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The Faculty Senate of Liberty University

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Samuel C. Smith David Croteau Mary Beth Grayson Don Love

Michael S. Jones Kurt Reesman

David Beck

John Hugo

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Senate Agenda Friday, May 8, 2009 at 10:00 am in DH 1104

Call to Order – S. Smith

Invocation – G. Leverett

Administrative Comments – B. Rist

Presentation of Minutes – M. B. Grayson

Senate Elections Committee – Submission of proposed slate of Faculty Senate committee members

Reports – For Information Only

Undergraduate Curriculum Committee

• KINE 499 Internship in Kinesiology will now require the American College of Sports Medicine's Health Fitness Specialist exam as a prerequisite.

Old Business

SB0409-01 (Second Read) Psychology: New Course Proposals (Effective Fall 2009)

Course Descriptions:

PSYC 406: Addictions and the Recovery Process

3 hours

Prerequisite: PSYC 306 or permission of the instructor.

This course provides to students knowledge of addictions and the recovery process. Students will learn about dual diagnosis, co-morbid issues, adjunctive treatment and support, addiction and special populations (women, adolescents, same-sex attraction, etc.), codependency, relapse prevention, crisis management and counseling and HIV.

PSYC 407: Addictions Groups, Ethics and the Community

3 hours

Prerequisite: PSYC371, PSYC 406 or permission of the instructor.

This course focuses on the issues of group counseling and dynamics, client and community, education and ethics. Students will learn both didactic and psychodynamic group counseling skills. Learning groups will prepare a program of client and community education focused on substance abuse prevention. Students will also learn about ethical issues in substance abuse treatment.

Rationale: These courses, in addition to PSYC 305 and PSYC 306 provide Liberty University comparable addictions offerings with Regent University while giving Liberty a competitive advantage over other Lynchburg Area college Psychology departments. Many entry-level positions in the field of psychology, corrections involve issues of substance abuse. Having coursework in this area will assist students in competing for open positions in those areas. Additionally these

courses partially meet the classroom requirements, of several states, for Licensure/Certification as an addictions counselor. The other course requirements can be met by courses that are already offered by the psychology department.

• SB0409-02 (Second Read) Biology: New Course Proposals (Effective Fall 2009)

Course Descriptions:

BIOL 371: Vertebrate Paleontology

3 hours

A study of vertebrate paleontology, including its methodology and a survey of major vertebrate fossil groups. Intended for advanced biology majors.

BIOL 420: Immunology

4 hours credit, 3 hours lecture, 3 hours lab

Prerequisites: Biology 303 and 415.

A comprehensive view of the basic principles of the Immune System of living organisms, with particular emphasis on humans. It examines the cells and tissues of the immune system, describes the structure and function of immunoglobulins, and examines their interactions with antigens. Lab fee \$50.

Rationale: The Department of Biology and Chemistry has had to increase the offering of many of our required and elective courses to meet the enrollment needs of Biology majors in the past 2-3 years. The Chair has actively sought faculty to develop additional upper level courses to meet these needs. Immunology has grown out of that need for additional upper level Biology electives.

SB0409-03 (Second Read) Inter-Cultural Studies: Changes to Inter-Cultural Studies Major (Effective Fall 2009)

Present Right Side of DCP

Maior:	INTER-CULTURAL	STUDIES	(48 hours)	١
		0.000	(. o o a . o ,	,

BIBL	350	3
BIBL	410	3
BIBL	424	3
BIBL	425	3
THEO	350	3
PHIL	240	3
ICST	200	3
ICST	300	3
ICST	350 or 421 or 431	3
ICST	355 or 420	3
ICST	373 or 441	3
*ICST	499	3
ICST o	or **LING electives	3
ICST o	or **LING electives	3
ICST o	or **LING electives	3
ICST o	or **LING electives	3

^{*} Students can receive up to 9 hrs depending on the length of the internship. Any hours over the 3 required will count towards ICST elective.

ELECTIVES (17 hours)

Minors are included as Elective hours as are CRST 290 and any INFT courses. Some minors may be approved for the certificate program. Recommended minors include Religion, Business, and Foreign Languages, among others.

Proposed Right Side of DCP

Major: INTER-CULTURAL STUDIES (54 hours)

BIBL	350	3	
BIBL	410	3	
BIBL	424	3	
BIBL	425	3	
THEO	350	3	
BIBL	480	3	(#1)
PHIL	240	3	<u>, , , , , , , , , , , , , , , , , , , </u>
ICST	200	3	
ICST	300	3	
ICST	338 or 341	3	(#2)
ICST	350 or 421 or 431	3	• •
ICST	355 or 420	3	
ICST	373	3	(#3)
ICST	<mark>441</mark>	3	(#3)
*ICST	499	3	<u> </u>
**ICST	elective	3	(#4)
**ICST	elective	3	<mark>(#4)</mark>
**ICST	elective	3	(#4)

^{*} Students can receive up to 9 hrs depending on the length of the internship. Any hours over the 3 required will count towards ICST electives.

ELECTIVES (11 hours)

Minors are included as Elective hours as are CRST 290 and any INFT courses. Some minors may be approved for the certificate program. Recommended minors include Religion, Business, and Foreign Languages, among others.

