0-3

Prerequisites: WBIT 3110 (minimum grade of C), WBIT 3010 (minimum grade of C), and ~~MATH 2200~~ Statistics (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**11. Modify the following course:**

WBIT 3200 DATABASE DESIGN, DEVELOPMENT AND DEPLOYMENT 3-0-3

~~Prerequisites: WBIT 2311~~ Pre or Co-Requisite in WBIT 2311 (minimum grade of C)

Description: ~~An~~ This is an advanced course in database design, development and deployment. Course emphasizes database design drawing distinctions between data modeling and process modeling using various modeling techniques including Entity-Relationship Modeling, Object Modeling and Data Flow Diagramming; database development using the relational model, normalization, and SQL; database deployment including control mechanisms, forms, reports, menus and web interfaces. Additional topics include procedures, functions, packages and triggers. Students will design, create and process a database to demonstrate competency in the course content. ~~Note: if a student is taking WBIT 2311 as a co-requisite and subsequently withdraws from WBIT 2311, the student must also withdraw from WBIT 3200.~~

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**12. Modify the following course:**

WBIT 3400 INTRODUCTION TO DIGITAL MEDIA

3-0-3

Prerequisites: WBIT 1100 (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**13. Modify the following course:**

WBIT 3410 WEB APPLICATIONS DEVELOPMENT 3-0-3  
Prerequisites: WBIT 1310 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**14. Modify the following course:**

WBIT 3500 ARCHITECTURE AND OPERATING SYSTEMS 3-0-3  
Prerequisites: WBIT 1310 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**15. Modify the following course:**

WBIT 3510 DATA COMMUNICATIONS AND NETWORKING 3-0-3  
Prerequisites: WBIT 3500 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**16. Modify the following course:**

WBIT 3600 INTRODUCTION TO E-COMMERCE 3-0-3  
Prerequisites: WBIT 3110 ([minimum grade of C](#)) and WBIT 3410 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**17. Modify the following course:**

WBIT 4112 SYSTEMS ACQUISITION, INTEGRATION AND IMPLEMENTATION

3-0-3

Prerequisites: WBIT 3110 ([minimum grade of C](#)), WBIT 3200 ([minimum grade of C](#)) and WBIT 4520 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**18. Modify the following course:**

WBIT 4120 HUMAN-COMPUTER INTERACTION

3-0-3

Prerequisites: WBIT 2311 ([minimum grade of C](#)) and WBIT 3400 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**19. Modify the following course:**

WBIT 4520 INFORMATION ASSURANCE AND SECURITY

3-0-3

~~Pre-requisite: WBIT 3500~~

Pre- or Co-requisite: WBIT 3510 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**20. Modify the following course:**

WBIT 4601 CUSTOMER RELATIONSHIP MANAGEMENT

3-0-3

Prerequisites: WBIT 3200 ([minimum grade of C](#)) and WBIT 3600 ([minimum grade of C](#))

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**



**21. Modify the following course:**

WBIT 4602 IT RESEARCH SEMINAR 3-0-3

Prerequisites: WBIT 3111 (minimum grade of C), WBIT 3200 (minimum grade of C), WBIT 3600 (minimum grade of C), and WBIT 4120 (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**22. Modify the following course:**

WBIT 4610 IT POLICY AND LAW 3-0-3

Prerequisites: WBIT 3600 (minimum grade of C)

Rationale: The WebBSIT Operating Board informed the member institutions on October 24, 2013 to make the changes for the purpose of consistency among member institutions.

**Effective Term: Fall 2014**

**23. Request for a blanket change replacement by catalog editor:**

ITEC 1310 Programming ~~in Visual Basic~~ for Information Technology

D. Engineering Studies (no items)

E. Mathematics (no items)

**F. Psychology**

*Item 1 from the Department of Psychology was discussed and the undergraduate portion approved by the committee. It is being submitted to the Graduate Curriculum Committee and therefore is marked "For Information Only" for the report to the Senate.*

**1. Modify the following course:**

PSYC 5060U/G Basic Behavior Principles and Behavior Change 3-0-3

Undergraduate Prerequisites: PSYC 1101 or PSYC 1101H, and either PSYC 3400 or both PSYC 4090 and 4091

Graduate Prerequisite: Acceptance to ~~the~~ Graduate School Studies or baccalaureate degree in psychology.

Basic principles of behavior analysis, the definition and characteristics of applied behavior analysis, and behavior change procedures, including positive and negative reinforcement, schedules of reinforcement, punishment, imitation, shaping and chaining, extinction, differential reinforcement, and antecedent interventions.

Essential material for this course is covered in PSYC 3400 (Introduction to Learning) or PSYC 4090 (Learning and Behavior) and 4091 (Learning and Behavior Laboratory).

Rationale: Currently, our three course sequence in applied behavior analysis (PSYC 5060, 5061, and 5062) has been approved by the Behavior Analysis Certification Board (BACB) as fulfilling the course requirements for students to qualify to take the Board Certified Assistant Behavior Analyst (BCaBA) Examination. Beginning in 2015, students would need to complete a four course sequence in order to qualify to take that exam. We have revised our applied behavior analysis curriculum to meet the requirement of a four course sequence: PSYC 3400 or PSYC 4090 and 4091, 5060, 5061, and 5062. In that PSYC 3400 or PSYC 4090 and 4091 will provide the foundational material for PSYC 5060, PSYC 3400 or PSYC 4090 and 4091 should be a prerequisite for PSYC 5060, just as PSYC 5060 is the prerequisite for PSYC 5061 and PSYC 5061 is the prerequisite for PSYC 5062.

**Effective Term: Fall 2014**

## **OTHER BUSINESS**

**A. Elections.** Dr. McGrath reported that he is requesting that the Faculty Senate hold UCC elections early enough for department heads and new members to avoid class scheduling conflicts.

**B. CURCAT errors.** Ms. Fulton asked everyone to exercise caution with the CURCAT information when creating new courses. There have been an unusual number of errors in repeatability and/or grading mode discovered recently in courses that were created 2 or more years ago. These errors were likely due to copy and paste errors during the creation of the courses.

**ADJOURNMENT.** The meeting was adjourned at 4:09 p.m.

Respectfully submitted,

Phyllis L. Fulton  
Catalog Editor and Secretary to the Committee