MEMORANDUM

TO: Debra Jackson, Institutional Effectiveness and Assessment
    Nadim Aziz, Interim Vice President for Academic Affairs and Provost
    James F. Barker, President

FROM: Janice W. Murdoch, Chair, Undergraduate Curriculum Committee

DATE: July 10, 2013

SUBJECT: Administrative Approval of Curriculum Items

The Undergraduate Curriculum Committee met on May 3, 2013 to approve the attached curriculum/course changes received in the Office of the Provost, July 10, 2013. The purpose of this memorandum is to respectfully request that you review this information and concur by giving final approval.

APPROVED:

[Signatures and dates]

Dr. Debra Jackson, Institutional Effectiveness and Assessment

Dr. Nadim Aziz, Interim Vice President for Academic Affairs & Provost

James F. Barker, President Clemson University

/rt
C: File
Attachments
AGENDA
University Undergraduate Curriculum Committee Meeting
Friday—May 3, 2013—1:30 PM
E304 Martin Hall

I. Call to order

II. Introductions

III. Consideration of April meeting minutes

IV. Old Business
   A. Proposal to Allow Approved Technical College Substitutions
   B. General Education

V. New Business
   A. Committee Reports
      a. Arts & Humanities – Bruce Whisler – Recommendation to deny LANG 250 AND STS 215
      b. Mathematical & Natural Sciences – Bob Green
      c. Social Science – Laura Olson
      d. Cross Cultural Awareness – Mike Coggeshall
      e. Science & Technology in Society – Pam Mack
      f. Ethical Judgment – Dan Wueste
      g. Critical Thinking – Sarah Winslow
      h. Communication – Michael LeMahieu

VI. Curricula/course approvals - attached

VII. Other business

VIII. Adjourn
Hi Rhonda:

The Arts & Humanities Gen Ed sub-committee had two courses sent for approval this spring. We have decided to deny both of them.

Lang 250 —
Denied because there were no assignments/projects to use as artifacts in the ePortfolio.

STS 215 —
Denied because the content does not have enough focus on arts and humanities.

I am sorry for not getting this to you before you made the agenda for the last UUCC meeting.

Thanks!
Bruce Whisler
Perf. Arts
University Undergraduate Curriculum Committee
Minutes Meeting
E304 Martin Hall
April 5, 2013, 1:30 PM

Members Present: Jeff Appling, chair; Eric Touya; Mike Coggeshall; Angela Morgan; Bob Kosinski; Cheryl Ingram-Smith; Mary Beth Kurz; Cheryl Ingram-Smith; Brian Dominy; Bob Horton; Roxanne Amerson; Maddy Thomas; Cecelia Hamby; Mary Bryant Huff; Pam Mack; and Rhonda Todd

Guest: Stan Smith; Drew Casella; Kathryn Rice; Ted Whitwell; Amber Lange

Appling convened the meeting at 1:30 PM

Approval of minutes

The committee approved the March meeting minutes.

New Business

A. Proposal to Allow Approved Technical College Substitutions – Kosinski opened with current policy statement, “coursework earned at different institutions will not be joined to equate with one Clemson course. No course taken at a non-baccalaureate-degree granting institution may be used as an equivalent or substitute for any 300- or 400-level Clemson course”. Several disciplines have requested modifications to the current policy so that students can bring in specific, evaluated, and approved courses. The committee discussed issues with the fact that some courses are given the higher course number, but the degree of difficulty is not more than a 200-level course. Morgan and Rice expressed concern about students who transfer to university under one major where this is acceptable, but change their major to a discipline that would not accept such a transfer credit. Kurz suggested that disciplines that want to adhere to a strict policy should be able to with the modifications, while others may want to allow 200- or 300-level credit for specific courses. She also suggested adding an equivalent 200-level course to the curricula, whether actually taught or not, so that the desired transfer course could be counted. Smith stated that shadow courses can become complicated. Appling thought that Kurz idea might provide a degree of flexibility among departments. Whitwell reminded everyone that the 200- or 300-level technical course would be accepted as transfer after a thorough evaluation. Horton stated that Scholastic Policies Committee have reviewed the idea of accepting 200- or 300-level technical courses, and does not agree with this; however, he does believe the shadow course idea would work. Whitwell expressed concern about getting departments to represent shadow courses. Appling suggested that members carry back to their department for discussion. Hamby and Rice will discuss among their department as well.

