

**ACCELERATED MASTER'S DEGREE (AMD)
Program Proposal**

Chair: Tracy Christofero

GC#10: AMD

Prepare one paper copy with all signatures and forward to the Graduate Council Chair. Additionally, send one identical ELECTRONIC COPY with all supporting documentation as an e-mail attachment by to the Graduate Council Chair for electronic distribution to the Graduate Council Curriculum Committee.

Guidelines for an AMD Proposal

Accelerated Master's Degree Programs may be developed between an undergraduate and graduate program in a single department, between two programs in a single school/college or between programs in two different schools/colleges. AMD programs enrich the opportunities of the best undergraduates at Marshall University, enabling them to earn a Bachelor's and Master's degree in much less time than it would take following the traditional path. AMD students do not double count credits. They can take up to 12 graduate credits to be applied to the master's degree in place of 12 undergraduate elective credits. They will earn the undergraduate degree with up to 12 fewer credit hours, depending on how many graduate hours they take.

Rationale: The proposal should identify the rationale or need for an AMD, and, if the undergraduate and graduate programs are in different departments, clarify how they are appropriate for the AMD.

Rationale: The AMD-ME pathway will help the Engineering Division in: Retention of our qualified undergraduate students in our programs (instead of allowing them to leave Marshall University and join our competitors' programs, such as WVU's), Enrichment of our current Master's programs with talented and qualified students, who have strong academic background, and Boosting undergraduate student recruitment, as prospective students will see the chance to earn two degrees in approximately five years, and as a result, will join Marshall University.

Admission Requirements: The proposal should state whether admission requirements for the AMD differ from regular admission requirements (e.g. waive test scores).

Admission Requirements: AMD-ME Applicants must be undergraduate ME students and have completed a minimum of 80 credit hours including ENGR 318, ENGR 335, ME 310, ME 340 and ME 455. The Applicant must have a minimum over all grade point average of 3.30, and 3.3 in the major and no less the B grade in the following courses: ENGR 318, ENGR 335, ME 310, ME 340, and ME 455.

AMD Credits: The proposal may allow an undergraduate student to earn a maximum of 12 credits in approved graduate courses to be applied to the master's degree. These 12 credits take the place of 12 undergraduate electives. Please note the maximum allowed credits.

AMD Credits: 12 Credits

Curriculum: The proposal should show how a student can complete the Bachelor's degree by lowering the number of undergraduate credits (up to 12) with up to 12 graduate credits that will apply to the master's degree.

Curriculum: Students enrolled in ME-AMD program can substitute up to a maximum of 12 graduate credits toward their BSME up to a maximum of 12 graduate credits toward their BSME.
1. Three Technical Elective courses can be substituted by 500 or 600 level ME, EE, CE or ENGR courses approved by the graduate advisor
2. ENGR 451-Project Management can be substituted by EM 660-Project Management
3. ME 420-Control Systems can be substituted by ME 560- Automation and Control
See the attached BSME suggested Curriculum Plan

Student Eligibility: AMD applicants must have a minimum over-all grade point average of 3.30 and 3.30 in the major. Programs may require a higher GPA. Please note your required GPA.

Student Eligibility: The Applicant must have a minimum over all grade point average of 3.30, and 3.3 in the major and no less the B grade in the following courses: ENGR 318, ENGR 335, ME 310, ME 340, and ME 455.

Accelerated Master's Degree Proposal-Page 2

Please insert in the text box below your summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

AMD Proposal

Department:

Allowable credits:

Student eligibility requirements:

Department: The Weisberg Division of Engineering

Allowable credits: 12 Credit Hours

Student eligibility requirements: The Applicant must have a minimum over all grade point average of 3.30, and 3.3 in the major and no less the B grade in the following courses: ENGR 318, ENGR 335, ME 310, ME 340, and ME 455.

Approvals

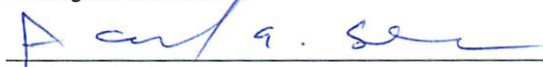
Signatures



Undergraduate Advisor

2/11/2019

Date



Graduate Studies Director

2/11/2019


Date



Dean, Undergraduate College

02/21/2019

Date



Graduate Council Chair

3/22/19

Date

Accelerated Master's Degree (AMD)-BSME/MSME

Marshall University offers an accelerated path through a number of its master's degree programs. We encourage qualified undergraduates to consider doing an Accelerated Master's Degree.

Undergraduates accepted to an Accelerated Master's Degree program can begin taking graduate coursework in their senior year up to a maximum of 12 hours in place of electives. Students reduce the number of hours required to complete the Bachelor's degree by the number of graduate hours they complete (up to a maximum of 12). They must meet all other degree requirements for their Bachelor's degree while they work on their Master's degree. None of the credit hours used for the Bachelor's degree can be counted toward the Master's degree.

