

SOUTH DAKOTA BOARD OF REGENTS

Committee on Academic and Student Affairs

AGENDA ITEM: II – D (1)

DATE: June 10-11, 2015

SUBJECT: Program Modifications – DSU

Dakota State University has submitted the following program modification proposal. These requests have been reviewed by the system Vice President for Academic Affairs and the Executive Director recommends approval.

Existing Program: Substantive Program Modifications

- Applied Computer Science (MS) – *request to remove specializations*
- Education, Mathematics Education (BS) – *request to change the total credits required within the discipline, total credits of supportive coursework, and total credits of elective coursework*
- Computer Education (BSED) – *request to change the total credits required within the discipline and total credits of elective coursework*
- Digital Arts and Design, Digital Storytelling Specialization (BS) – *request to change the program name and new courses*
- Healthcare Coding Certificate – *request to total credits of elective coursework*
- Information Assurance and Computer Security (MS) – *request to change the total credits of elective coursework, existing specialization, and new courses*
- Education, Educational Technology (BS) – *request to change the total credits required within the discipline, total credits of supportive coursework, total credits of elective coursework, and remove specialization*

RECOMMENDED ACTION OF THE EXECUTIVE DIRECTOR

Approve DSU's program modification request for its M.S. in Applied Computer Science; B.S. in Education, Mathematics Education; BSED in Computer Education; B.S. in Digital Arts and Design, Digital Storytelling Specialization; Healthcare Coding Certificate; M.S. in Information Assurance and Computer Security; and B.S. in Education, Educational Technology programs.

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: Dakota State University

2. CURRENT PROGRAM NAME: MS Applied Computer Science

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

<u> </u> total credits required within the discipline	<u> </u> Program name
<u> </u> total credits of supportive course work	<u> x </u> Existing specialization
<u> </u> total credits of elective course work	<u> </u> Addition of specialization
<u> </u> total credits required for program	<u> x </u> Other (explain): Remove Specialization

4. LEVEL:

 Certificate
 Associate Degree
 Bachelor's Degree
 X Master's Degree
 Doctoral Degree

5. CATEGORY:

 Minor
 Major
 X Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

 on the effective date for all students

 X on the effective date for students new to the program
(enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Current Program Name:				Proposed Program Name:			
Pre	Num	Title	Cr Hrs	Pre	Num	Title	Cr Hrs
CSC	705	Design & Analysis of Algorithms	3	CSC	705	Design & Analysis of Algorithms	3
CSC	710	Structure & Design of Prog Lang	3	CSC	710	Structure & Design of Prog Lang	3
CSC	714	Database Systems	3	CSC	714	Database Systems	3
CSC	718	Distributed & Parallel Computing	3	CSC	718	Distributed & Parallel Computing	3
CSC	720	Theory of Computation	3	CSC	720	Theory of Computation	3
				Complete 15 credits of elective courses or the Cyber Operations Specialization. Electives must be graduate level Computer Science (CSC 500-level or above) or from other areas approved by advisor.			
				Elective			15
Cyber Operations Specialization			15	Cyber Operations Specialization			15
				CSC	716	Secure Software Engineering	3
				CSC	748	Software Exploitation	3
INFA	723	Cryptography	3	INFA	723	Cryptography	3
INFA	725	Advanced Networking Hacking	3				
INFA	729	Advanced Web Hacking	3				
INFA	751	Wireless Security	3	INFA	751	Wireless Security	3
		Elective	3			Elective	3
Software Development Specialization			15				
CSC	716	Secure Software Engineering	3				
CSC	744	Software Development Leadership	3				
		Elective	9				
Custom Specialization							
		Elective	15				

Total number of hours required for major, minor, or specialization **30**
Total number of hours required for degree **30**

Total number of hours required for major, minor, or specialization **30**
Total number of hours required for degree **30**

8. EXPLANATION OF THE CHANGE:

The MS ACS core remains the same. Student will need to complete 15 credits of additional coursework to fulfill degree requirements. These credits should be 500-level or above CSC courses or approved by an advisor. A student may alternatively elect to pursue the Cyber Operations Specialization.

Within the Cyber Operations specialization, INFA 725 and INFA 729 content is being merged into CSC 748 Software Exploitation. CSC 716 is added to the specialization so that a secure software development focus is also included.