^{**} Students need to take LING 213, LING 403, LING 419, LING 420 and ENGL 333 to receive their TESL certification

^{**} Departmental approval will be granted for non-ICST classes that are related to and useful in missions service. PLED 450 is an approved substitute for an ICST elective and is strongly recommended for male students. (#4)

- 1. The addition of BIBL 480 Hermeneutics is being proposed. This class is essential for anyone preparing for ministry service as it lays the foundation for Bible interpretation. Many missions students will be involved in Bible translation on the field and a proper understanding of Bible interpretation is absolutely necessary. Even those students who do not specifically do translation work as missionaries will need a thorough understanding of how they should interpret the Bible as this will be a large part of their ministry. With this addition of a required course, we are removing one of the ICST/LING elective options.
- 2. ICST 338 Contemporary Missions Problems and Issues is also being added. This class is an essential one to include in this program, without which students are not as well prepared for missions work. This class should have been included in the major change that was proposed and approved last spring as it was a part of the old major. However, there was an oversight by the department and it was not included. It is still a required class on the Religion: ICST major.
- 3. ICST 441 Career Missionary Preparation is being required instead of being an option with ICST 373 Missionary Relationships. Both of these classes are important for students preparing to go to the mission field so both are being required instead of giving students the option of choosing which one to take.
- 4. Many other courses are offered by other departments in the university that would be beneficial for missions students. For example, PLED 450 is being eliminated from the required classes in the specialization. However, it would benefit students going to the mission field and is a recommended course that is approved to take the place of an ICST elective.

• SB0409-04 (Second Read) Inter-Cultural Studies: Changes to Religion: Inter-Cultural Studies Major (Effective Fall 2009)

Present Right Side of DCP

Major: RELIGION: INTER-CULTURAL STUDIES (48-54 hours)

Core (2	4 hours)	
BIBL	350	3
BIBL	425	3
BIBL		3
CHHI	301 or 302	3
ICST	200	3
THEO	250	3
CHMN	201	3
YOUT	201	3

Specia	lization:	Inter-Cultural Studies (24-30 hours)
ICST	300	3
ICST	338	3
ICST	341	3
ICST	355	3
ICST	420	3
ICST	441	3
ICST	499	3-9
PLED	450 or	-ICST 483 3

[~]Women Only

ELECTIVES (11 hours)

Minors are included as Elective hours as are CRST 290 and any INFT courses. Some minors may be approved for the certificate program. Recommended minors include Religion, Business, and Foreign Languages, among others.

Proposed Right Side of DCP

Major: RELIGION: INTER-CULTURAL STUDIES (54 hours)

Core (2	4 hours)		
BIBL	350	3	
BIBL	425	3	
BIBL	480	3	(#5)
CHHI	301 or 302	3	
ICST	200	3	
THEO	350	3	
CHMN	201	3	
YOUT	201	3	

Specialization: Inter-Cultural Studies (30 ho	<u>urs)</u>
ICST 300 3	
ICST 338 or 341 3	
ICST 350/421/431 3	
ICST 355/420 3	
ICST 373 3	
ICST 441 3	
* <mark>ICST 499</mark> 3 <mark>(#2</mark>	, #6)
** <mark>ICST elective</mark> 3 (#3	, #6)
**ICST elective 3 (#3	, #6)
** <mark>ICST elective</mark> 3 (<mark>#3</mark>	, #6)

^{*} Students can receive up to 9 hrs depending on the length of the internship. Any hours over the 3 required will count towards ICST electives.

ELECTIVES (11-17 hours)

Minors are included as Elective hours as are CRST 290 and any INFT courses.

- 1. The current program is so rigid that students are limited to very few classes. The program is currently offering many other classes that would be beneficial to students. However, since there is no room on the major for students to take them, the classes continue to have little or no enrollment, which has lead to several cancelled classes.
- 2. With the setup of the current program, students must know that they want to do the year-long internship program by their freshman year. If they don't take the exact classes in the right sequence, then they are stuck by their junior or senior year.

^{**} Departmental approval will be granted for non-ICST classes that are related to and useful in missions service. PLED 450 is an approved substitute for an ICST elective and is strongly recommended for male students. (#6)

- This has lead to far too many students needing to take independent studies classes (i.e. Don Alban has had 7 students doing Independent Studies classes in one semester).
- 3. Students will have greater flexibility to specialize in an area of missions that better prepares them for the future. As an example: if a student were interested in going into tribal missions then a possible scenario for them would be to take 6 hours of internship with New Tribes Mission in a tribal setting, take 3 hours of the jungle camp seminar (intensive), take 3 hours of Chronological Bible teaching, and take 3 hours of Animism. With the open electives, the student has now taken specialized training for the type of missions work they want to do in the future.
- 4. We are currently in the process of obtaining approval to make minor changes to the ICST degree and the proposed Religion: ICST degree would look almost identical to the new ICST degree. We believe that having this uniformity in our programs would be beneficial to students. Offering a separate Religion: ICST degree and a straight ICST degree allows for those preparing for future missionary training to choose the kind of degree they would want. Depending on the part of the world they want to work in, one degree would be more appropriate than the other, due to access issues.
- 5. The addition of BIBL 480 Hermeneutics is also being proposed in place of the BIBL elective in the core courses. This class is essential for anyone preparing for ministry service as it lays the foundation for Bible interpretation. Many missions students will be involved in Bible translation on the field and a proper understanding of Bible interpretation is absolutely necessary. Even those students who do not specifically do translation work as missionaries will need a thorough understanding of how they should interpret the Bible as this will be a large part of their ministry. As they stand on this proposal, the required core courses will provide the most profitable foundation of biblical study possible for missions students. This course will take the place of a BIBL elective on the former DCP.
- 6. Many other courses are offered by other departments in the university that would be beneficial for missions students. For example, PLED 450 is being eliminated from the required classes in the specialization. However, it would benefit students going to the mission field and is a recommended course that is approved to take the place of an ICST elective.
- SB0409-05 (Second Read) School of Engineering and Computational Sciences: Changes to Software Engineering Major (Effective Fall 2009)

