

Missouri University of Science and Technology

Formerly University of Missouri-Rolla

Minutes of the Campus Curricula Committee Meeting August 19, 2014 2:00 p.m., Room 106 B Parker Hall

Attendees: Kaylon Buckner, Petra DeWitt, Barry Flachsbart, Kristy Giacomelli, Irina Ivliyeva, Gearoid McSithigh, Ilene Morgan, Thomas Schuman, and Paul Worsey.

The following curriculum forms were discussed and approved:

Degree Change Forms:

File #232 File #30.5

File #135.9

Course Change Forms:

File #2004.1	File #4091
File #2329.5	File #666.1
File #2214.2	File #1173.1
File #840.1	File #392.1
File #567.1	File #1928.1
File #986.1	File #4093

Experimental Course Forms:

File #4096 File #4100

File #4099 (approved as EC)

Dr. Schuman presented an updated on the Bachelor of Science Curriculum Standard

AY 2014-2015 Curricula Meeting Dates and Form Submission Deadlines were approved.

The meeting adjourned at 3.45 p.m.

Thomas Schuman, Chair

Missouri S&T Campus Curricula Committee

Page 1



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Missouri S&T Campus Curricula Committee

Page 1

Program Change Request

New Program Proposal

Date Submitted: 04/14/14 11:20 am

Viewing: PROPOSED: Military Aerospace Studies Minor

File: 232

Last edit: 08/25/14 11:26 am Changes proposed by: chronisterbk

Start Term Fall 2015
Program Code PROPOSED

Department Aerospace Studies - Air Force ROTC

Title Military Aerospace Studies Minor

Program Requirements and Description

Air Force Reserve Officer Training Corps (ROTC) is administered by the Department of Aerospace Studies. Although Air Force ROTC is set up as a four-year program, students can choose a four, three and a half, or three year course of study. The first two years of the program, called the General Military Course (GMC), cover basic introductory military topics as well as communication and leadership. The final two years of the program, called the Professional Officer Course (POC), cover topics such as leadership, management, doctrine, international events, quality, communication, and officership. To fulfill the requirements for the proposed Aerospace Studies minor, students will complete all of the following classes for a total of 16 credit hours.

In Workflow

- 1. RMILISCI Chair
- 2. CCC Secretary
- 3. Pending CCC Agenda post
- 4. CCC Meeting Agenda
- 5. Campus Curricula Committee Chair
- 6. FS Meeting Agenda
- 7. Faculty Senate Chair
- Registrar
- juliep

Approval Path

- 07/01/14 1:50 pm sowam: Approved for RMILISCI Chair
- 07/07/14 9:17 am kleb6b: Approved for CCC Secretary
- 07/29/14 9:01 am kleb6b: Approved for Pending CCC Agenda post
- 08/25/14 11:26 am kleb6b: Approved for CCC Meeting Agenda
- 08/25/14 11:33 am tschuman: Approved for Campus Curricula Committee Chair

MIL AIR 1110	Foundations Of The U.S. Air Force I	1
MIL AIR 1120	Foundations Of The U.S. Air Force II	1
MIL AIR 2110	The Evolution Of USAF Air And Space Power I	1
MIL AIR 2120	The Evolution Of USAF Air And Space Power II	1
MIL AIR 3110	Air Force Leadership Studies I	3
MIL AIR 3120	Air Force Leadership Studies II	3
MIL AIR 4110	National Security Affairs/Preparation For Active Duty I	3
MIL AIR 4120	National Security Affairs/Preparation For Active Duty II	3

Justification for

Department request

request

Supporting Documents

Course Reviewer

kleb6b (04/04/14 11:44 am): Rollback: Please clarify the requirements for the

Comments

proposed Minor using 4 digit course numbers

kleb6b (04/04/14 3:17 pm): Rollback: Clarify Minor Requirements

kleb6b (08/22/14 11:55 am): Change Start Term kleb6b (08/25/14 11:26 am): Name Change

Kev: 232

1 of 1 8/26/2014 8:09 AM

Program Change Request

Date Submitted: 05/12/14 3:09 pm

Viewing: A&E BIO-MS: Applied and Environ Biology MS

File: 30.5

Last approved: 04/28/14 8:22 am Last edit: 07/30/14 7:36 am

Changes proposed by: shannonk

Biological Sciences

Catalog Pages Using this Program

Start Term Fall 2015-8/1/2014

Program Code A&E BIO-MS

Department Biological Sciences

Title Applied and Environ Biology MS

Program Requirements and Description

Degree Requirements M.S. - with thesis

In Workflow

- 1. RBIOLSCI Chair
- 2. CCC Secretary
- 3. Sciences DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting Agenda
- 6. Campus Curricula
 Committee Chair
- 7. FS Meeting Agenda
- 8. Faculty Senate Chair
- Registrar
- 10. juliep

Approval Path

- 05/12/14 3:37 pm aronstam: Approved for RBIOLSCI Chair
- 05/12/14 3:56 pm kleb6b: Approved for CCC Secretary
- 07/30/14 7:37 am tauritzd: Approved for Sciences DSCC
 Chair
- 4. 07/30/14 7:42 am kleb6b: Approved for Pending CCC Agenda post
- 5. 08/22/14 12:04 pm kleb6b: Approved for CCC Meeting Agenda
- 08/22/14 12:25 pm tschuman:
 Approved for Campus Curricula Committee Chair

History

1. Apr 28, 2014 by shannonk

BIO SCI 6223	Research Proposal Writing	
BIO SCI 5099	Graduate Research	
BIO SCI 6273	Techniques In Applied And Environmental Biology	
BIO SCI 5010	Graduate Seminar	
BIO SCI 6202	Problems In Applied And Environmental Biology	

Degree Requirements M.S. - without thesis

BIO SCI 6202	Problems In Applied And Environmental Biology
BIO SCI 5010	Graduate Seminar

Elective courses are chosen with guidance from the advisor and advisory committee. A minimum of 30 credit hours is required for a MS degree. Up to 6 credit hours may be taken at the 3000-level in courses offered by other departments. Candidates for the MS degree with thesis conduct original research that is defended in a final oral examination. Non-thesis MS degree candidates take a comprehensive written final examination.

1 of 2 8/26/2014 8:08 AM

Justification for We are removing the requirement for the course Bio Sci 6273 Techniques in Applied request and Environmental Biology and replacing it with a requirement for Bio Sci 6223 Research Proposal Writing.