B. General Education – Appling questioned if anyone had read through the LEAP materials that Murdoch provided at the March meeting. Coggeshall suggested appointing a subcommittee to evaluate. Mack questioned if we could have an expanded General Education program like other universities. Kosinski stated that he still does not understand what is wrong with the current General Education program that we are trying to resolve. Appling stated that the Provost has expressed a desire to see revisions to Gen Ed, and the students clearly want a change due to their active participation in the process. He questioned if committee members had not learned
anything about General Education the last ten years that would improve the current model. Touya needed clarification about what we hope to achieve. Members expressed appreciation for the freedom and flexibility of the current model, and they do not want the changes to make it more restrictive and difficult to get into classes. Appling stated that Kentucky had a cluster model at one time that made it extremely hard to get into classes, and was confining, and not a lot of seats were available. Casella stated that some students feel forced to take courses that have no interest to them. Appling stated that it is important to remember that our accreditation depends on the courses being broad based and not restricted to a discipline. He encouraged everyone to determine the purpose of General Education and design something that will accomplish that.

C. Committee reports
   a. Arts & Humanities – Bruce Whisler
   b. Mathematical & Natural Sciences – Bob Green
   c. Social Science – Laura Olson
   d. Cross Cultural Awareness – Mike Coggeshall
   e. Science & Technology in Society – Pam Mack
   f. Ethical Judgment – Dan Wueste
   g. Critical Thinking – Sarah Winslow
   h. Communication – Michael LeMahieu

D. Curriculum/course approval – See attached.

Other Business
Coggeshall stated that Military Leadership has a question about advanced writing and was not sure who to contact. Appling recommended contacting Bruce Whisler who is the chair of Arts and Humanities subcommittee.

Morgan stated that she needed some information about getting some links cleared. Appling reported that links are archived in the search engine and he is working with Carol Usher, Web Services, to clear up these old links. He encouraged anyone who finds issues to contact Web Services.

Appling stated he was contacted by Admissions who requested that he investigate AP Cambridge capstone class. This program offers high school students college course credit. Students participate in a research program and are scored on a rubric, and upon successful completion of the program, they receive a certificate. Roughly fifty universities are accepting and offering college credit. Appling stated that he wanted to inform this committee since they will hold the deciding vote and determine criteria to accept such a program.

Adjourned 3:25 PM

Minutes respectfully submitted by Rhonda Todd
PROPOSED POLICY

The College of Agriculture, Forestry and Life Science at Clemson University will accept 200-level courses as substitutions for 300-level courses in the following limited circumstances:

1. CAFLS College Curriculum Committee must approve the course substitution in advance. The criteria used for approval appear below.

2. The CAFLS department that offers the 300-level course is responsible for providing evidence to the CAFLS Curriculum Committee that the 200-level technical college course is equivalent to the 300-level Clemson University course for which it will substitute. This evidence includes:
   
a. The technical college faculty teaching the course must have academic credentials equal to those required for teaching the 300-level course at Clemson.

b. The syllabus of the 200-level technical college course, including the required text or other teaching materials, must be aligned with the 300-level Clemson course.

c. The Clemson department must review these requirements on a regular basis as defined in the agreement. If the technical college course fails to meet any one of these requirements, Clemson may decline to accept the credits for future students.

3. The technical college department or unit that offers the 200-level course is responsible for monitoring compliance with the Clemson requirements. These responsibilities include:
   
a. The technical college department or unit will appoint an individual to monitor compliance with Clemson course requirements.

b. The technical college department or unit will provide syllabi and other course materials to Clemson for review on an agreed-upon schedule.

c. The technical college faculty will allow observation of instruction, if requested by Clemson

4. The criteria that shall be met by technical students participating in this program for course equivalencies are as follows:
   
a. A grade of "B", or better, is required in any 200-level technical college course that is to substituted for a Clemson 300-level course.
b. Only students that apply to Clemson University and are admitted as enrolled students will be eligible for the described academic course credit.

c. Students will receive course credit based on equivalencies stated in this Agreement. Students receive only credit – no grade is transferred to the Clemson transcript.

d. This Agreement does not constitute any guarantee that students completing these technical college courses will be admitted to Clemson University.