Present: Currently, CMIS 460 is required for the major, and 2 out of CSCI 325, 342, 355, or 443 are required

Proposed: It was determined that CMIS 460 (Project Management) is not necessary for the Software Engineering major, and thus will be removed from the major. In addition, it was determined that it was more important that the students in the major be required to take 3 out of the 4 CSCI electives. Thus, in the new requirements, CMIS 460 will not be required, and the students will be required to take 3 out of CSCI 325, 342, 355, or 443.

• SB0409-06 (Second Read) Theatre Arts: Production Specialization Changes and Deletion of Drama Ministry Specialization (Effective Fall 2009)

Present

THEA 200 - Play Production

THEA 211 - Foundations of Theatre History I

THEA 212 - Foundations of Theatre History II

THEA 220 - Basic Acting I

THEA 250 - Voice for the Stage

THEA 300 - Play Production II

THEA 310 - Basic Acting II

THEA 312 - Script Analysis

THEA 320 - Directing

THEA 350 - Writing for the Stage

THEA 360 - Costume and Makeup Design

THEA 380 - Lighting and Scene Design

THEA 400 - Play Production III

THEA 411 - Stage/Theatre Management

THEA 490 - Senior Project

10 hours of free electives (THEA 497 suggested)

Proposed

THEA 200 - Play Production

THEA 211 - Foundations of Theatre History I

THEA 212 - Foundations of Theatre History II

THEA 220 - Basic Acting I

THEA 250 - Voice for the Stage

THEA 300 - Play Production II

THEA 310 - Basic Acting II

THEA 312 - Script Analysis

THEA 320 - Directing

THEA 350 - Writing for the Stage/THEA 352 - Writing for

Church Drama

THEA 360 - Costume and Makeup Design

THEA 380 - Lighting and Scene Design

THEA 400 - Play Production III

THEA 410 - Drama for the Church

THEA 411 - Stage/Theatre Management

THEA 490 - Senior Project

THEA 497 – Special Topics in Theatre Arts

4 hours of free electives

Rationale

The requirements for the Drama Ministry specialization will be added to the Production specialization. The Drama Ministry specialization will be deleted.

These 2 specializations are virtually the same except for 2 classes. When students graduate and enter professional jobs in either secular theater or in church drama ministry, they are expected to be familiar with all aspects of production. Combining the specializations into one will give the students more breadth in their field of study. Since no courses have been deleted, there will be no effect on the ability of students who have already declared a Drama Ministry specialization to complete their course of study.

• SB0409-07 (Second Read) Theatre Arts: Musical Theatre Specialization Changes and Deletion of Acting Specialization (Effective Fall 2009)

Present **Proposed** THEA 200 - Play Production THEA 200 - Play Production THEA 211 - Foundations of Theatre History I THEA 211 - Foundations of Theatre History I THEA 212 - Foundations of Theatre History II THEA 212 - Foundations of Theatre History II THEA 220 - Basic Acting I THEA 220 - Basic Acting I THEA 250 - Voice for the Stage THEA 250 - Voice for the Stage THEA 300 - Play Production II THEA 300 - Play Production II THEA 310 - Basic Acting II THEA 310 - Basic Acting II THEA 312 - Script Analysis THEA 312 - Script Analysis THEA 400 - Play Production III THEA 390 - Stage Accents THEA 420 - Advanced Acting THEA 400 - Play Production III THEA 440 - Stage Movement THEA 420 - Advanced Acting THEA 440 - Stage Movement THEA 450 - Musical Theatre THEA 460 Advanced Musical Theatre THEA 450 - Musical Theatre THEA 490 - Senior Project THEA 422 - Classical Acting/THEA 460 Advanced Musical MUSC 121/WRSP 120 - Freshman Voice Theatre MUSC 221/WRSP 220 - Sophomore Voice THEA 490 - Senior Project 10 hours of free electives (THEA 497 suggested) THEA 497 - Special Topics in Theatre Arts MUSC 121/WRSP 120 - Freshman Voice MUSC 221/WRSP 220 - Sophomore Voice

Rationale

The requirements of the Acting Specialization will be added to the existing Musical Theater Specialization, which will then be renamed Theater Arts: Performance. The Acting Specialization will be deleted.