Supporting Documents

Course Reviewer tauritzd (07/30/14 7:36 am): This form was submitted too late to be effective FS2014, thus the effective term has been changed to the next possible, which is FS2015.

Key: 30

2 of 2 8/26/2014 8:08 AM

Program Change Request

Date Submitted: 04/24/14 9:55 am

Viewing: TCH COM-MS: Technical Communication MS

File: 135.9

Last approved: 04/23/14 3:38 pm Last edit: 08/22/14 12:18 pm

Changes proposed by: kswenson

Technical Communication

Catalog Pages Using this Program

Start Term Fall 2015-8/1/2014

Program Code TCH COM-MS

Department English and Technical Communication

Title Technical Communication MS

Program Requirements and Description

M.S. Degree Requirements

The following 10 courses (totaling 30 credit hours) are required for the M.S.:

In Workflow

- 1. RENGLISH Chair
- 2. CCC Secretary
- 3. Arts & Humanities DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting Agenda
- 6. Campus Curricula Committee Chair
- 7. FS Meeting Agenda
- Faculty Senate
 Chair
- 9. Registrar
- 10. juliep

Approval Path

- 04/24/14 9:58 am kswenson:
 Approved for RENGLISH Chair
- 2. 04/24/14 3:29 pm kleb6b: Approved for CCC Secretary
- 04/25/14 9:20 am ivliyeva: Approved for Arts & Humanities DSCC Chair
- 4. 04/30/14 2:38 pm kleb6b: Approved for Pending CCC Agenda post
- 5. 05/21/14 4:24 pm kleb6b: Rollback to Pending CCC Agenda post for CCC Meeting Agenda
- 07/29/14 9:04 am kleb6b: Approved for Pending CCC Agenda post
- 7. 08/22/14 12:18 pm kleb6b: Approved for CCC Meeting Agenda
- 08/22/14 12:24 pm tschuman:
 Approved for Campus Curricula
 Committee Chair

History

 Apr 23, 2014 by kswenson

TCH COM 5620	Research Methods in Technical Communication	3
<u>TCH COM 4520</u>	Help Authoring	3
<u>TCH COM 5510</u>	Technical Editing	3
TCH COM 5530	Usability Studies	3
<u>TCH COM 5610</u>	History of Technical Communication	3

1 of 2 8/26/2014 8:09 AM

TCH COM 6600	Foundations of Technical Communication	3
TCH COM 5560	Web-Based Communication	3
TCH COM 5450	Course TCH COM 5450 Not Found	3
TCH COM 6440	Advanced Theories of Visual Technical Communication	3
TCH COM 6450	Advanced International Technical Communication	3
TCH COM 5550	Advanced Proposal Writing	3
Total Credits		30

A student completing the master's degree will also take a comprehensive exam during his/her final semester. If the student chooses to do a thesis instead of the exam, and the technical communication faculty give their approval to this plan, the student will have to take 6 hours of advisor-approved 4000-level and above-TCH COM 5099: coursework in addition to the above 10-course sequence. Research in addition to the above 10-course sequence.

Justification for

Thesis students should register for research rather than additional coursework.

request

Supporting Documents

Course Reviewer

kleb6b (05/21/14 4:24 pm): Rollback: Tabled until next meeting

Comments kleb6b (06/13/14 11:17 am): Update Start Term

kleb6b (08/22/14 12:18 pm): Switched out TCH COM 5450 for TCH COM 6450

Key: 135

Viewing: ART 1	1185 : Study Of Film	In Workflow 1. RPHILOSO Chair
File: 2004.1		2. CCC Secretary
Last edit: 08/22/1	14 12:21 pm	3. Arts &
Changes proposed	by: denises	Humanities DSCC
Programs referencing this course	ART-MI: Art Minor ECON-BS: Economics BS FILM<-MI: Film and Literature Minor	Chair 4. Pending CCC Agenda post 5. CCC Meeting
Other Courses referencing this course	In The Prerequisites: ART 3245 : Thomas Hart Benton And The Tradition Of American Art ART 3250 : Thematic Studies In Film & Literature	Agenda 6. Campus Curricula Committee Chair 7. FS Meeting Agenda
Requested Effective Change Date	Spring 2015-Fall 2014	8. Faculty SenateChair9. Registrar
Department	Arts, Languages, & Philosophy	10. Ishelton11. Peoplesoft
Discipline	Art (ART)	11. Peoplesoft
Course Number	1185	Approval Path
Title Abbreviated Course Title Catalog	Study Of Film Study Of Film A study of classic and contemporary films with emphasis on director's technique and	1. 06/26/14 12:21 pm lance: Approved for RPHILOSO Chair
Description Prerequisites Field Trip Statement	philosophy. Films by Fellini, Antonioni plus Bergman, Chaplin, etc. will be viewed and discussed. \$30 lab fee required.	2. 07/07/14 9:18 an kleb6b: Approved for CCC Secretary 3. 07/07/14 11:40 am ivliyeva:
Credit Hours	LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3	Approved for Arts
Required for Majors	No	& Humanities DSCC Chair 4. 07/29/14 8:45 an
Elective for Majors	Yes	kleb6b: Approved
Justification for change: Semesters previously offered as an	\$30 Lab fee required added to Program Description	Agenda post 5. 08/22/14 12:21 pm kleb6b: Approved for CCC Meeting Agenda 6. 08/22/14 12:22

experimental	pm
course	tschuman:
Co-Listed Co-Listed	Approved for
Courses:	Campus Curricula
-	Committee Chair
Course Reviewer	
Comments	