The Software Development and Custom specializations are removed. The Software Development specialization has seen little interest from students and the faculty resources should be devoted to other areas. The Custom is removed to clarify that elective credits are necessary to meet the base requirements for the MS ACS degree.

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: **Dakota State University**

2. CURRENT PROGRAM NAME: **Bachelor of Science in Education in Mathematics**

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

<input checked="" type="checkbox"/> total credits required within the discipline	<input type="checkbox"/> Program name
<input checked="" type="checkbox"/> total credits of supportive course work	<input type="checkbox"/> Existing specialization
<input checked="" type="checkbox"/> total credits of elective course work	<input type="checkbox"/> Addition of specialization
<input type="checkbox"/> total credits required for program	<input type="checkbox"/> Other (explain)

4. LEVEL:

Certificate
 Associate Degree
 Bachelor's Degree
 Master's Degree
 Doctoral Degree

5. CATEGORY:

Minor
 Major
 Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

on the effective date for all students

on the effective date for students new to the program
(enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Pre	Num	Title	Cr Hrs	Pre	Num	Title	Cr Hrs
System-wide General Education*			30	System-wide General Education*			30
*Majors must take INED 211 and MATH 123 as part of the System-wide General Education requirement.				*Majors must take INED 211 and MATH 123 as part of the System-wide General Education requirement.			
Institutional General Education**			11	Institutional General Education**			11
**Majors must take CIS 130 and EPSY 210 as part of the Institutional Graduation requirement.				**Majors must take EPSY 210 as part of the Institutional Graduation requirement.			
Mathematics Component			34	Mathematics Component			35
MATH	125	Calculus II	4	MATH	125	Calculus II	4
MATH	201	Into to Discrete Math	3	MATH	201	Into to Discrete Math	3
MATH	281	Into to Statistics	3	MATH	281	Into to Statistics	3
MATH	315	Linear Algebra	3	MATH	315	Linear Algebra	3
MATH	316	Discrete Mathematics	3	MATH	316	Discrete Mathematics	3
MATH	341	Math Concepts I	3	MATH	341	Math Concepts I	3
MATH	342	Math Concepts II	3	MATH	342	Math Concepts II	3
MATH	361	Modern Geometry	3	MATH	361	Modern Geometry	3
				MATH	488	Capstone	1
Choose 9 credits from the following:			9	Choose 9 credits from the following:			9
MATH 225, 282, 318, 321, 381, 413, 418, 471, 475, 494 and 498				MATH 225, 282, 318, 321, 381, 413, 418, 471, 475, 494 and 498			
K-12 Education Technology Minor			11	K-12 Education Technology Minor			11
CIS	350	Computer Hdw, Data Comm	3	CIS	350	Computer Hdw, Data Comm	3
EDER	415	Educational Assessment	2	EDER OR ELED	415 422	Educational Assessment Math/Science Technology	2
EDFN	365	Computer-based Tech	3	EDFN	365	Computer-based Tech	3
Three credits from the following:			3	Three credits from the following:			3
CSC 206, 207, 208, 209				CSC 206, 207, 208, 209			
Professional Education Courses			30	Professional Education Courses			28
EDFN	338	Foundations of Amer Ed	2	EDFN	338	Foundations of Amer Ed	2
EDFN	475	Human Relations	3	EDFN	475	Human Relations	3
EPSY	302	Educational Psychology	3	EPSY	302	Educational Psychology	3
SEED	295	Practicum	1	SEED	295	Practicum	1
SPED	100	Into to Persons with Excep	3	SPED	100	Into to Persons with Excep	3
EDFN	465	Multimedia and web development in education	2				
SEED	302	Secondary/Middle	2	SEED	302	Secondary/Middle	2
SEED	401	Methods of Ed Tech	1	SEED	401	Methods of Ed Tech	1
SEED	440	Classroom Management	2	SEED	440	Classroom Management	2
SEED	450	Reading & Content Literacy	3	SEED	450	Reading & Content Literacy	3
SEED	488	7-12 Student Teaching	8	SEED	488	7-12 Student Teaching	8
Electives			4	Electives			5

Total number of hours required for major, minor, or specialization

75

Total number of hours required for major, minor, or specialization

74

Total number of hours required for degree

120

Total number of hours required for degree

120

9. EXPLANATION OF THE CHANGE:

The addition of a one credit hour Capstone course will provide the framework for program assessment, the math education exit exam will be taken as the final exam for this course. The course will also serve as a preparatory course for the Praxis II math content exam that they must pass in order to student teach per Board of Regents policy.