4 hours of free electives

When students graduate and enter professional jobs, they are expected to be versatile on stage in both musical and non-musical roles. Combining the specializations into one will give the students more breadth in their field of study. Since no courses have been deleted, there will be no effect on the ability of students who have already declared an Acting specialization to complete their course of study.

• SB0409-08 (Second Read) Music & Humanities: New Guitar Major and Minor (Effective Fall 2009)

Rationale

This proposal will enable guitar students to study in either choral or instrumental specializations as is currently possible for keyboard students. This program represents an augmentation of a program already offered, the Bachelor of Music, Instrumental Specialization. This proposal seeks not so much to establish a new major as much as to modify a current program to accommodate the particular needs of guitar students. ... The proposed major will allow guitar students to have ensemble experiences in their principal instrument through Guitar Ensemble courses. The Guitar Ensemble will enhance current ensemble requirements in choir and large instrumental ensembles. The proposed major will also allow guitar students to take a course on Guitar Pedagogy to learn how to effectively teach their instrument. Guitar Ensemble and Guitar Pedagogy are both currently being offered as pilots. For students pursuing a performance minor using guitar as their principal instrument, the new minor program will better meet their specific needs by including the Guitar Ensemble and Guitar Pedagogy classes in the minor program.

Proposed Classes

MUSC 179 Guitar Ensemble I

1 hour

Prerequisite: Audition and consent of instructor

Course Description: This ensemble of guitars performs repertoire composed or arranged for guitar. Activities include a formal concert and may also include other performances both on and off campus.

MUSC 479 Guitar Ensemble II

1 hour

Prerequisite: Two semesters of MUSC 179.

Course Description: Continuation of MUSC 179. This ensemble of guitars performs repertoire composed or arranged for guitar. Activities include a formal concert and may also include other performances both on and off campus. Students are expected to exhibit higher levels of performance and leadership.

MUSC 477 Guitar Pedagogy

3 hours

Prerequisite: Consent of instructor

Course Description: This course focuses on analysis of the elements of guitar technique and on developing skills in teaching pupils how to play the classical guitar.

Students observe, evaluate, and implement techniques used in guitar classes and private lessons, and survey proven approaches to help pupils learn, interpret, memorize, and perform music from the classical guitar repertoire.

Proposed Requirements for All Guitar Major Specializations and Concentrations:

Foundational Studies: 16 hrs		GOVT 200, PSYC 101 or 210, SOCI 200 or 201	3
ENGL 101	3	SOC SCI/HIST Elective	3
ENGL 102	3	HUMN 101, THEA 101, VCAR 105, MUSC 103,	
COMS 101	3	or LANG Elective I	3
MATH 115 or higher	3	GEN ED Elective or LANG Elective II or II	3
GNED 101	1	PHIL 201	3
GNED 102	1	THEO 201	3
EVAN 101	2	THEO 202	3
		BIBL 105 or 205	3
Investigative Studies: 39 hrs		BIBL 110 or 210	3
ENGL 201, 202, 215, 216, 221, or 222	3		
NAT SCI/MATH/CMIS 201	3	Other Requirements: 3 hrs (may be counted as elec-	ctives)
NAT SCI	3	FRSM 101	1
HISTORY ELECTIVE	3	CRST 290	2

Proposed Righ	it Side of DCP	for B.M., Guita	r Major: Chora	l Specialization

- 1 of 0 = 10 = 10 = 1		.,			
Core: 27 hrs		MUSC 221	1	MUSC 479	1
MUSC 105	3			MUSC 479	1
MUSC 106	3				
MUSC 107	1			All full-time students in	music programs
MUSC 108	1	Normal BM Guitar PI Packa	age: 10 hrs	must register for a maj	or ensemble.
MUSC 205	3	MUSC 151	1		
MUSC 206	3	MUSC 151	1	Free Electives: 16 hrs	(9 hrs upper level)
MUSC 207	1	MUSC 251	1		
MUSC 208	1	MUSC 251	1		
MUSC311	3	MUSC 351	1	Other Requirements	
MUSC 312	3	MUSC 351	1	PIANO PROFICIENCY	<i>(</i>
MUSC 316	2	MUSC 451	1	RECITAL ATTENDAN	CE
MUSC 317	2	MUSC 477	3	34 UPPER LEVEL HO	URS
MUSC 498	1			MINIMUM GPA 2.0	
		Guitar/Choral Specializatio	n Ensemble	TECHNOLOGY COMP	PETENCY
Choral Specialization	on Package: 9 hrs	Package: 7 hrs		CSER	
MUSC 318	2	MUSC 180, 181, or 182	1		
MUSC 393	3	MUSC 180, 181, or 182	1	TOTAL HOURS MININ	ИUМ: 124
MUSC 121	1	MUSC 179	1		
MUSC 121	1	MUSC 179	1		
MUSC 221	1	MUSC 479	1		

Proposed Right Side of DCP for B.M., Guitar Major: Choral Specialization, Performance Elective Concentration