Key: 2004

Date Submitted: 05/	New Course Proposal	In Workflow
	CI 6223: Research Proposal Writing	1. RBIOLSCI Chair
	Ci 0223 . Research Proposal Writing	2. CCC Secretary
File: 4091	4.12.22 pm	3. Sciences DSCC Chair
Last edit: 08/22/14 Changes proposed b	·	4. Pending CCC
changes proposed b		Agenda post
Programs	A&E BIO-MS: Applied and Environ Biology MS	5. CCC Meeting
referencing this		Agenda
course		6. Campus Curricu Committee Cha
Requested	Spring 2015	7. FS Meeting
Effective Change		Agenda
Date		8. Faculty Senate
Department	Biological Sciences	Chair 9 Registrar
Discipline	Biological Sciences (BIO SCI)	9. Registrar 10. Ishelton
Course Number	6223	11. Peoplesoft
Title	Research Proposal Writing	
Abbreviated	Research Proposal	Approval Path
Course Title		1. 05/12/14 3:37 p
Catalog	Students will learn best practices of grant proposal writing. Students will conduct	Approved for
Description	background research, prepare an annotated bibliography, brainstorm specific aims,	RBIOLSCI Chair
	and critique each other's writing. The course will conclude with a presentation by	2. 05/12/14 3:56 p
	the student of their finished proposal.	kleb6b: Approve
Prerequisites	Graduate standing	for CCC Secretar 3. 07/30/14 7:33 a
Field Trip	none	tauritzd:
Statement		Approved for
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	Sciences DSCC
Required for	No	Chair 4. 07/30/14 7:44 a
Majors		kleb6b: Approve
Elective for	Yes	for Pending CCC
Majors		Agenda post
Justification for	This course is a new requirement to replace the required course Techniques in	5. 08/22/14 12:22 pm
new course:	Applied and Environmental Biology	kleb6b: Approve
Semesters		for CCC Meeting
previously		Agenda
offered as an		6. 08/22/14 12:26
experimental course		pm tschuman:
		Approved for

1 of 2 8/26/2014 8:10 AM

Co-Listed Courses:	Campus Curricula Committee Chair
Course Reviewer Comments	

2 of 2 8/26/2014 8:10 AM

Date Submitted, 00	/30/14 4:21 pm	
Viewing: COM	P ENG 3151 : Digital Engineering Lab II	In Workflow
File: 2329.5		1. RELECENG Chair
Last approved: 06	s/30/14 3:55 am	2. CCC Secretary 3. Engineering DSCC
Last edit: 08/22/1	.4 12:22 pm	Chair
Changes proposed	by: lahne	4. Pending CCC
	In The Prerequisites:	Agenda post
Other Courses	COMP ENG 5120 : Digital Computer Design	5. CCC Meeting
referencing this course		Agenda
Course		6. Campus Curricula Committee Chair
Requested	Spring 2015-Fall 2014	7. FS Meeting
Effective Change		Agenda
Date		8. Faculty Senate
Department	Electrical and Computer Engineering	Chair
Discipline	Computer Engineering (COMP ENG)	9. Registrar
Course Number	3151	10. Ishelton11. Peoplesoft
Title	Digital Engineering Lab II	11. Peoplesoit
Abbreviated	Digital Eng Lab II	Approval Path
Course Title	Digital Liig Lab II	1. 07/05/14 4:10 pm
		kte: Approved for
Catalog	Advanced digital design techniques, Microcontroller based design, hardware and	RELECENG Chair
Description	software codesign.	2. 07/07/14 9:19 am
Prerequisites	Comp Eng 2210, Comp Eng 2211, and Comp Sci 1570 (or programming equivalent)	kleb6b: Approved
	each with grade of "C" or better. Preceded or accompanied by Comp Eng 3150, Elec	for CCC Secretary
	Eng 2200 and Elec Eng 2201. 3150.	3. 07/16/14 10:24 am
Field Trip		sraper: Approved
Statement		for Engineering
Credit Hours	LEC: 0 LAB: 1 IND: 0 RSD: 0 Total: 1	DSCC Chair
Required for	No	4. 07/29/14 8:49 am
Majors		kleb6b: Approved
Elective for	Yes-No	for Pending CCC Agenda post
Majors		5. 08/22/14 12:22
Justification for	File #2329.1 was approved at the May CCC/June FS meetings as a course number	pm
change:	change with an effective of Fall 2014. This form adds in the requested co-requisite	kleb6b: Approved
	changes with an effective term of Spring 2015.	for CCC Meeting
Semesters		Agenda
previously		6. 08/22/14 12:46 pm
offered as an		tschuman:
experimental		Approved for
course		Campus Curricula

1 of 2 8/26/2014 8:10 AM

Co-Listed Courses	Committee Chair
Course Reviewer	History
Comments	1. Jun 30, 2014 by
Key: 232	stanleyj (2329.1)

Date Submitted: 06/25/14 3:25 pm In Workflow Viewing: COMP SCI 3803 3889 : Computer Organization 1. RCOMPSCI Chair File: 666.1 2. CCC Secretary Last edit: 08/22/14 12:22 pm 3. Sciences DSCC Changes proposed by: tauritzd Chair 4. Pending CCC Requested **Spring 2015 Fall 2014** Agenda post **Effective Change** 5. CCC Meeting Date Agenda Department **Computer Science** 6. Campus Curricula Discipline Computer Science (COMP SCI) **Committee Chair** 7. FS Meeting Course Number 3803 3889 Agenda Title Computer Organization 8. Faculty Senate Abbreviated Computer Organization Chair Course Title 9. Registrar 10. Ishelton A detailed study of computer organization concepts and the components of a Catalog 11. Peoplesoft computer system including control unit, microprogrammming, pipelining, memory Description hierarchy, cache design, virtual memory, I/O 140-devices, and a brief introduction to Approval Path parallel processors. 1. 06/30/14 9:04 pm Prerequisites A "C" or better in both Comp Eng 2210 and Comp Sci 1510. Comp Sci 2889. sdas: Approved for RCOMPSCI Field Trip Statement Chair 2. 07/07/14 9:19 am Credit Hours LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3 kleb6b: Approved Required for No for CCC Secretary Majors 3. 07/30/14 7:33 am Elective for Yes tauritzd: Approved for Majors Sciences DSCC Justification for The currently listed prerequisite is not being taught. The proposed prerequisites are Chair change: being taught and cover the necessary background knowledge for this course. 4. 07/30/14 7:45 am kleb6b: Approved Semesters for Pending CCC previously Agenda post offered as an 5. 08/22/14 12:23 experimental pm course kleb6b: Approved Co-Listed for CCC Meeting Courses: Agenda 6. 08/22/14 12:47 Course Reviewer pm Comments tschuman: Approved for

