



MEMORANDUM

TO: Jeremy King, Institutional Effectiveness and Assessment
Robert Jones, Vice President for Academic Affairs and Provost

FROM: John D. Griffin, Chair, Undergraduate Curriculum Committee

DATE: December 11, 2017

SUBJECT: Administrative Approval of Curriculum Items

**ASSOCIATE PROVOST
AND DEAN
UNDERGRADUATE
STUDIES**

Clemson University
E101 Martin Hall
Clemson, SC
29634

The Undergraduate Curriculum Committee met on November 3, 2017 to approve the attached curriculum/course changes received in the Office of the Provost, December 20, 2017. The purpose of this memorandum is to respectfully request that you review this information and concur by giving final signature approval.

APPROVED:

 DATE 12/26/2017

DR. JEREMY KING, INSTITUTIONAL EFFECTIVENESS AND ASSESSMENT

 DATE 1/11/18

DR. ROBERT JONES, VICE PRESIDENT FOR ACADEMIC AFFAIRS & PROVOST

/rft

C: File

Attachments

P 864-656-3942
F 864-656-1363

AGENDA
University Undergraduate Curriculum Committee Meeting
Friday—November 3, 2017 —1:30 PM
E304 Martin Hall

- I. Call to order**
- II. Introductions**
- III. Consideration of October meeting minutes**
- IV. New Business**
- V. Old Business**
 - A. Gen Ed Task Force Update - Trogden
- VI. Committee reports**
 - A. Arts & Humanities – Bruce Whisler – This committee recommends approval of Religion 3350 Islam and the West for AAH non-literature GE credit.
 - B. Mathematical & Natural Sciences – Bob Kosinski
 - 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 – Cameron Bushnell
- VI. Curricula/course approvals - attached**
- VII. Other business**
- VIII. Adjourn**

University Undergraduate Curriculum Committee

Minutes Meeting

E304 Martin Hall

October 6, 2017, 1:30 PM

Members Present: Jeff Appling, acting chair; Dale Layfield; Sallie Hambright-Belue; Keith Morris; Mike Coggeshall; Joe Mazer; Mindy Spearman; Janie Hodge; Chris Kitchens; Chad Sosolik; Bob Kosinski; Roger Gomes; Jack Wolf; Ed Rock; Shannon Clark; Sissy Hamby; Pam Mack; Blake Snider; Bridget Trogden; Rene' Schmauder; Scott Phillips; Donna Barrett and Rhonda Todd

Guests: Michelle Cook (Education); Debbie Jackson (representing Education)

Appling convened the meeting at 1:30 PM

Introductions

Appling welcomed the committee.

Approval of minutes

The committee approved the September meeting minutes.

New Business

IB Program – Appling reported that there is two new recommendations to approve IB program proposal: Greek – LANG 1999; Further Mathematics – MATH 1999. Wolf made a motion to approve, the motion received a second, all approved, none opposed. These will be listed in catalog with the IB program.

Old Business

- A. General Education Task Force Update – Trogden distributed materials to the committee, and gave an overview of the future plans for the GE Task Force.
- B. Committee Reports
 - a. Arts & Humanities – Bruce Whisler
 - b. Mathematical & Natural Sciences – Bob Kosinski
 - c. Social Science – Laura Olson
 - d. Cross Cultural Awareness – Mike Coggeshall
 - e. Science & Technology in Society – Pam Mack
 - f. Ethical Judgment – John Griffin
 - g. Critical Thinking – Sarah Winslow
 - h. Communication – Cameron Bushnell

Curriculum/course approval – See attached course list. Items in gray were tabled/withdrawn.

Other Business

Coggeshall questioned if it possible to apply prerequisites to Political Science majors for a course, but those same prerequisites would not apply to students not in the major. Clark explained that it would be impossible to track this in Degree Works.

The meeting adjourned at 2:58 PM.

Minutes respectfully submitted by Rhonda Todd

General Education Revision Tasks - DRAFT

Note: This has NOT yet been reviewed or evaluated by the '17-'18 General Education task force. Draft only.

17-18

Open forums (fac AND staff) to seek input on learning outcomes

Develop learning outcomes, rubrics

Create standing Gen Ed committee

18-19

Open forums for understanding/tweaking learning outcomes, rubrics

Gen Ed committee brings to Faculty Senate

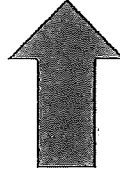
Develop transition plan, implementation & resources plan, fac development plan