Any of the introduction to programming classes (VB, C++, or Java) are now acceptable programming classes in the core k-12 education technology minor, thus CIS 130 will no longer be a required general education course in the math education program.

The EDFN 465 class is not part of the k-12 educational technology minor and this course was not removed when the minor attached to our major was computer education (EDFN 465 was part of the computer education minor).

The math and science education faculty recommended the ELED 422 Math/Science Technology course be included in the k-12 educational technology minor for math education majors (classes that math education majors take to supplement the core of the k-12 Educational Technology minor).

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: **Dakota State University**

2. CURRENT PROGRAM NAME: **BSED in Computer Education**

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

<u> X </u> total credits required within the discipline	_____ Program name
_____ total credits of supportive course work	_____ Existing specialization
<u> X </u> total credits of elective course work	_____ Addition of specialization
_____ total credits required for program	_____ Other (explain)

4. LEVEL:

_____ Certificate
 _____ Associate Degree
 X Bachelor's Degree
 _____ Master's Degree
 _____ Doctoral Degree

5. CATEGORY:

_____ Minor
 _____ Major
 _____ Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

_____ on the effective date for all students

 X on the effective date for students new to the program
 (enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum			
Pre	Num	Title	Cr Hrs	Pre	Num	Title	Cr Hrs
System General Education *			30	System General Education*			30
*Majors must take INED 211 as part of the System-wide General Education Requirement.				*Majors must take INED 211, SOC 285 and ART 121 as part of the System-wide General Education requirement.			
Institutional General Education**			11	Institutional General Education**			11
**Majors must take CSC 150 and EPSY 210 as part of the Institutional Graduation requirements.				**Majors must take CSC 150 and EPSY 210 as part of the Institutional Graduation requirements.			
Computer Education Major			27	Computer Education Major			33
CIS	130	Visual Basic Programming	3	CIS	130	Visual Basic Programming	3
CIS	251	Business Applications Programming	3	CIS	251	Business Applications Programming	3
CIS	275	Web Application Programming I	3	CIS	275	Web Application Programming I	3
				CIS	245	Intro to Security Fund	3
CIS	325	Management Info Systems	3	CIS	325	Management Info Systems	3
CIS	332	Structured Systems Analysis	3	CIS	332	Structured Systems Analysis	3
CIS	350	Computer Hdw, Data Communications & Networking	3				
				CIS	363	Hardware, Virtualization, and Data Communication	3
CIS	383	Networking I	3	CIS	383	Networking I	3
CSC	206-209	Adv. Computer Applications	3	CSC	206-209	Adv. Computer Applications	3
EDFN	365	Computer-based Tech & Learning	3	EDFN	365	Computer-based Tech & Learning	3
				CIS	484	Database Mgt Systems	3
Electives			2	Electives			14
Minor Requirement			18				
Professional Education Courses			32	Professional Education Courses			32
Total number of hours required for major, minor, or specialization			77	Total number of hours required for major, minor, or specialization			65
Total number of hours required for degree			120	Total number of hours required for degree			120

9. EXPLANATION OF THE CHANGE:

The changes have been made to strengthen the skills for computer education majors.

SOC 285 Society and Technology is required as the social science required course to give students a background in global topics relating to technology, society, and culture.

ART 121 Art Design I 2D is the required arts and humanities course to give students a background in visual elements and principles exploring digital theory, concepts, material, and techniques. Computer education students need this background because they will teach courses in digital graphic arts.

CIS 484 Database Management Systems has been added to the major to give students a background in a formalized database design course. The course focuses on relational model design and the use of SQL. With this background in the basics of data management, students are able to teach courses and serve as tech coordinators in a school system to maintain networks.

CIS 245 Information Security Fundamentals is required in the major giving students a background in the principles of information assurance, with emphasis on threats and vulnerabilities. Students will need to understand security and risks to develop policies for school systems for confidentiality of information and data.

CIS 363 Hardware, Virtualization, and Data Communication replaces CIS 350. CIS 363 provides students with a broad understanding of computer hardware, computer architecture, virtualization, and data communications giving them advanced skills to work as tech coordinators in school systems.

With the addition of CIS 484, the computer information systems minor is integrated into the major. Since a minor has already been completed by the student, fourteen credits become open credits allowing students flexibility to select courses for another minor, other teaching courses for computer education, courses to strength skills as a technical coordinator, or courses for the coaching endorsement.