1 of 2 8/26/2014 8:10 AM

Campus Curricula Committee Chair

Changes proposed by: lahne Programs referencing this course Other Courses referencing this course Requested Date Department Discipline Course Number Abbreviated Course Title Catalog A comple	BS: Computer Enginers: BS: Electrical Enginers BS: Electrical Enginers BI: Minor in Electrical I	eering BS ical Engineering	or Project II		 CCC Secretary Engineering DSCC Chair Pending CCC Agenda post CCC Meeting Agenda Campus Curricula Committee Chair FS Meeting Agenda Faculty Senate Chair
Ast edit: 04/29/14 8:37 am Changes proposed by: lahne Programs referencing this course Other Courses referencing this course Requested Date Department Discipline Course Number Abbreviated Course Title Catalog A comple	BS: Computer Engines: Electrical Engine MI: Minor in Electrical Engine rerequisites: G 4097 : Electrical I	eering BS ical Engineering	or Project II		Chair 4. Pending CCC Agenda post 5. CCC Meeting Agenda 6. Campus Curricula Committee Chair 7. FS Meeting Agenda 8. Faculty Senate
Programs referencing this course Other Courses referencing this course In The P ELEC EN ELENG- EL ENG- EL EN	BS: Computer Enginess: Electrical EnginesMI: Minor in Electrical rerequisites: G 4097 : Electrical I	eering BS ical Engineering	or Project II		4. Pending CCC Agenda post 5. CCC Meeting Agenda 6. Campus Curricula Committee Chair 7. FS Meeting Agenda 8. Faculty Senate
Programs referencing this course Other Courses referencing this course Requested Date Department Discipline Course Number Abbreviated Course Title Catalog A comple	3S: Electrical Engine MI: Minor in Electri rerequisites: G 4097 : Electrical I	eering BS ical Engineering	or Project II		Agenda post 5. CCC Meeting Agenda 6. Campus Curricula Committee Chair 7. FS Meeting Agenda 8. Faculty Senate
Programs referencing this course Other Courses referencing this course Requested Date Department Discipline Course Number Abbreviated Course Title EL ENG-	3S: Electrical Engine MI: Minor in Electri rerequisites: G 4097 : Electrical I	eering BS ical Engineering	or Project II		5. CCC Meeting Agenda 6. Campus Curricula Committee Chair 7. FS Meeting Agenda 8. Faculty Senate
referencing this course Other Courses referencing this course Requested Spring 2 Effective Change Date Department Electrical Electrical Course Number 4096 Title Electrical Electrical Electrical Course Title Catalog A complete Course A complete Catalog A complete Course Number A complete Catalog A complete Course Title	MI: Minor in Electrical II O15 I and Computer En	ical Engineering	or Project II		6. Campus Curricula Committee Chair 7. FS Meeting Agenda 8. Faculty Senate
Course Other Courses referencing this course Requested Spring 2 Effective Change Date Department Electrica Course Number 4096 Title Electrica Abbreviated EE Senior Course Title Catalog A comple	rerequisites: 3 4097 : Electrical I 015 I and Computer En		or Project II		7. FS Meeting Agenda 8. Faculty Senate
referencing this course Requested Spring 2 Effective Change Date Department Electrica Course Number 4096 Title Electrica Abbreviated EE Senior Course Title Catalog A comple	G 4097 : Electrical I	Engineering Senio	or Project II		7. FS Meeting Agenda 8. Faculty Senate
referencing this course Requested Spring 2 Effective Change Date Department Electrical Discipline Electrical Course Number 4096 Title Electrical EE Senion Course Title Catalog A complement Course A complement Course Title	015 I and Computer En	Engineering Senio	or Project II		Agenda 8. Faculty Senate
Requested Spring 2 Effective Change Date Department Electrica Discipline Electrica Course Number 4096 Title Electrica Abbreviated EE Senio Course Title Catalog A comple	l and Computer En				8. Faculty Senate
Effective Change Date Department Electrica Discipline Electrica Course Number 4096 Title Electrica Abbreviated EE Senic Course Title Catalog A comple	l and Computer En				
Effective Change Date Department Electrical Discipline Electrical Course Number 4096 Title Electrical Abbreviated EE Senion Course Title Catalog A comple	l and Computer En				
Date Department Electrical Discipline Electrical Course Number 4096 Title Electrical Abbreviated EE Senion Course Title Catalog A comple					9. Registrar
Department Electrical Discipline Electrical Course Number 4096 Title Electrical Abbreviated EE Senion Course Title Catalog A comple					10. Ishelton
Discipline Electrical Course Number 4096 Title Electrical Abbreviated EE Senion Course Title Catalog A comple		gineering			11. Peoplesoft
Course Number 4096 Title Electrica Abbreviated EE Senic Course Title Catalog A compl	0 01				Approval Path
Title Electrica Abbreviated EE Senio Course Title Catalog A compl		,			1. 04/30/14 9:50 an
Abbreviated EE Senic Course Title Catalog A compl	l Engineering Conic	or Draiget I			kte: Approved for
Course Title Catalog A compl	l Engineering Senic	or Project i			RELECENG Chair
Catalog A compl	r Project I				2. 04/30/14 9:52 ar
-					kleb6b: Approved
Description analyze,	ete design cycle. W	orking in small to	eams, students w	ill design, document,	for CCC Secretary 3. 06/13/14 10:10
	implement and tes			_	am
	ing, group dynami	_	_		sraper: Approved
		_		esting and evaluation.	for Engineering
•	•	. •		of the following: Elec	DSCC Chair
Eng 350 3100.), Elec Eng 3540, El	lec Eng 3320, Ele	c Eng 3420, 241, l	Elec Eng 3600, Elec Eng	4. 07/29/14 8:51 ar kleb6b: Approved
					for Pending CCC
Field Trip Statement					Agenda post
	LADE	IMD: 0	DCD. F	Total: 4	5. 08/22/14 12:23
Credit Hours LEC: 0	LAB: .5	IND: 0	RSD: .5	Total: 1	pm
Required for Yes					kleb6b: Approved
Majors					for CCC Meeting Agenda
Elective for No					6. 08/22/14 12:47
Majors					pm
Justification for replace	nactive course in p	rerequisite.			tschuman:
change:					Approved for Campus Curricula

1 of 2 8/26/2014 8:10 AM

Key: 2214

Semesters
previously
offered as an
experimental
course
Co-Listed
Courses:

Course Reviewer
Comments

Committee Chair

Committee Chair

History

1. Apr 28, 2014 by
lahne (2214.1)

Date Submitted: 04/26/14 3:20 pm

Viewing: GEO ENG 1150: Introduction to Physical Geology

File: 1173.1

Last edit: 06/13/14 10:13 am Changes proposed by: gertschl

Freshman Engineering Program

CV ENG-BS: Civil Engineering BS

Catalog Pages referencing this

course

Programs

referencing this

course

GE ENG-BS: Geological Engineering BS GE ENG-MI: Geological Engineering Minor GEOL-MI: Geology Minor