Graduate coursework/credit will appear ONLY on the graduate transcript, and graduate course grades will be calculated at the graduate level. The undergraduate transcript will indicate that graduate courses were used to fulfill the AMD requirement.

Advantages of an Accelerated Degree

- complete the Bachelor's degree with up to 12 fewer credit hours (must meet all other degree requirements for the Bachelor's degree);

1. ***Thesis Option: Three graduate ME, CE, ENGR or EE Courses (500 or 600 Level) can be taken to meet the Tech. Electives requirement. In addition, ENGR 451-Project Management can be substituted by EM 660, or ME 420-Control Systems can be substituted by ME 560-Automation and Control.***
2. ***Course Work Option: Three graduate ME, CE, ENGR or EE (500 or 600 Level) can be taken to meet the Tech. Electives requirement. In addition, ENGR 451-Project Management can be substituted by EM 660, or ME 420-Control Systems can be substituted by ME 560-Automation and Control.***

- begin work on the master's degree during the senior year;
- complete up to 12 graduate credits at undergraduate tuition rates;
- earn a bachelor's and master's degree in less time.

Eligibility Requirements for Accelerated Master's Degree program

- must have completed at least 90 hours toward the bachelor's degree;
- must have at least a 3.30 overall undergraduate GPA;
- must have at least a 3.30 GPA in the major;
- must meet the admission requirements of the chosen master's degree program. (Note: AMD programs may have admission requirements that differ from the admission requirements for the regular master's degree. For example, some departments might waive the required admission test, such as the GRE, GMAT or Miller Analogies. Students should check with the chosen master's degree program.)

How to Apply

1. During the junior or senior year, eligible students should meet with their undergraduate advisor and the Director of Graduate Studies of their chosen master's degree program to develop an AMD Plan of Study. The Plan of Study form is available from the Graduate College office or online at the Graduate College website. The completed, signed, and approved Plan of Study must be submitted to the Graduate College. Any changes to the AMD Plan of Study must be approved by the undergraduate advisor and Director of Graduate Studies and submitted in writing to the Dean of the Graduate College.
2. The student's acceptance into the AMD program is subject to the approval of the Plan of Study by the Dean of the Graduate College.
3. Students accepted into the AMD program should apply for admission to the chosen master's degree program for the first semester after the bachelor's degree is awarded. Applications should be submitted during the last semester of the senior year.

Requirements for Continuation in the AMD Degree Program

Students must maintain a minimum GPA of 3.0 for all graduate credit toward their master's degree program.

**B.S.M.E. Four-Year Curriculum Plan
(AMD***)**

Freshman Year

Fall Semester		Spring Semester	
ENGR 103 – Freshmen Engineering Seminar	1	ENGR 102 – Introduction to CAD	2
ENGR 104 – The Engineering Profession	1	ME 111 – ME Computations	3
MTH 229 CT – Calculus I	5	MTH 230 – Calculus II	4
CHM 211 – Principles of Chemistry	3	ENG 101 – English Composition I	3
FYS 100 – First Year Seminar	3	PHY 202 – Physics Lab	1
CMM 103 or 207 - Communication	3	PHY 211 – Principles of Physics I	4
Total	16	Total	17

Sophomore Year

Fall Semester		Spring Semester	
ENGR 213 – Statics	3	ENGR 214 – Dynamics	3
ENGR 215 – Engineering Materials	3	ENGR 216 – Meth. Of Def. Bodies	3
ENGR 245 – Intro to Circuits & Instrumentation	3	ENGR 217 – Co-Op	1
MTH 231 – Calculus III	4	ENGR 219 – Thermodynamics	3
PHY 204 – Physics Lab II	1	ENGR 240 – Manu. Process	3
PHY 213 – Principles of Physics II	4	MTH 335 – Differential Equations	3
Total	18	Total	16

Junior Year

Fall Semester		Spring Semester	
<u>ENGR 318 – Fluid Mechanics****</u>	<u>3</u>	ENG 201 – Advanced Composition II	3
Social Science (CT, M/I, W)	3	ENGR 222 – Engineering Cost Analysis & Economy	3
<u>ME 310 – Thermodynamics II****</u>	<u>3</u>	ME 325 – Design of Exper. & T.F. Lab	2
<u>ME 455 – Metallurgy****</u>	<u>3</u>	ME 350 – Heat Transfer	3
<u>ENGR 335 – Engineering Analysis ****</u>	<u>3</u>	ME 410 – Kinematics & Design of Machines	3
<u>ME 340 – Design of Mach. Elements****</u>	<u>3</u>	ME 360 – Fluid Dynamics	3
Total	18	Total	17