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: **Dakota State University**

2. CURRENT PROGRAM NAME: **B.S. in Digital Arts and Design, Digital Storytelling Specialization**

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

<u> </u> total credits required within the discipline	<u> X </u> Program name
<u> </u> total credits of supportive course work	<u> X </u> Existing specialization
<u> </u> total credits of elective course work	<u> </u> Addition of specialization
<u> </u> total credits required for program	<u> </u> Other (explain)

4. LEVEL:

 Certificate
 Associate Degree
 X Bachelor's Degree
 Master's Degree
 Doctoral Degree

5. CATEGORY:

 Minor
 Major
 X Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

 on the effective date for all students

 X on the effective date for students new to the program
 (enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Current Program Name: Digital Storytelling				Proposed Program Name: Film and Cinematic Arts			
System General Education		30		System General Education		30	
*Majors must take ART 121 and SOC 285 as part of the system-wide General Education requirements				*Majors must take ART 121, SOC 285 and THEA 131 as part of the system-wide General Education requirements.			
Institutional Graduation Requirements		11		Institutional Graduation Requirements		11	
*Students in the Web Design and Production specializations are required to take CSC 150; all other specializations may choose from either CSC 150 or CIS 130.				*Students in the Web Design and Production specializations are required to take CSC 150; all other specializations may choose from either CSC 150, CIS 130 or CSC 123.			
Major Core Requirement		25		Major Core Requirement		25	
Digital Storytelling		36		Film and Cinematic Arts		36	
ARTD	286	Motion Graphics and Composting	3	ARTD	286	Motion Graphics and Composting	3
ARTD	460	Digital Editing	3				
DAD	215	Team Building & Creative Problem Solving	3				
OR							
SPCM	225	Symbolic, Strategic Comm					
DAD	255	Writing Digital Stories	3	DAD	255	Screenwriting	3
DAD	330	Digital Storytelling I	3	DAD	330	Film Editing I	3
DAD	335	Digital Storytelling II	3	DAD	335	Film Editing II	3
				DAD	340	Narrative Filmmaking	3
				DAD	345	Documentary Filmmaking	3
DAD	375	Storyboarding	3	DAD	375	Storyboarding	3
DAD	380	Prof Dev for Digital Storytellers	3	DAD	380	Prof Dev for Digital Storytellers	3
DAD	465	Digital Video Production	3	DAD	465	Adv. Film Dev and Production	3
THEA	201	Film Appreciation	3	THEA	201	Film Appreciation	3
THEA	241	Stagecraft	3	THEA	241	Stagecraft	3
THEA	351	Directing	3	THEA	351	Directing	3
Electives		18		Electives		18	
Total number of hours required for major, minor, or specialization			61	Total number of hours required for major, minor, or specialization			61
Total number of hours required for degree			120	Total number of hours required for degree			120

9. EXPLANATION OF THE CHANGE: The name change more accurately represents the evolution of the specialization and provides clarity to current and future students.

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: **Dakota State University**

2. CURRENT PROGRAM NAME: **Healthcare Coding Certificate**

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

_____ total credits required within the discipline	_____ Program name
_____ total credits of supportive course work	_____ Existing specialization
_____ total credits of elective course work	_____ Addition of specialization
<u> X </u> total credits required for program	_____ Other (explain)

4. LEVEL:

 X Certificate
 _____ Associate Degree
 _____ Bachelor's Degree
 _____ Master's Degree
 _____ Doctoral Degree