EV ENG-BS: Environmental Engineering BS

MI ENG-BS: Mining Engineering BS PE ENG-BS: Petroleum Engineering BS

Other Courses referencing this

course

In The Catalog Description:

GEOLOGY 1111: Introduction to Physical Geology

In The Prerequisites:

CIV ENG 3116: Construction Materials, Properties And Testing CIV ENG 3715: Fundamentals of Geotechnical Engineering CIV ENG 6760: Inca Civilization Geotechnical Engineering

Practices

GEO ENG 2536: Basic Weather

GEO ENG 3175: Geomorphology And Terrain Analysis GEO ENG 3249: Fundamentals Of Computer Applications In

Geological Engineering

GEO ENG 4276: Environmental Aspects Of Mining

GEO ENG 5331 : Subsurface Hydrology GEO ENG 5443: Subsurface Exploration GEO ENG 5575: Aggregates And Quarrying

GEO ENG 6407: Inca Civilization Geotechnical Engineering

Practices

GEO ENG 6782: Surface Waves (MASW) and Ground

Penetrating Radar (GPR)

GEOLOGY 1120: Evolution Of The Earth

GEOLOGY 2611: Physical Mineralogy And Petrology

GEOLOGY 4411: Hydrogeology

GEOLOGY 4431: Methods Of Karst Hydrogeology

GEOLOGY 4511: Petroleum Geology GEOLOGY 4611: Depositional Systems **GEOLOGY 4841 : Geological Field Studies GEOPHYS 2211: Geophysical Imaging**

MIN ENG 4742: Environmental Aspects Of Mining

In Workflow

- 1. RGEOSENG Chair
- 2. CCC Secretary
- 3. Engineering DSCC

Chair

4. Pending CCC

Agenda post

5. CCC Meeting

Agenda

6. Campus Curricula **Committee Chair**

7. FS Meeting Agenda

8. Faculty Senate Chair

9. Registrar

10. Ishelton

11. Peoplesoft

Approval Path

1. 05/14/14 8:23 am

reflori: Approved for RGEOSENG

Chair

2. 05/14/14 8:35 am

kleb6b: Approved for CCC Secretary

3. 06/13/14 10:13

sraper: Approved for Engineering

DSCC Chair

4. 07/29/14 8:52 am

kleb6b: Approved for Pending CCC

Agenda post

5. 08/22/14 12:23

pm

kleb6b: Approved for CCC Meeting

Agenda

6. 08/22/14 12:48

pm

tschuman:

Approved for

Course Reviewer
Comments

Requested **Spring 2015 Fall 2014** Campus Curricula **Effective Change** Committee Chair Date Department Geosciences and Geological and Petroleum Engineering Discipline Geological Engineering (GEO ENG) Course Number 1150 Introduction to Physical Geology Title Abbreviated Intro Physical Geol Course Title Catalog A study of Earth materials, surface features, internal structures and processes. Description Particular attention is paid to Earth resources, geological hazards, engineering and environmental problems. Prerequisites Entrance requirements. Field Trip Statement LAB: 1 IND: 0 RSD: 0 Total: 3 **Credit Hours** LEC: 2 Required for Yes-No Majors Elective for No Majors Correction: This course is required for Geo Eng majors. Justification for change: Semesters previously offered as an experimental course GEOLOGY 1111 - Introduction to Physical Geology Co-Listed Courses:

Key: 1173

Date Submitted: 04/26/14 2:35 pm In Workflow **Viewing: GEO ENG 2605: Statics and Mechanics of Geologic Materials** 1. RGEOSENG Chair File: 840.1 2. CCC Secretary Last edit: 06/13/14 10:20 am 3. Engineering DSCC Changes proposed by: gertschl Chair 4. Pending CCC Requested **Spring 2015 Fall 2014** Agenda post **Effective Change** 5. CCC Meeting Date Agenda Department Geosciences and Geological and Petroleum 6. Campus Curricula Engineering **Committee Chair** Discipline Geological Engineering (GEO ENG) 7. FS Meeting Agenda Course Number 2605 8. Faculty Senate Title Statics and Mechanics of Geologic Materials Chair Abbreviated Geo Matls Statics & Mech 9. Registrar Course Title 10. Ishelton 11. Peoplesoft Fundamental statics of rigid bodies and mechanics of deformable bodies for entering Catalog Description graduate students, focusing on behavior of rock and soil in engineering situations. Approval Path Not for students intending to register as professional engineers. Designed This 1. 05/14/14 8:24 am course was designed for military officers registered in either the GE DL MS Degree reflori: Approved Program or the GE FLW MS Degree Program. for RGEOSENG Prerequisites Permission of instructor. Chair Field Trip 2. 05/14/14 8:36 am Statement kleb6b: Approved for CCC Secretary **Credit Hours** LEC: 3 IND: 0 RSD: 0 Total: 3 IAB: 0 3. 06/13/14 10:20 Required for No Majors sraper: Approved for Engineering Elective for No **DSCC Chair** Majors 4. 07/29/14 8:54 am Justification for Tidying up the catalog description. kleb6b: Approved change: for Pending CCC Agenda post Semesters 5. 08/22/14 12:24 previously pm offered as an kleb6b: Approved experimental for CCC Meeting course Agenda Co-Listed 6. 08/22/14 12:48 Courses: pm tschuman: Course Reviewer Approved for