Core: 27 hrs		Guitar Performance PI Pag	kage: 17 hrs	All full-time students in music programs
MUSC 105	3	MUSC 151	1	must register for a major ensemble.
MUSC 106	3	MUSC 151	2	
MUSC 107	1	MUSC 251	2	Free Electives: 16 hrs (9 hrs upper level
MUSC 108	1	MUSC 251	2	MUSC)
MUSC 205	3	MUSC 351	2	
MUSC 206	3	MUSC 351	1	Other Requirements
MUSC 207	1	MUSC 451	2	PIANO PROFICIENCY
MUSC 208	1	MUSC 451	1	RECITAL ATTENDANCE
MUSC311	3	MUSC 398	1	34 UPPER LEVEL HOURS
MUSC 312	3	MUSC 477	3	MINIMUM GPA 2.0
MUSC 316	2			TECHNOLOGY COMPETENCY
MUSC 317	2	Guitar/Choral Specializatio	n Ensemble	CSER
MUSC 498	1	Package: 7 hrs		
		MUSC 180, 181, or 182	1	TOTAL HOURS MINIMUM: 124
Choral Specializati	ion Package: 9 hrs	MUSC 180, 181, or 182	1	
MUSC 318	2	MUSC 179	1	
MUSC 393	3	MUSC 179	1	
MUSC 121	1	MUSC 479	1	
MUSC 121	1	MUSC 479	1	
MUSC 221	1	MUSC 479	1	
MUSC 221	1			

Proposed Right Side of DCP for B.M., Guitar Major: Choral Specialization, Teacher Licensure Elective Concentration

Core: 27 hrs		Normal BM Guitar PI Packa	age: 10 hrs	Choral TL Package: 29	<u>hrs</u>
MUSC 105	3	MUSC 151	1	EDUC 125	1
MUSC 106	3	MUSC 151	1	EDUC 126	1
MUSC 107	1	MUSC 251	1	EDUC 221	2
MUSC 108	1	MUSC 251	1	EDUC 235	2
MUSC 205	3	MUSC 351	1	EDUC 236	1
MUSC 206	3	MUSC 351	1	EDUC 360	2
MUSC 207	1	MUSC 451	1	MUSC 380	2
MUSC 208	1	MUSC 477	3	MUSC 437	2
MUSC311	3			MUSC 438	1
MUSC 312	3	Guitar/Choral Specializatio	n Ensemble	MUSC 490	2
MUSC 316	2	Package: 7 hrs	<u> </u>	MUSC 491	1
MUSC 317	2	MUSC 180, 181, or 182	1	EDUC 475	2
MUSC 498	1	MUSC 180, 181, or 182	1	EDUC 476	5
		MUSC 179	1	EDUC 477	5
Choral Specialization	on Package: 9 hrs	MUSC 179	1		
MUSC 318	2	MUSC 479	1	Other Requirements	
MUSC 393	3	MUSC 479	1	PIANO PROFICIENCY	
MUSC 121	1	MUSC 479	1	RECITAL ATTENDANC	E
MUSC 121	1			34 UPPER LEVEL HOU	JRS
MUSC 221	1	All full-time students in mus	sic programs	MINIMUM GPA 2.0	
MUSC 221	1	must register for a major er	nsemble.	TECHNOLOGY COMP CSER	ETENCY

TOTAL HOURS MINIMUM: 124

Proposed Right Side of DCP for B.M., Guitar Major: Instrumental Specialization

Core: 27 hrs	Core: 27 hrs Normal BM Guitar PI Package: 10 hrs		Package: 10 hrs	Free Electives: 13 hrs (4 hrs upper level)
MUSC 105	3	MUSC 151	1	
MUSC 106	3	MUSC 151	1	Other Requirements
MUSC 107	1	MUSC 251	1	PIANO PROFICIENCY
MUSC 108	1	MUSC 251	1	RECITAL ATTENDANCE
MUSC 205	3	MUSC 351	1	34 UPPER LEVEL HOURS
MUSC 206	3	MUSC 351	1	MINIMUM GPA 2.0
MUSC 207	1	MUSC 451	1	TECHNOLOGY COMPETENCY
MUSC 208	1	MUSC 477	3	CSER
MUSC311	3			
MUSC 312	3	Guitar/Instrumental S	pecialization	TOTAL HOURS MINIMUM: 125
MUSC 316	2	Ensemble Package: 7	hrs	
MUSC 317	2	MUSC 183, 184, 185,	or 194 1	
MUSC 498	1	MUSC 183, 184, 185,	or 194 1	
		MUSC 179	1	
Instrumental Specialization Package:		MUSC 179	1	
<u>10 hrs</u>		MUSC 479	1	
MUSC 309	2	MUSC 479	1	
MUSC 355	2	MUSC 479	1	
MUSC 357	2			
MUSC 363	2	All full-time students in	n music programs	
MUSC 374	2	must register for a ma	ijor ensemble.	