Senior Year

Fall Semester		Spring Semester	
ENGR 451 – Project Management*	3	ENGR 453 – Senior Capstone Design II	3
ENGR 452 – Senior Capstone Design I	2	ME Technical Elective I**	3
ME 420 – Control Systems*	3	ME Technical Elective II**	3
ME 425 – ME Lab II	1	ME Technical Elective III**	3
ME Design Elective	3	Humanities	3
Fine Arts	3		
Total	15	Total	15

*ENGR 451-Project Management can be substituted by EM 660-Project Management

*ME 420-Control Systems can be substituted by ME 560- Automation and Control

** Any 500 or 600 level ME, EE or ENGR courses approved by the graduate advisor

*** Students enrolled in ME-AMD program can substituted up to a maximum of 12 graduate credits toward their BSME.

Request for Graduate Addition, Deletion, or Change of a Major or Degree

NOTE: Before you submit a request for a new Major or Degree, you must submit an INTENT TO PLAN form. Only after the INTENT TO PLAN goes through the approval process are you ready to submit this request for a new Major or Degree. For detailed information on new programs please see: <http://wvhepcdoc.wvnet.edu/resources/133-11.pdf>.

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one PDF copy without signatures to the Graduate Council Chair.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITE

Dept/Division: Computer Science

Contact Person: Wook-Sung Yoo

Phone: x5452

Degree Program: Computer Science

Check action requested: ☐ Addition ☐ Deletion ☒ Change

Effective Term/Year

Fall 20

19

Spring 20

☐

Summer 20

☐

Information on the following pages must be completed before signatures are obtained.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head

Yoo, Wook-Sung

Date

Feb. 21, '19

College Curriculum Chair

Harter

Date

2/21/19

College Dean

Wark

Date

02/21/2019

Graduate Council Chair

Luis Howard

Date

3-22-19

Provost/VP Academic Affairs

Date

Presidential Approval

Date

Board of Governors Approval

Date

Request for Graduate Addition, Deletion, or Change of a Major or Degree-Page 2

Please provide a rationale for addition, deletion, change: (May attach separate page if needed)

The Master of Science in Computer Science (MSCS) program proposes to change the admission criteria to enhance the enrollment and to provide state-of-the-art contents to MSCS curriculum with new or up-to-dated courses to improve the quality of the program.

(1) Admission Requirements

Provide an option of being conditionally admitted to MSCS program for the applicants who are lacking in computer science background by taking three "bridge" courses.

(2) Additional new and updated courses

Provide new courses with "hot" topics and enhance the current courses by including more advanced topics.

Please describe any changes in curriculum:

List course number, title, credit hours. Note whether each course is required or optional. Enter NONE if no change. (May attach separate page if needed)

CS 510, Advanced Database Systems, 3 credit, required

CS 511, Advanced Programming, 3 credit, required

CS 600, Advanced Web Technology, 3 credit, required

CS 601, The Internet of Things, 3 credit, optional

CS 602, Cloud Computing, 3 credit, optional

CS 698, Internship, 3 credit, 1-6 credit, optional

1. ADDITIONAL RESOURCE REQUIREMENTS: If your program requires additional faculty, equipment or specialized materials to ADD or CHANGE this major or degree, attach an estimate of the time and money required to secure these items.

NOTE: Approval of this form does not imply approval for additional resources. Enter NONE if not applicable.

None

2. NON-DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the request and any response received from them. Enter NONE if not applicable.

None

For catalog changes as a result of the above actions, please fill in the following pages.

Request for Graduate Addition, Deletion, or Change of a Major or Degree-Page 3

3. Current Catalog Description

Insert the *Current* Catalog Description and page number from the latest catalog for entries you would like to change.
(May attach separate page if needed)

See attachment

4. Edits to the Current Description

Attach a PDF copy of the current catalog description prepared in MS WORD with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

Request for Graduate Addition, Deletion, or Change of a Major or Degree-Page 4

5. New Catalog Description

Insert a 'clean' copy of your proposed description, i.e., no strikethroughs or highlighting included. This should be what you are proposing for the new description. (May attach separate page if needed)

COMPUTER SCIENCE, M.S.

Program Description

The Master of Science in Computer Science (MSCS) degree is designed to provide students with the knowledge, skill, and professional practices needed in computing fields. The program also prepares students who desire to pursue further graduate work leading to a Ph.D. degree.

Admission Requirements

Applicants should follow the admissions process as stated in the graduate catalog or the graduate admissions web site.

For full admission, a four-year Bachelor's degree with GPA of 2.75 or higher out of 4.0 in Computer Science, or related areas listed below is required.