1 of 2 8/26/2014 8:11 AM

Comments Campus Curricula

Key: 840 Committee Chair

Date Submitted: 04/26/14 2:39 pm In Workflow **Viewing: GEO ENG 3175: Geomorphology And Terrain Analysis** 1. RGEOSENG Chair File: 392.1 2. CCC Secretary Last edit: 08/22/14 12:24 pm 3. Engineering DSCC Changes proposed by: gertschl Chair 4. Pending CCC **EV ENG-BS: Environmental Engineering BS Programs** Agenda post GE ENG-BS: Geological Engineering BS referencing this 5. CCC Meeting GE ENG-MI: Geological Engineering Minor course **GEOL-MI: Geology Minor** Agenda 6. Campus Curricula GL&GPH-BS: Geology and Geophysics BS **Committee Chair** In The Prerequisites: 7. FS Meeting Other Courses GEO ENG 5146: Applications Of Geographic Information Agenda referencing this **Systems** 8. Faculty Senate course GEO ENG 5172: Soil Science In Engineering Practice Chair GEO ENG 5235: Environmental Geological Engineering 9. Registrar GEO ENG 5237: Geological Aspects Of Hazardous Waste 10. Ishelton Management 11. Peoplesoft GEO ENG 5441: Engineering Geology And Geotechnics GEO ENG 5471: Rock Engineering Approval Path GEO ENG 5575: Aggregates And Quarrying 1. 05/14/14 8:24 am GEO ENG 5642: Military Geology reflori: Approved **Spring 2015 Fall 2014** Requested for RGEOSENG **Effective Change** Chair Date 2. 05/14/14 8:36 am kleb6b: Approved Department Geosciences and Geological and Petroleum for CCC Secretary Engineering 3. 06/13/14 10:21 Discipline Geological Engineering (GEO ENG) Course Number 3175 sraper: Approved for Engineering Title Geomorphology And Terrain Analysis DSCC Chair Abbreviated Geomorphol & Terr Analy 4. 07/29/14 8:54 am Course Title kleb6b: Approved for Pending CCC Catalog Study of geomorphic processes, landform development, development and surficial Agenda post Description surfical materials. Stresses Course content stresses the evaluation of the engineering 5. 08/22/14 12:24 properties of terrain factors for site selection and design of engineered structures. pm **Prerequisites** Geo Eng 1150. kleb6b: Approved for CCC Meeting Field Trip Agenda Statement 6. 08/22/14 12:49 **Credit Hours** LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3 pm Required for Yes-No tschuman: Majors Approved for

1 of 2 8/26/2014 8:11 AM

Elective for Majors	No	Campus Curricula Committee Chair
Justification for change:	Correction: This course is required for Geo Eng majors.	
Semesters previously offered as an experimental course		
Co-Listed Courses:		
Course Reviewer Comments		

Key: 392

Date Submitted: 04/26/14 3:13 pm In Workflow Viewing: GEO ENG 4115: Statistical Geostatistical Methods in Geology 1. RGEOSENG Chair **Engineering** and Engineering Geology 2. CCC Secretary 3. Engineering DSCC File: 567.1 Chair Last edit: 08/22/14 12:25 pm 4. Pending CCC Changes proposed by: gertschl Agenda post AP MATH-BS: Applied Mathematics BS 5. CCC Meeting **Programs** GE ENG-BS: Geological Engineering BS Agenda referencing this **GEOL-MI: Geology Minor** 6. Campus Curricula course GL&GPH-BS: Geology and Geophysics BS **Committee Chair** PE ENG-BS: Petroleum Engineering BS 7. FS Meeting Agenda In The Prerequisites: Other Courses 8. Faculty Senate GEO ENG 5556: Renewable Energy Systems referencing this Chair course 9. Registrar 10. Ishelton **Spring 2015 Fall 2014** Requested 11. Peoplesoft **Effective Change** Date Approval Path Department Geosciences and Geological and Petroleum 1. 05/14/14 8:25 am Engineering reflori: Approved Discipline Geological Engineering (GEO ENG) for RGEOSENG Chair Course Number 4115 2. 05/14/14 8:36 am Title Statistical Geostatistical Methods in Geology Engineering and kleb6b: Approved **Engineering Geology** for CCC Secretary Abbreviated **Geo&Eng Stat Methods** 3. 06/13/14 10:22 Course Title **Geostatistics Methods Eng** Geol sraper: Approved for Engineering Catalog Statistical Study of statistical methods in engineering and geological applications **DSCC Chair** Description including site investigations and environmental data analyses. Introduction to spatial 4. 07/29/14 8:55 am correlation analysis and geostatistical techniques such as kriging for resource kleb6b: Approved evaluation and estimation. for Pending CCC Prerequisites Agenda post 5. 08/22/14 12:26 Field Trip pm Statement kleb6b: Approved LAB: 0 IND: 0 RSD: 0 Total: 3 Credit Hours LEC: 3 for CCC Meeting Agenda Required for Yes-No 6. 08/22/14 12:50 Majors pm Elective for No tschuman: Majors Approved for

Justification for change:	Correction: This course is required for Geo Eng majors.	Campus Curricula Committee Chair
Semesters previously		
offered as an experimental		
course Co-Listed		
Courses:		
Course Reviewer		
Comments		Vov. 557
		Key: 567

Date Submitted: 04/26/14 3:11 pm In Workflow **Viewing: GEO ENG 5315: Advanced Statistical Geostatistical Methods in** 1. RGEOSENG Chair **Geology Engineering and Engineering Geology** 2. CCC Secretary 3. Engineering DSCC File: 1928.1 Chair Last edit: 08/22/14 12:51 pm 4. Pending CCC Changes proposed by: gertschl Agenda post Requested **Spring 2015 Fall 2014** 5. CCC Meeting **Effective Change** Agenda Date 6. Campus Curricula **Committee Chair** Department Geosciences and Geological and Petroleum 7. FS Meeting Engineering Agenda Discipline Geological Engineering (GEO ENG) 8. Faculty Senate Course Number 5315 Chair 9. Registrar Title Advanced Statistical Geostatistical Methods in Geology Engineering and 10. Ishelton **Engineering Geology** 11. Peoplesoft Abbreviated Adv Geo&Eng Statistics-Adv Course Title **Geostatics Methods Eng Geo** Approval Path Application of statistical methods to study geology, with emphasis on reliable Catalog 1. 05/14/14 8:26 am Description interpretation of geologic materials and practices, with emphasis on reliable reflori: Approved interpretation of laboratory and and field data for water, hydrocarbon, petroleum for RGEOSENG and mineral exploration and mineral exploration, research, engineering, Chair environmental engineering, and engineering as well as other aspects of of 2. 05/14/14 8:37 am geological engineering. kleb6b: Approved for CCC Secretary Prerequisites Geo Eng 4115 or Stat 3111 or Stat 3113 or Stat 3115 or Stat 3117. 3. 06/13/14 10:24 Field Trip Statement sraper: Approved **Credit Hours** LEC: 3-0 IND: 0 RSD: 0 Total: 3 LAB: 0 for Engineering **DSCC Chair** Required for No 4. 07/29/14 8:56 am Majors kleb6b: Approved Elective for Yes-No for Pending CCC Majors Agenda post 5. 08/22/14 12:27 Justification for Improve student preparation for the course content. pm change: kleb6b: Approved Semesters for CCC Meeting previously Agenda offered as an 6. 08/22/14 12:51 experimental pm course tschuman: Approved for