5. CATEGORY:

_____ Minor
 _____ Major
 _____ Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

_____ on the effective date for all students

 X on the effective date for students new to the program
 (enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Current Program Name:				Proposed Program Name:			
Pre	Num	Title	Cr Hrs	Pre	Num	Title	Cr Hrs
HIM	130	Basic Medical Terminology	2	HIM	130	Basic Medical Terminology	2
HIM	150	Introduction to Health Information Management	3	HIM	150	Introduction to Health Information Management	4
HIM	170	Legal Aspects Health Information Management	3	HIM	170	Legal Aspects of Health Information Management	3
HIM	180	Fundamentals of Disease and Diagnosis Coding I	4	HIM	180	Fundamentals of Disease and Diagnosis Coding I	4
				HIM	225	Introduction to Healthcare Information Systems	3
HIM	240	Fundamentals of Disease and Diagnosis Coding II	4	HIM	240	Fundamentals of Disease and Diagnosis Coding II	4
HIM	250	Alternative Site Health Information Management	2				
HIM	262	Healthcare Procedure Coding Systems	3	HIM	262	Healthcare Procedure Coding Systems	3
HIM	264	Healthcare Reimbursement Methodologies	1	HIM	264	Revenue Cycle Management	1
HIM	283	Healthcare Coding Experience	1	HIM	283	Healthcare Coding Experience	1
BIOL or BIOL	101 or 151	Biology Survey I or General Biology I	3 or 4	BIOL or BIOL	101 or 151	Biology Survey I or General Biology I	3 or 4
BIOL	323	Anatomy & Physiology	4	BIOL	323	Anatomy & Physiology	4
CSC	105	Introduction to Computers	3	CSC	105	Introduction to Computers	3
Total number of hours required for major, minor, or specialization			33 or 34	Total number of hours required for major, minor, or specialization			35 or 36
Total number of hours required for degree			33 or 34	Total number of hours required for degree			35 or 36

9. EXPLANATION OF THE CHANGE:

The new curriculum more accurately reflects course content related to current health information management functions and the future role of HIM related to coding and revenue cycle management.

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: **Dakota State University**

2. CURRENT PROGRAM NAME: **MS in Information Assurance and Computer Security**

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

_____ total credits required within the discipline	_____ Program name
_____ total credits of supportive course work	<u> X </u> Existing specialization
<u> X </u> total credits of elective course work	_____ Addition of specialization
_____ total credits required for program	_____ Other (explain) New Courses
_____	<u> X </u>

4. LEVEL:

_____ Certificate
 _____ Associate Degree
 _____ Bachelor's Degree
 X Master's Degree
 _____ Doctoral Degree

5. CATEGORY:

_____ Minor
 _____ Major
 _____ Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

_____ on the effective date for all students
 X on the effective date for students new to the program
 (enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum			
Pre	Num	Title	Cr Hrs	Pre	Num	Title	Cr Hrs
Core			24	Core			30
INFA	701	Principles of IA	3	INFA	701	Principles of IA	3
INFA	713	Managing Security Risks	3	INFA	713	Managing Security Risks	3
INFA	715	Data Privacy	3	INFA	715	Data Privacy	3
				INFA	720	Incident Response	3
INFA	721	Computer Forensics	3	INFA	721	Computer Forensics	3
INFA	734	Web Software Security	3				
				INFA	723	Cryptography	3
INFA	736	Offensive Network Security	3				
				INFA	735	Offensive Security	3
INFA	754	Network Security/Intrusion Detection	3	INFA	754	Network Security/Intrusion Detection	3
				INFA	742	Ethics in Technology	3
				INFA	745	Compliance and Audit	3
			21 credits	Total Core Credits			30
Banking and Financial Security Specialization							
INFA	741	Introduction to Banking	3				
INFA	743	Information Security Management Systems Transactions	3				
INFA	745	Compliance and Audit	3				
			9 credits				
General Specialization							
Students select 3 credits of 600+ level INFA, INFS, CSC courses			9				
			9 credits				
Total Credits- Core + Specialization			30				
Total number of hours required for major, minor, or specialization			30	Total number of hours required for major, minor, or specialization			30
Total number of hours required for degree			30	Total number of hours required for degree			30

9. EXPLANATION OF THE CHANGE:

The changes have been made to strengthen and streamline the MS in Information Assurance and Computer Security program.

INFA 734 Web Software Security and 736 Offensive Network Security have merged to become INFA 735 Offensive Security. Combining the courses will allow students to explore both the network and web side of offensive exploitation at the same time.

Currently the program has 2 specializations, Banking and Financial Security and General. In the 2014-2015 AY the program went through an external review the reviewer mentioned to the program committee that 3 courses does not qualify as a strong specialization. Therefore the suggestion was to have 10 prescribed courses, or strengthen the specializations with more

courses. The decision of the program committee was to move to program that had 10 prescribed courses with no specializations. Further, with limited students enrolled in the Banking and Finance specialization offering the courses is not a great use of resources, including faculty credit hours.

INFA 720 Incident Response, is being added to the core of the program to provide students with the knowledge to properly respond to information security incidents. Topics will include suspected malware incidents, disaster recover, data retention plus more.