Proposed Right Side of DCP for B.M., Guitar Major: Instrumental Specialization, Performance Elective Concentration

Core: 27 hrs		Guitar Performance F	PI Package: 17 hrs	Free Electives: 9 hrs (6-9 hrs upper level
MUSC 105	3	MUSC 151	1	MUSC)
MUSC 106	3	MUSC 151	2	
MUSC 107	1	MUSC 251	2	Other Requirements
MUSC 108	1	MUSC 251	2	PIANO PROFICIENCY
MUSC 205	3	MUSC 351	2	RECITAL ATTENDANCE
MUSC 206	3	MUSC 351	1	34 UPPER LEVEL HOURS
MUSC 207	1	MUSC 451	2	MINIMUM GPA 2.0
MUSC 208	1	MUSC 451	1	TECHNOLOGY COMPETENCY
MUSC311	3	MUSC 398	1	CSER
MUSC 312	3	MUSC 477	3	
MUSC 316	2			TOTAL HOURS MINIMUM: 124
MUSC 317	2	Guitar/Instrumental S	pecialization	
MUSC 498	1	Ensemble Package:	<u>7 hrs</u>	
		MUSC 183, 184, 185	, or 194 1	
Instrumental Specialization Package:		MUSC 183, 184, 185	, or 194 1	
<u>10 hrs</u>		MUSC 179	1	
MUSC 309	2	MUSC 179	1	
MUSC 355	2	MUSC 479	1	
MUSC 357	2	MUSC 479	1	
MUSC 363	2	MUSC 479	1	
MUSC 374	2			
		All full-time students	in music programs	
		must register for a ma	ajor ensemble.	

Proposed Right Side of DCP for B.M., Guitar Major: Instrumental Specialization, Teacher Licensure Elective Concentration

Core: 27 hrs		Normal BM Guitar PI Package: 10 hrs		Instrumental TL Package: 29 hrs		
MUSC 105	3	MUSC 151	1	EDUC 125	1	
MUSC 106	3	MUSC 151	1	EDUC 126	1	
MUSC 107	1	MUSC 251	1	EDUC 221	2	
MUSC 108	1	MUSC 251	1	EDUC 235	2	
MUSC 205	3	MUSC 351	1	EDUC 236	1	
MUSC 206	3	MUSC 351	1	EDUC 360	2	
MUSC 207	1	MUSC 451	1	MUSC 390	2	
MUSC 208	1	MUSC 477	3	MUSC 437	2	
MUSC311	3			MUSC 438	1	
MUSC 312	3	Guitar/Instrumental Specialization		MUSC 490	2	
MUSC 316	2	Ensemble Package: 7 hrs		MUSC 491	1	
MUSC 317	2	MUSC 183, 184, 185	, or 194 1	EDUC 475	2	
MUSC 498	1	MUSC 183, 184, 185	, or 194 1	EDUC 476	5	
		MUSC 179	1	EDUC 477	5	
Instrumental Specialization Package:		MUSC 179	1			
<u>10 hrs</u>		MUSC 479	1	Other Requirements		
MUSC 309	2	MUSC 479	1	PIANO PROFICIENCY		
MUSC 355	2	MUSC 479	1	RECITAL ATTENDANCE		
MUSC 357	2			34 UPPER LEVEL H	IOURS	
MUSC 363	2	All full-time students in music programs MINIMUM GPA 2.0				
MUSC 374	2	must register for a major ensemble. TECHNOLOGY COMPETE CSER			MPETENCY	

TOTAL HOURS MINIMUM: 124

Proposed Minor in Music Performance: Guitar (19 hrs)

MUSC 105	3
MUSC 106	3
MUSC 107	1
MUSC 108	1
MUSC 151	2
MUSC 251	2
MUSC 351	2
Ensemble (may be MUSC 179	
or 479 or another MUHU ensemble)	2
Upper division MUSC course chosen from	
the following: 477, 304, 375, or 393	3

• SB0409-09 (Second Read) School of Aeronautics: New Associate of Arts in Aviation Maintenance Technician (Effective January 2010)

Rationale

The LU Aviation Maintenance Technician (AMT) program will provide all necessary training to enable Liberty students to obtain an FAA Mechanic's License, with ratings in Airframe and Powerplant. This FAA License permits a mechanic to perform maintenance or repairs on aircraft of all sizes, and is a requirement of most mission boards for pilot/mechanics desiring to serve in career missions. We are developing this program to fulfill a requirement for pilots called to the mission field. This program will be unique among maintenance training schools in that it will allow students to complete their core technical courses in only twelve months. Another distinction of the program will be its ability to combine quality technical courses with the excellent reputation of Liberty's general education courses, allowing students to complete an Associate of Arts Degree.

Proposed New Classes

AVMT 100: Aircraft Sciences I

3 Hours

Co-requisites: AVMT 102, AVMT 104, AVMT 106. Must be taken as a cohort.

This course will provide the student with a review of the fundamental operations in arithmetic as they are applied routinely in aircraft maintenance, including fractions, decimals, ratio, geometry, basic trigonometric functions, formulae, and proportions. Basic concepts of aviation applied physics will be presented, including: aerodynamic laws, theory of flight, fluid, heat, power, work, simple machines, and sound. The student will also learn aircraft weight and balance procedures, center of gravity computations, and how to identify and rectify adverse loading conditions.

AVMT 102: Aircraft Sciences II

3 Hours

Co-requisites: AVMT 100, AVMT 104, AVMT 106. Must be taken as a cohort.

This course is designed to introduce the student to direct and alternating current electricity, electrical circuit design, measuring devices, transformers, magnetism, electromagnetism, electronic devices and applications; with emphasis on basic laws relating to voltage, current, resistance, inductance, and capacitance. The student will also learn how to read and interpret electrical diagrams and to inspect and service aircraft batteries. This course will also give the student an understanding of aircraft drawings, symbols, and schematic diagrams commonly used in aircraft maintenance and illustrated parts manuals; the knowledge an ability to create drawings and sketches of repairs or alterations, and the ability to interpret blueprints, graphs, and charts.