5. Minor course changes may be made within each participating institution and approved according to the policies of that institution.

6. If substantial changes are made to the course coverage at either institution, the changing party must notify the other and provide an opportunity for opting out of the course equivalency.

7. Courses covered by this agreement may be added or subtracted through an addendum signed by all parties.

8. Changes to this agreement require written approval of all parties.

9. This agreement will be construed in accordance with the laws of the State of South Carolina.

Assuming that this agreement is approved by the University Undergraduate Curriculum Committee, we propose that the transfer policy on p. 25 of the 2012-2013 catalog be amended from:

“No course taken at a non-baccalaureate degree-granting institution may be used as an equivalent or substitute for any 300- or 400-level Clemson course."

To:

“No course taken at a non-baccalaureate degree-granting institution may be used as an equivalent or substitute for any 300- or 400-level Clemson course, except for courses approved for such equivalence by signed agreements between a non-baccalaureate institution and the College of Agriculture, Forestry, and Life Sciences."

A possible list of future course substitutions appears in Appendix A.
Appendix A

A possible list of Technical College courses that might be accepted for 300-level CAFLS courses. **None of these courses have been approved yet.**

<table>
<thead>
<tr>
<th>Technical College Course</th>
<th>Criteria for Credit</th>
<th>Clemson Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 201 Zoology</td>
<td>Grade of B or above</td>
<td>BIOSC 303, 307 Vertebrate Biology</td>
</tr>
<tr>
<td>BIO 202 Botany</td>
<td>Grade of B or above</td>
<td>BIOSC 304, 308 Plant Biology</td>
</tr>
<tr>
<td>MLT 105 Medical Microbiology and 205 Advanced Microbiology</td>
<td>Grade of B or above</td>
<td>MICRO 305 General Microbiology</td>
</tr>
<tr>
<td>MLT 210 Advanced Hematology and 230 Advanced Clinical Chemistry</td>
<td>Grade of B or above</td>
<td>BIOMEDICINE requirement</td>
</tr>
<tr>
<td>BIO 203 Principles of Genetics</td>
<td>Grade of B or above</td>
<td>GEN 300 Fundamental Genetics</td>
</tr>
<tr>
<td>CHM 213 Principles of Biochemistry</td>
<td>Grade of B or above</td>
<td>BIOCH 305 Essential Elements of Biochemistry</td>
</tr>
</tbody>
</table>
I. College of Agriculture, Forestry and Life Sciences
   
   A. Biological Science
      BIOSC 483/683  Stem Cell Biology - new course  3(3,0)  1

II. College of Engineering and Science
   
   A. Bioengineering
      BIOE 431/631  Medical Imaging - change prerequisites  3(3,0)  3

   B. Chemical and Biomolecular Engineering
      ChBE 130  Chemical Engineering Tools - change of prerequisites  2(1,2)  5

   C. Environmental Engineering and Earth Science
      Environmental Engineering & Science - delete major  6
      Geology BA - delete major  7

   D. Mathematical Sciences
      EX ST 301/H  Introd Statistics - change catalog title and descript, prerequisite  3(2,2)  8
      MTHSC 203  Elem Stat Inference - delete course  11
      MTHSC 301/H  Stat Methods I - change catalog title and descript, prerequisite  3(3,0)  12
      EX ST 311  Introd Statistics II - delete course  14
      MTHSC 309  Intro Business Stat - change course abbreviation  3(3,0)  15
      MTHSC 302  Engr Stat - change catalog description  3(3,0)  17
      MTHSC 405/605  Stat Methods II - change catalog and prerequisites  3(3,0)  19

III. College of Business and Behavioral Sciences
   
   A. Psychology
      PSYCH 310  Advanced Exp Psychology - change catalog and prerequisites  4(3,2)  20
      PSYCH 309  Intro Exp Psychology - change prerequisites  4(3,2)  22
      PSYCH 415  Systems and Theories - change prerequisites  3(3,0)  24
      PSYCH 495  Pract Applied Psych - change prerequisites  3(1,5)  26
      Psychology BS - change major curriculum requirements  27