19-20

Faculty development
Course design workshops
Faculty learning communities

Pilots

Fall 2020
Launch



Bridget Trogden, Associate Dean
Trogden@Clemson.edu

I. College of Engineering, Computing and Applied Sciences				
A.	Mechanical Engineering			
	Tabled	ME 4560/6560	Additive Manufacturing- add course	1
	Tabled	ME 4561/6561	Additive Manufacturing Lab- add course	7
B.	Bioengineering			
			Memo - Approved technical requirement courses	9
C.	Electrical Engineering			
	Tabled	ECE 1010	Robots in Business and Society- attribute change	11
		ECE 4160	Smart Grid- change prerequisite	14
		ECE 4310	Intro to Computer Vision- change prerequisite	16
		ECE 4420	Knowledge Engr- change prerequisite	18
		ECE 4550	Robot Manipulators- change prerequisite	20
			BS Electrical Engineering - change major	22
D.	Computer Engineering			
			BS Computer Engineering - change major	25
E.	General Engineering			
		ENGR 1300	Engr Fundamentals- delete course	28
		ENGR 1301	Engr Fundamentals Lab- delete course	30
		ENGR 2090	Intro to Engr/Computer Graphics- change credit	32
		ENGR 2091	Intro to Engr/Computer Graphics- delete course	35
F.	Industrial Engineering			
		IE 4000	Honors Thesis- change prerequisite	37
II. College of Behavioral, Social and Health Sciences				
A.	Political Science			
		POSC 4080	Religion and World Politics- add course	39
		POSC 4430	Political Behavior- change catalog description	42
	Dept. Pulled	POSC 4510	Contemp Political Thought- add course	45
B.	Anthropology			
		ANTH 4030	Qualitative Methods- change catalog/transcript title	48
C.	Public Health Sciences			
		HLTH 2020	Intro to Public Health- change course	51
		HLTH 2030	Health Care Sys- change course	54
		HLTH 2980	Human Hlth & Disease- change course	57
		HLTH 3800	Epidemiology- change prerequisite/corequisite	60
		HEHD 1990	HEHD Creative Inquiry I- delete course	63
		HEHD 2990	HEHD Creative Inquiry II- delete course	65
		HEHD 3990	HEHD Creative Inquiry III - delete course	67
		HEHD 4990	HEHD Creative Inquiry IV - delete course	69
III. College of Agriculture, Forestry, and Life Sciences				
A.	Forestry & Environmental Natural Resources			
			Blanket substitution	71
IV. College of Architecture, Arts and Humanities				

Approved Courses/Curricula

October 6, 2017, 1:30 PM

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A.	Construction Science Management			
		CSM 3510	Construction Estimating- change prerequisite/corequisite	72
B.	English			
		ENGL 1031	Accelerated Comp Lab- change course	74
		ENGL 3450	Structure of Fiction- change course	77
		ENGL 3460	Structure of Poetry- change course	80
		ENGL 3480	Structure Screenplay- change course	83
		ENGL 3570	Film- change course	86
		ENGL 3571	Film Lab- change a cross reference	89
		ENGL 4500	Film Genres- change a cross reference	91
		ENGL 4501	Film Genres Lab- change a cross reference	93
		ENGL 4510	Film Theo/Criticism- change a cross reference	95
		ENGL 4511	Film Theo/Criticism Lab- change a cross reference	97
		ENGL 4520	Great Directors- change a cross reference	99
		ENGL 4521	Great Directors Lab- change a cross reference	101
		ENGL 4530	Sexuality and Cinema- change a cross reference	103
		ENGL 4531	Sex and Cinema Lab- change a cross reference	105
		ENGL 4540	Sel Top in International Film- change a cross reference	107
		ENGL 4541	Sel Top International Film Lab- change a cross reference	109
		ENGL 4550	American Humor- change catalog description	111
			Film Studies- change minor	114
C.	World Cinema			
			BA World Cinema - change major	122
V.	College of Education			
A.	Early Childhood Education			
			Early Childhood Education - change major	123
B.	Elementary Education			
			Elementary Education - change major	127
C.	Secondary Education			
			BA Secondary Education - change major	133
			BS Mathematics Teaching - change major	142
			BS Science Teaching - change major	146
			BA Science Teaching - change major	152
			BA Special Education - change major	161