INFA 742 Ethics in Information Technology, is being added to ensure students understand how ethics are integrated into technology and security.

INFA 723 Cryptography, is an existing elective course that is now being added into the core of the program.

INFA 745 Compliance and Audit has been added to the new core of the program and was previously an elective in the Banking and Financial Security specialization.

South Dakota Board of Regents

EXISTING PROGRAM: SUBSTANTIVE PROGRAM MODIFICATION

This form is used to request substantive changes in already existing programs (majors, minors, specializations).

1. INSTITUTION: **Dakota State University**

2. CURRENT PROGRAM NAME: **MS in Education, Educational Technology**

3. THIS PROPOSAL DEALS WITH A CHANGE IN:

Distribution of Credits

<u> </u> total credits required within the discipline	<u> </u> Program name
<u> X </u> total credits of supportive course work	<u> </u> Existing specialization
<u> X </u> total credits of elective course work	<u> </u> Addition of specialization
<u> </u> total credits required for program	<u> </u> Other (explain)
<u> X </u>	<u> x </u> Remove specialization

4. LEVEL:

 Certificate
 Associate Degree
 Bachelor's Degree
 x Master's Degree
 Doctoral Degree

5. CATEGORY:

 Minor
 x Major
 Specialization

6. EFFECTIVE DATE OF CHANGE: Fall 2015

7. IF A NAME CHANGE IS PROPOSED, THIS WILL OCCUR:

 x on the effective date for all students

 on the effective date for students new to the program
 (enrolled students will graduate from existing program)

8. PRIMARY ASPECTS OF THE MODIFICATION:

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
Core Courses (USD Shared)			15	Core Courses (USD Shared)			15
LT	712	Principles of Learning for Inst. Tech.	3	LT	712	Principles of Learning for Inst. Tech.	3
LT	716	Sys. Design of Inst.	3	LT	716	Sys. Design of Inst.	3
LT	731	Multimedia Production	3	LT	731	Multimedia Production	3
LT	741	Intro. To Dist. Edu.	3	LT	741	Intro. To Dist. Edu.	3
LT	785	Research Meth. In Ed. Tech.	3	LT	785	Research Meth. In Ed. Tech.	3
Required courses (core)			10	Required courses (core)			8
CET	720	Evaluating Ed. Tech. Outcomes	3	CET	720	Leading Evaluation and Change in the Instructional Technology Environment	3
CET	751	Computer Hardware and Networking Essentials	3	CET	751	Computer Hardware and Networking Essentials (On campus)	3
				CET	753	Network Management in Educational Institutions (On line)	
CET	756	Intro. To Inst. Programming	2	CET	756	Intro. To Inst. Programming	2
CET	765	Leadership in Tech. Change	2				
Electives			4	Electives			7
CET	657	Network Operating Systems	2	CET	657	Network Operating Systems	2
CET	659	Teaching in the One-to-One Computing Environment	2				
CET	721	Web authoring	1	CET	721	Web authoring	1
				CET	725	Educational Applications for Mobile Devices	3
CET	726	Technology in Curriculum	3	CET	726	Technology in Curriculum	3
CET	747	Web and ITV Based Applications of Distance Education	3				
CET	749	Policy and Management in Distance Education	3	CET	749	Policy and Management in Distance Education	3
CET	750	Multimedia II	2	CET	750	Multimedia II	2
CET	753	Network Management in Educational Institutions	3				

CET	758	Advanced Instructional Programming	2				
CET	769	Adult Learning for Distance Education					
CET	788	Educational Computing Research Project	2	CET	788	Educational Computing Research Project	2
CET	792	Special Topics: (topic to be determined by request)	1-3	CET	792	Special Topics: (topic to be determined by request)	1-3
CET	795	Practicum	3	CET	795	Practicum	3
CET	798	Thesis	4	CET	798	Thesis	4
Total number of hours required for major, minor, or specialization			36	Total number of hours required for major, minor, or specialization			30
Total number of hours required for degree			36	Total number of hours required for degree			30

9. EXPLANATION OF THE CHANGE:

The instructional technology field is a dynamic one, and the changes to the MSET program above reflects the evolutions of our field. This includes adaptations to a mobile computing environment and a stronger orientation to distributed learning—further away from the traditional distance paradigm. A reduction from 36 to 30 credit hours also makes the program commensurate to others of its type. The proposed changes also make the degree program completely obtainable from a distance.