1 of 2 8/26/2014 8:11 AM

Co-Listed Courses:	Campus Curricula
Course Reviewer Comments	Committee Chair

ey: 1928

PHILOS 2001.TBD:

Course Inventory Change Request

New Experimental Course Proposal

Date Submitted: 08/27/14 10:11 am

Viewing: PHILOS 2001.TBD:

File: 4111

Last edit: 08/27/14 10:12 am Changes proposed by: kleb6b

Requested

Spring 2015

Effective Change

Date

Department Arts, Languages, & Philosophy

Discipline Philosophy (PHILOS)

Course Number 2001

Topic ID **TBD**

Experimental

Title

Experimental Abbreviated Course Title

Instructors

Jonathan Finch

Experimental Catalog

A critical study of the important philosophies of the period from Augustine to the Renaissance. Although there is no formal prerequisite, it is recommended that

Description

students have taken at least one other philosophy course.

Prerequisites

None.

Field Trip Statement

Credit Hours

LEC: 0

LAB: 0

IND: 3

RSD: 0

Total: 3

Justification for

new course:

This class is part of a five part series of classes in the history of philosophy to be offered in on-line collaboration with UMSL. This series of classes has been approved by both the department chairs of MST and UMSL and the relevant faculty and an RFP funding proposal was submitted and accepted to help develop this collaborative effort. These shared or collaborative classes are offered to reduce the need to offer the classes independently on either campus.

Semester(s)

previously taught

In the summer of 2010 the class was offered as combination class of Ancient and Medieval philosophy for four hours of credit. This larger combination class is now slated to be broken into two separate classes, Ancient Philosophy and Medieval

Philosophy.

Co-Listed

Courses:

In Workflow

1. RPHILOSO Chair

2. CCC Secretary

3. Arts &

Humanities DSCC Chair

4. Pending CCC Agenda post

5. CCC Meeting Agenda

6. Campus Curricula Committee Chair

7. Registrar

8/27/2014 10:14 AM 1 of 2

PHILOS 2001.TBD:

Course Reviewer kleb6b (08/27/14 10:12 am): Title: Medieval Philosophy

Comments

Key: 4111

New Course Proposal

Date Submitted: 06/17/14 9:46 am

Viewing: POL SCI 3210: Constitutional Law: Government Powers and

Civil Liberties

File: 4093

Last edit: 06/17/14 3:11 pm Changes proposed by: Igragg

Requested

Effective Change

Date

Department History and Political Science

Fall 2015

Discipline Political Science (POL SCI)

Course Number 3210

Title Constitutional Law: Government Powers and Civil Liberties

Abbreviated

Course Title

Constitutional Law

Catalog Description This course will examine constitutional powers of American governmental institutions and leading Supreme Court decisions dealing with civil liberties including speech, religion, equal protection and the rights of the accused. The course will include study of current political issues and problems relating to these foundational

civil liberties.

Prerequisites Pol Sci 1200, History 1200, 1300, or 1310.

Field Trip Statement

Credit Hours

LEC: 3

Nο

LAB: 0

IND: 0

RSD: 0

Total: 3

Required for

Majors

Elective for

Yes

Majors

Justification for

To broaden the offerings of in American political systems.

new course: Semesters

Spring 2013 and Spring 2014

previously offered as an experimental course

Co-Listed

Courses:

In Workflow

- 1. RHISTORY Chair
- 2. CCC Secretary
- 3. Arts &

Humanities DSCC

Chair

4. Pending CCC

Agenda post

5. CCC Meeting Agenda

6. Campus Curricula **Committee Chair**

7. FS Meeting Agenda

8. Faculty Senate

Chair

- 9. Registrar
- 10. Ishelton
- 11. Peoplesoft

Approval Path

1. 06/17/14 9:47 am Igragg: Approved for RHISTORY

Chair

2. 06/17/14 3:11 pm kleb6b: Approved for CCC Secretary

3. 06/17/14 5:12 pm

ivliyeva:

Approved for Arts & Humanities **DSCC Chair**

4. 07/29/14 9:00 am kleb6b: Approved

for Pending CCC Agenda post

5. 08/22/14 12:27

pm

kleb6b: Approved for CCC Meeting

Agenda

6. 08/22/14 12:52

pm

tschuman:

8/26/2014 8:12 AM 1 of 2

Course Reviewer
Comments

Approved for
Campus Curricula
Committee Chair

Date Submitted: 05/21/14 2:56 pm In Workflow **Viewing: TCH COM 6450 5450-: Advanced International Technical** 1. RENGLISH Chair Communication 2. CCC Secretary 3. Arts & File: 986.1 **Humanities DSCC** Last edit: 06/13/14 11:16 am Chair Changes proposed by: kswenson 4. Pending CCC TCH COM-MS: Technical Communication MS Agenda post **Programs** 5. CCC Meeting referencing this Agenda course 6. Campus Curricula **Committee Chair** Requested **Spring 2015 Fall 2014** 7. FS Meeting **Effective Change** Agenda Date 8. Faculty Senate Department **English and Technical Communication** Chair Discipline Technical Communication (TCH COM) 9. Registrar 10. Ishelton Course Number 6450-5450 11. Peoplesoft Title Advanced International Technical Communication Abbreviated Adv International Tech Com Approval Path Course Title 1. 05/21/14 3:04 pm kswenson: Catalog Advanced study of international technical communication. Includes topics such as Approved for Description graphics, icons, symbols; user interface design; intercultural communication. RENGLISH Chair Requires field work at student's expense. Students may not earn credit for both TCH 2. 05/23/14 7:47 am COM 4450 and TCH COM 6450. 5450. kleb6b: Approved **Prerequisites** Graduate Standing. for CCC Secretary Field Trip 3. 05/23/14 7:49 am Statement ivliyeva: Approved for Arts **Credit Hours** LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3 & Humanities Required for No **DSCC Chair** Majors 4. 07/29/14 9:02 am kleb6b: Approved Elective for No for Pending CCC Majors Agenda post Justification for This needs to change to 6000-level as one of the 9 required hrs at 6000-level for the 5. 08/22/14 12:17 MS degree. change: pm kleb6b: Approved Semesters for CCC Meeting previously Agenda offered as an 6. 08/22/14 12:24 experimental pm course tschuman:

Co-Listed Courses: Course Reviewer	Approved for Campus Curricula Committee Chair
Comments	Key: 986

New Experimental Course Proposal

Date Submitted: 06/19/14 1:07 pm

Viewing: **BIO SCI 3001.TBD**:

File: 4096

Last edit: 07/30/14 7:35 am
Changes proposed by: mmormile

Requested Spring 2015

Effective Change

Date

Department Biological Sciences

Discipline Biological Sciences (BIO SCI)

Course Number 3001

Topic ID TBD

Title

In Workflow

- 1. RBIOLSCI Chair
- 2. CCC Secretary
- 3. Sciences DSCC Chair
- 4. Pending CCC Agenda post
- CCC Meeting Agenda
- Campus Curricula Committee Chair
- 7. Registrar

Approval Path

- 06/19/14 1:12 pm aronstam: Approved for
 - RBIOLSCI Chair
- 06/19/14 3:50 pm kleb6b: Approved for CCC Secretary
- 3. 07/30/14 7:35 am

tauritzd:

Approved for

Sciences DSCC

Chair

Abbreviated Course Title

BIO SCI 3001.TBD:

Experimental Introduction to Astrobiology

Course Title

Instructors Mormile, Melanie

Catalog

Description

Experimental

Course

Description

An overview of the origins of life on early earth and the possibility of life on extraterrestrial bodies will be examined in this course through lectures and journal articles. The techniques that astrobiologists use to investigate the possibility of life beyond earth will be explored. Assessment will be based on exam performance and participation in class.

Prerequisites

Bio Sci 2213 or Bio Sci 3313

Field Trip

Statement

Credit Hours

LEC: 3.0

LAB: 0

IND: 0

RSD: 0

Total: 3.0

Justification for

new course:

This is an upper level undergraduate course that is interdisciplinary in nature.

Semester(s)

previously taught

Spring 2013

Co-Listed

Courses:

Course Reviewer

2 of 3 7/30/2014 7:43 AM

BIO SCI 3001.TBD:

Comments

Key: 4096

New Experimental Course Proposal

Date Submitted: 06/19/14 1:07 pm

Viewing: BIO SCI 3001.TBD: Introduction to Astrobiology

File: 4096

Last edit: 08/22/14 12:28 pm Changes proposed by: mmormile

Requested

Spring 2015

Effective Change

Date

Department Biological Sciences

Discipline Biological Sciences (BIO SCI)

Course Number 3001

Topic ID TBD

Experimental

Introduction to Astrobiology

Title

Experimental

Intro to Astrobiology

Abbreviated

Course Title

Instructors Mormile, Melanie

Experimental Catalog

Description

An overview of the origins of life on early earth and the possibility of life on extraterrestrial bodies will be examined in this course through lectures and journal articles. The techniques that astrobiologists use to investigate the possibility of life beyond earth will be explored. Assessment will be based on exam performance and

participation in class.

Prerequisites

Bio Sci 2213 or Bio Sci 3313.

Field Trip

Statement

Credit Hours

LEC: 3.0

LAB: 0

IND: 0

RSD: 0

Total: 3.0

Justification for

This is an upper level undergraduate course that is interdisciplinary in nature.

new course:

Semester(s)

Spring 2013

previously taught

Co-Listed Courses:

Course Reviewer

Comments

In Workflow

- 1. RBIOLSCI Chair
- 2. CCC Secretary
- 3. Sciences DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting Agenda
- 6. Campus Curricula
 Committee Chair
- 7. Registrar

Approval Path

- 06/19/14 1:12 pm aronstam:
 - Approved for RBIOLSCI Chair
- 2. 06/19/14 3:50 pm kleb6b: Approved for CCC Secretary
- 3. 07/30/14 7:35 am

tauritzd: Approved for

Sciences DSCC

Chair

 07/30/14 7:43 am kleb6b: Approved for Pending CCC Agenda post

5. 08/22/14 12:28

pm

kleb6b: Approved for CCC Meeting

Agenda

6. 08/22/14 12:46 pm

tschuman:

Approved for Campus Curric

Campus Curricula Committee Chair

Key: 4096

1 of 1 8/26/2014 8:13 AM

New Experimental Course Proposal

Date Submitted: 07/11/14 9:16 am

Viewing: ELEC ENG 5001.TBD: Applied Nonlinear Control

File: 4100

Last edit: 07/11/14 10:29 am Changes proposed by: martins

Requested

Spring 2015

Effective Change

Date

Department **Electrical and Computer Engineering**

Discipline Electrical Engineering (ELEC ENG)

Course Number 5001

TBD

Experimental

Topic ID

Applied Nonlinear Control

Title

Experimental

Abbreviated

Course Title

Instructors Dr. J. Sarangapani

Experimental

Review of State Variable Models, Nonlinear Model and Phenomena, Lyapunov

IND: 0

RSD: 0

Total: 3

Catalog

Stability, Phase Plane Analysis, Feedback Linearization, Sliding Mode and Backstepping Control, and Control Applications.

Description **Prerequisites**

Elec Eng 3320 or graduate student standing.

LAB: 0

to expand our graduate control course offerings

Field Trip

Statement **Credit Hours**

LEC: 3

Justification for

new course:

Semester(s)

previously taught

Co-Listed Courses:

Course Reviewer

Comments

In Workflow

1. RELECENG Chair

2. CCC Secretary

3. Engineering DSCC

Chair

4. Pending CCC

Agenda post 5. CCC Meeting

Agenda

6. Campus Curricula **Committee Chair**

7. Registrar

Approval Path

1. 07/11/14 9:18 am kte: Approved for

RELECENG Chair

2. 07/11/14 10:29

am

kleb6b: Approved for CCC Secretary

3. 07/30/14 6:44 pm

sraper: Approved for Engineering

DSCC Chair

4. 08/01/14 8:11 am kleb6b: Approved

for Pending CCC Agenda post

5. 08/22/14 12:28

pm

kleb6b: Approved for CCC Meeting

Agenda

6. 08/22/14 12:48

pm

tschuman:

Approved for Campus Curricula

Committee Chair

8/26/2014 8:13 AM 1 of 1