AVMT 104: Maintenance Practices I

3 Hours

Co-requisites: AVMT 100, AVMT 102, AVMT 106. Must be taken as a cohort.

This course is designed to develop the student's skills in the proper use of basic aircraft mechanic's hand tools and measuring devices, aircraft hardware, safety methods, and materials used in aircraft maintenance and repair. Various methods of nondestructive testing will be learned and applied to practical situations, including liquid penetrant, magnetic particle, eddy current, ultrasound and radiography. The student will understand the privileges, limitations, and regulations provided by the FAA Code of Federal Regulations pertinent to aircraft maintenance technicians. Emphasis will be placed on the selection and use of FAA and manufacturers' aircraft maintenance specifications, data sheets, manuals, and publications; as well as proper logbook and maintenance entries and record keeping.

AVMT 106: Maintenance Practices II

3 Hours

Co-requisites: AVMT 100, AVMT 102, AVMT 104. Must be taken as a cohort.

This course will instruct the student in aircraft cleaning; corrosion identification, treatment, removal, and control practices. The student will learn how to fabricate and install flexible and rigid fluid lines and fittings. The student will also understand proper procedures for safely securing, moving, fueling, starting, servicing, and taxiing aircraft.

AVMT 200: Airframe Auxiliary Systems

3 Hours

Co-requisites: AVMT 202, AVMT 204, AVMT 206, AVMT 208, AVMT 210. Must be taken as a cohort.

This course will provide the student an understanding of operating principles and basic maintenance techniques for airframe auxiliary systems and their components, including: cabin atmosphere control, communication and navigation, instruments, static and pitot, fire detection and extinguishing, smoke and carbon monoxide detection, ice and rain control, speed and configuration, anti-skid brakes, as well as position and warning. The student will also learn the operations and maintenance of aircraft fuel systems and components, including fluid quantity indicating systems, fluid pressure and temperature warning systems, fuel dump systems, transfer and defueling, and pressure fueling systems.

AVMT 202: Aircraft Electrical Systems

3 Hours

Co-requisites: AVMT 200, AVMT 204, AVMT 206, AVMT 208, AVMT 210. Must be taken as a cohort.

This course is designed to provide the student with an advanced study of AC and DC electrical systems, electrical power generation and control; to include alternators, generators, motors, relays, switches, wiring installations, load analyses, and aircraft batteries. The student will gain principle knowledge and skills to inspect, check, service, and troubleshoot airframe electrical components.

AVMT 204: Airframe Structures I

3 Hours

Co-requisites: AVMT 200, AVMT 202, AVMT 206, AVMT 208, AVMT 210. Must be taken as a cohort. This course will instruct the student in the basic construction and properties of materials typically used in aircraft applications, with emphasis on aluminum sheet metal applications and their manufacture, repair, and inspection. Student projects will focus on sheet metal lay-out, cutting, forming, bending and riveting, using solid and blind rivets, as well as identifying and using specialty fasteners.

AVMT 206: Airframe Structures II

3 Hours

Co-requisites: AVMT 200, AVMT 202, AVMT 204, AVMT 208, AVMT 210. Must be taken as a cohort.

In this course the student will learn the design, application, fabrication, repair, finishing, and safety practices relating to composite, laminated, honeycomb, bonded, plastic, wood and fabric materials found in structural applications on aircraft, including windows, doors, and interior panels and furnishings. The student will also gain understanding and skills in various welding methods, procedures, and techniques as applied to aircraft manufacturing and repair. Oxygen/acetylene, shielded metal arc, gas metal arc welding, soldering and brazing processes will be studied.

AVMT 208: Airframe Assembly & Inspection

3 Hours

Co-requisites: AVMT 200, AVMT 202, AVMT 204, AVMT 206, AVMT 210. Must be taken as a cohort.

This course will instruct the student in aircraft covering materials, construction, inspection, and repairs using natural and synthetic fabrics. The student will understand the identification, inspection, and application of finishing materials to both fabric and metal surfaces, including touch-up, trim, and lettering. The student will learn the fundamentals of airframe assembly, rigging, aerodynamics, and controls. This course will also introduce the student to conformity and airworthiness inspection requirements and procedures as they relate to the airframe, including knowledge and abilities needed to perform inspections and properly complete associated forms and paperwork.

AVMT 210: Airframe Hydraulic, Pneumatic, & Landing Gear Systems

3 Hours

Co-requisites: AVMT 200, AVMT 202, AVMT 204, AVMT 206, AVMT 208. Must be taken as a cohort.

This course is designed to introduce the student to basic fluid mechanics as it applies to practical applications in airframe systems. Construction and operation of hydraulic and pneumatic systems and components will be discussed, as well as identification and selection of hydraulic fluids and their related components. The student will learn landing gear designs, construction, and operations; as well as the inspection, servicing, and repair or replacement of various types of fixed and retractable landing gear systems, shock struts, brakes, wheels, tires, and steering systems.

AVMT 212: Reciprocating Engines

3 Hours

Co-requisites: AVMT 214, AVMT 216, AVMT 218, AVMT 220. Must be taken as a cohort.