   B. Military Leadership
      ML 390  American Army Military Experience - new course  3(3,0)  32

IV. College of Health, Education and Human Development
   
   A. Education
      ED 103  Introd to Content Specific Learning Strat - new course  2(2.0)  35

** Items in dark gray are tabled
I. College of Agriculture, Forestry and Life Sciences

A. Microbiology

Microbiology- change curriculum requirements 1
Microbiology (Biomedicine)- change curriculum requirements 3
MICRO-H 415 Microbial Genetics- change prerequisites 5

B. Agricultural Education

AG ED 103 Multiculturalism- change catalog and prerequisite 7

C. Agriculture

AGRIC 355 Team & Org. Leadership- delete course 9
AGRIC 412 AG Leadership SEM- delete course 10

D. Community and Rural Development

C R D 357 Natural Resources Economics- change course 12
C R D 361 Introduction to Health Care Economics- change course 14
C R D 412 Regional Economic Development- change course 16
C R D 491 Internship- change course 18
C R D 494 Creative Inquiry- change course 20

II. College of Engineering and Science

A. Environmental Engineering and Science

EE&S 300 Honors Seminar-Introduction to Research- new course 22
EE&S 301 Honors Research I- new course 23
EE&S 400 Honors Research II- new course 24
EE&S 495 Honors Thesis- new course 25

III. College of Architecture, Arts and Humanities

A. Art

ART 355 Atelier In Site-Creative Inquiry- new course 26
ART 455 Atelier In Site-Creative Inquiry- new course 32

IV. College of Health, Education and Human Development

A. Youth Development Studies

Youth Development Studies- new major 38
YDP 300 Youth Dev. in Society- new course 43
YDP 305 Theory of Youth Dev.- new course 46
YDP 310 Youth Dev and Family- new course 49
YDP 315 Comm Youth Dev. Sys.- new course 52
YDP 320 Youth Dev. in Sport- new course 55
YDP 325 Youth and Diversity- new course 58
YDP 330 Youth Program Design- new course 61
YDP 335 Activity Leadership- new course 64
YDP 340 Youth Program Delivery- new course 67
YDP 345 Creative Activities- new course 70
YDP 440 Program Assessment and Evaluation- new course 73
YDP 445 Youth Organization Administration- new course 76
YDP 450 Professional Issues- new course 79
YDP 455 Youth and Technology- new course 82
YDP 499 Youth Dev Fieldwork 85
### B. Elementary Education

**ED EL 321**

- PE for the Elementary Teacher - change prerequisite: 3(3,0) 88
- Elementary Education - change general ed. requirements: 90
- Elementary Education - change curriculum requirements: 93

### C. Nonprofit Leadership

**NPL 300**

- Proposal - Certificate in Non-Profit Leadership: 96
- Nonprofit Leadership - change catalog and credit: 3(3,0) 97

**NPL 490**

- Practicum II - change credit, catalog, and prerequisite: 3(0,9) 100

**NPL 301**

- NPL Stakeholders - new course: 3(3,0) 103

**NPL 302**

- NPL Fundraising - new course: 3(3,0) 106

**NPL 303**

- NPL Personnel - new course: 3(3,0) 109

**NPL 304**

- NPL Risk Management - new course: 3(3,0) 115

### D. Parks, Recreation and Tourism Management

**PRTM 395**

- PGM Seminar III - change catalog description: 2(2,0) 118
- PRTM (Professional Golf Management) - change curriculum and gen. ed. requirements: 120
- PRTM (Com Rec, Sport, and Camp Mgt) - change curriculum and gen. ed. requirements: 122
- PRTM (Parks and Conserv Area Mgt) - change curriculum and gen. ed. requirement: 127
- PRTM (Travel and Tourism) - change curriculum and gen. ed. requirements: 132
- PRTM (Therapeutic Recreation) - change curriculum and gen. ed. requirements: 137
- PRTM (Undeclared) - change curriculum and gen. ed. requirements: 142