I.	College of Engineering, Computing and Applied Sciences			
			CECAS Catalog Memo	1
A.	School of Computing			
			BS Computer Science- change major	2
			BA Computer Science- change major	5
		Tabled	BA Computer Science Gen Ed Requirements- gen ed checklist	8
		BUGS	Memo Academic Forgiveness	10
			BS Computer Info Systems- change major	15
B.	Environmental Engineering			
			Geology- change minor	18
C.	General Engineering			
		ENGR 2100	CAD & Engineering Applications- change catalog description	22
D.	Mechanical Engineering			
		ME 4930	Selected Topics in Mech Engr- change rationale	25
		ME 3000	Junior Honors Seminar- change rationale	28
		ME 3120	Manuf Processes- change prerequisite	30
E.	Civil Engineering			
			BS Civil Engineering- change major	32
II.	College of Behavioral, Social and Health Sciences			
A.	Sociology & Anthropology			
		SOC 2040	Prof Dev for Soc Majors- change rationale	36
		SOC 4970	Senior Lab- delete course	39
		SOC 2050	Sociology Lab- delete course	41
			BS Sociology- change major - retracted by the department	43
			BA Sociology- change major - retracted by the department	45
B.	Political Science			
			BS Political Science- delete major	47
			Global Politics- add minor	49
III.	College of Agriculture, Forestry, and Life Sciences			
A.	Forestry & Environmental Conservation			
		WFB 4800/6800	Waterfowl Ecology & Mgt.- add course	51
B.	Plant & Environmental Sciences			
		PES 4330/6330	Landscape & Turf Weed Mgt- change catalog & transcript title	54
		PES 4331/6331	Landscape & Turf Weed Mgt Lab- change catalog & transcript title	56
			BS Plant and Env Sciences- change major	61
		PES 3910	Junior Honors Research- add course	66
			Addendum on page 3	
IV.	College of Architecture, Arts and Humanities			
A.	English			
		ENGL 2145	African American Literature- add course	70
B.	Philosophy & Religion			
		REL 4210	Koine Greek of the New Testament- add course	78
		REL 4220	Early Greek Manuscripts of New Testament- add course	87

			BA Religion- change major	95	
V.	College of Education				
	A.	Education & Org Ldshp Dev			
		Tabled	AL 4490	Belief Systems & Athletic Leadership- add course	101
			AL 4530	Athl Injuries: Prevent/Rehab- change prerequisite/corequisite	104
			AL 3520	Kinesiology- change prerequisite/corequisite	106
			AL 3530	Athletic Injuries- change prerequisite/corequisite	108
			AL 3500	Sci Basis I/Ex Phy- change prerequisite/corequisite	110
			AL 3600	Hgh Sch Athl Ethical/Legal Iss- change prerequisite/corequisite	112
			AL 3610	Admin/Org of Athletic Programs- change prerequisite/corequisite	114
		Tabled	AL 3620	Psychology of Coaching- change prerequisite/corequisite	116
			AL 3710	Coaching Baseball- change prerequisite/corequisite	118
			AL 3720	Coaching Basketball- change prerequisite/corequisite	120
			AL 3730	Coaching Cross Country- change prerequisite/corequisite	122
			AL 3740	Coaching Football- change prerequisite/corequisite	124
			AL 3750	Coaching Soccer- change prerequisite/corequisite	126
			AL 3760	Coaching Strength/Conditioning- change prerequisite/corequisite	128
			AL 3770	Coaching Track & Field- change prerequisite/corequisite	130
	B.	Special Education			
				BA Special Education- change major	132
			EDSP 4990	Special Education Honors Research & Dissemination	136
VI.	College of Science				
	A.	Biological Sciences			
			BIOL 4900	REU for Visiting Undergrads- add course	139
			MICR 4050/605	Adv Microbial Eco of Humans- change prerequisite/corequisite	142
	B.	Chemistry			
			CH 4020/6020	Inorganic Chemistry- change prerequisite/corequisite	144
			CH 4040/6040	Bioinorganic Chemistry- change prerequisite/corequisite	147
				BA Chemistry- change major	150
	C.	Mathematical Sciences			
			MATH 4830	REU for Visiting Undergrads- add course	154
			MATH 2080	Intro to Ordin Diff Equations- change prerequisite/corequisite	157
			MATH 3020	Stat for Science & Engineering- change prerequisite/corequisite	159
			MATH 3110	Linear Algebra- change prerequisite/corequisite	161
			MATH 3190	Intro to Proof- change prerequisite/corequisite	163
			MATH 3600	Intermediate Math Computing- change prerequisite/corequisite	165
			MATH 4000	Theory of Probability- change prerequisite/corequisite	167
			MATH 4020	Stat for Science & Engineering II- change prerequisite/corequisite	169
			MATH 4030	Intro to Statistical Theory- change prerequisite/corequisite	171
			MATH 4110	Intro to Combinatorics- change prerequisite/corequisite	173
			MATH 4190	Discrete Math Structures I- change prerequisite/corequisite	175
			MATH 4310	Theory of Interest- change prerequisite/corequisite	177
			MATH 4340	Adv Engineering Mathematics- change prerequisite/corequisite	179
			MATH 4600	Intro to Numerical Analysis I- change prerequisite/corequisite	181

Approved Courses/Curricula
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VII.	College of Business			
	A.	Financial Management		
			BS Financial Management - change major	183
	B.	Marketing		
		MKT 4310	Marketing Research - change prerequisites	185
VIII.	Interdisciplinary			
			Cybersecurity - Minor - new	187
III.	College of Agriculture, Forestry and Life Sciences			
		AFLS 2000	Agriculture and Forestry Domestic Tour	198