This course will instruct the student in the principles of operation, construction, and design of reciprocating aircraft engines and components. The student will gain procedural knowledge and technical skills in reciprocating engine removal, disassembly, inspection, servicing, overhaul, reassembly, installation, and troubleshooting.

AVMT 214: Engine Electrical Systems

3 Hours

Co-requisites: AVMT 212, AVMT 216, AVMT 218, AVMT 220. Must be taken as a cohort.

This course will present the principles of operation and servicing procedures of electrical systems and electrical components found on reciprocating and turbine engine powered aircraft. Students will study and understand the operation, inspection, and servicing of ignition and starting systems, generation and control systems, auxiliary power units, and wiring installations.

AVMT 216: Engine Auxiliary Systems I

3 Hours

Co-requisites: AVMT 212, AVMT 214, AVMT 218, AVMT 220. Must be taken as a cohort.

In this course the student will learn the construction, operation, inspection, troubleshooting, servicing, repair and overhaul of reciprocating engine carburetion, injection, and fuel metering systems, as well as turbine engine fuel control systems. The student will also study fuel warning, pressure and rate of flow instruments, as well as reciprocating and turbine engine lubricants and lubrication systems.

AVMT 218: Engine Auxiliary Systems II

3 Hours

Co-requisites: AVMT 212, AVMT 214, AVMT 216, AVMT 220. Must be taken as a cohort.

In this course the student will study engine instrument systems, fire detection and extinguishing systems, induction systems, cooling systems, exhaust and thrust-reverser systems, with a focus on theory of operation, servicing, inspection, repair, and troubleshooting. The student will also learn the theory of operation and basic construction of fixed-pitch, constant-speed, and feathering propellers. The student will also be introduced to propeller synchronization systems, ice-control systems, and propeller governing systems. The student will gain knowledge & skills to inspect, check, service, remove, repair, and install propellers.

AVMT 220: Turbine Engines

3 Hours

Co-requisites: AVMT 212, AVMT 214, AVMT 216, AVMT 218. Must be taken as a cohort.

This course provides the student with an understanding of gas turbine engine cycles, high speed gas flow, and the design and construction of turbojet, turboprop, and turbofan engines. The student will receive an introduction to unducted fans and turbine-driven auxiliary power units. The student will learn the fundamentals of turbine engine operation, removal and replacement, maintenance, servicing, troubleshooting, and inspection.

Associate of Arts in Aviation Maintenance Technician - Degree Completion Plan (DCP)

GENERAL EDUCATION REQUIREMENTS (43 hrs)

Foundational Studies (16 hrs)			<u>Hrs</u>	<u>Sem</u>	<u>Grade</u>
ENGL	101	Composition & Rhetoric	3		
ENGL	102	Composition & Literature	3		
Math	115 (or above)	*Math	3		
COMS	101	Speech Communication	3		
GNED	101	Contemporary Issues I	1		
GNED	102	Contemporary Issues II	1		
EVAN	101	Evangelism & Christian Life	2		
Investiga	ative Studies (27 hrs	3)			
	•	_	<u>Hrs</u>	<u>Sem</u>	<u>Grade</u>
NAT SC			3		
HUIS 221 or 222 or HIEU 201 or 202			3		
HUMN 101, THEA 101, VCAR 105, or MUSC 103			3		
**SOC SCI/HIST			3		
GOVT 200, PSYC 101 or 210, SOCI 200 or 201			3		
GEN ED ELECTIVE			3		
PHIL 201 Phil./Contemporary Ideas			3		
+THEO 201 Theology Survey I AND/OR THEO 202 Theological Survey II			3		
+BIBL 105 Old Testament Survey AND/OR BIBL 110 New Testament Survey			3		

^{*} May include biology or other natural science (e.g. chemistry, physics, geology, astronomy) transferred from another institution.

AVIATION CONCENTRATION (45 hrs)

AVIATION CONCENTRATION (45 hrs)						
			<u>Hrs</u>	<u>Sem</u>	<u>Grade</u>	
AVMT	100	Aircraft Sciences 1	3			
AVMT	102	Aircraft Sciences 2	3			
AVMT	104	Maintenance Practices 1	3			
AVMT	106	Maintenance Practices 2	3			
AVMT	200	Airframe Auxiliary Systems	3			
AVMT	202	Aircraft Electrical Systems	3			
AVMT	204	Airframe Structures 1	3			
AVMT	206	Airframe Structures 2	3			
AVMT	208	Airframe Assembly & Inspection	3			
AVMT	210	Airframe Hydraulic, Pneumatic & Landing Gear	3			
AVMT	212	Reciprocating Engines	3			
AVMT	214	Engine Electrical Systems	3			
AVMT	216	Engine Auxiliary Systems 1	3			
AVMT	218	Engine Auxiliary Systems 2	3			
AVMT	220	Turbine Engines	3			
		=				

^{*} Please refer to the list of approved general education courses at www.luonline.com/generaleducation.

Prayer

Adjournment

^{**} Social Sciences may include government, economics, psychology, sociology, anthropology, political science, and other recognized social disciplines. PSYC 101, 210, or SOCI 201 is strongly recommended.

⁺ Choose any two of the four.