- Computer Science
- Computer Engineering
- Information Technology
- Electrical Engineering
- Software Engineering

Applicants with a four-year bachelor's degree in a major not listed above may be admitted to the program with a condition of successful completion of the following three bridge courses with a grade of B or above in the first two semesters of the program:

- Data Structure and Algorithms (CS 210)
- Data Engineering (CS 410)
- Applied Probability and Statistics (STA 345)

Whether a student meets the above requirements will be determined by the division chair or designee based on the information provided in the admission application and transcripts. Foreign nationals must provide proof of English proficiency with a minimum score of 6.5 in IELTS or 80 on TOEFL IBT (or 550 paper based) and must have met all other admission criteria prior to registering for the first semester of courses.

Degree Requirements

The MSCS degree requires 30 credit hours (CR) of graduate work. At least 18 CR must come from 600-level courses. The 30 CR is comprised of the following components:

- Five required CS courses (15 CR):
CS 510 Advanced Database Systems
CS 511 Advanced Programming
CS 515 Data Mining
CS 600 Advanced Web Technology
CS 620 Applied Algorithms

Every student must take CS 510 and CS 511 in their first six hours of coursework.

- Elective Courses (15 CR)

Any 600 level course in master programs in the division of computer science or 500 level course with special permission by chair of the program.

Thesis option

As elective course, the thesis option offers a student an opportunity for serious investigation into an area of interest. Students must summarize their thesis work in the form of a formal written document and deliver an oral presentation. Thesis work is typically conducted over two semesters (6 CR). Thesis can be taken only after the completion of 18 credits at the minimum. Please refer to Thesis Guideline in CS provided by your advisor for details.

Plan of Study

Students are required to complete a Plan of Study form in consultation with their academic advisors before the students can begin program of study. This is usually done the week before the first day of classes of first semester.

Semester 1

CS 510 Advanced Database Systems | CS 511 Advanced Programming | CS EL1

Semester 2

CS 515 Data Mining | CS 600 Advanced Web Technology | CS EL2

Semester 3

CS 620 Applied Algorithms | CS EL3 or CS 681 Thesis 1 | CS EL4

Semester 4

CS EL5 or CS 682 Thesis 1I

Request for Graduate Addition, Deletion, or Change of a Major or Degree-Page 5

Please insert in the text box below your change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Major or Degree:

Type of Change: *(addition, deletion, change)*

Rationale:

Department: Computer Science

Major or Degree: M.S. in Computer Science

Type of Change: Change

Rationale:

The Master of Science in Computer Science (MSCS) program proposes to change the admission criteria to enhance the enrollment and to provide state-of-the-art contents to MSCS curriculum with new or up-to-dated courses to improve the quality of the program.

(1) Admission Requirements

Provide an option of being conditionally admitted to MSCS program for the applicants who are lacking in computer science background by taking three "bridge" courses.

(2) Additional new and updated courses

Provide new courses with "hot" topics and enhance the current courses by including more advanced topics.

COMPUTER SCIENCE, M.S.

Program Description

The Master of Science in Computer Science (MSCS) degree is designed to provide students with the knowledge, skill, and professional practices needed to develop complex software systems. The program also prepares students who desire to pursue further graduate work leading to a Ph.D. degree.

Admission Requirements

Applicants should follow the admissions process as stated in the graduate catalog or the graduate admissions web site. A four-year Bachelor's degree in Computer Science, Information Technology, Information Systems, or related area is required. Undergraduate coursework should comprise at least one course each from any of the following seven (7) areas prior to admission, all with a minimum grade of C:

- Discrete Structures
- Probability and Statistics
- Linear Algebra
- Programming Fundamentals
- Data Structures and Algorithms
- Operating Systems
- Internetworking
- Software Engineering
- Cybersecurity
- Database Systems
- Automata and Formal Languages
- Computer Architecture
- Programming Languages

Foreign nationals must provide proof of English proficiency with a minimum score 6.5 in IELTS or 80 on TOEFL IBT (or 550 paper based) and must have met all other admission criteria prior to registering for the first semester of courses.

Applicants must submit official transcripts of all college-level courses. Whether a student meets the above prerequisite course requirements will be determined by the division chair or designee based on the information provided in the admission application and transcripts.

Degree Requirements

The MSCS degree requires 30 credit hours (CR) of graduate work. At least 18 CR must come from 600-level courses. The 30 CR is comprised of the following components:

- Two required 600-level CS courses (6 CR):
 - CS 620 Applied Algorithms
 - CS 660 Big Data Analytics
- 12 CR from any 500- or 600-level CS courses
- 12 CR from one of the following options:
 - *Thesis option.* 6 CR from any 600-level CS elective courses and completion of 6 CR of research (CS 681) and a thesis. Students must summarize their thesis work in the form of a formal, written document and deliver an oral presentation. Thesis work is typically conducted over two semesters.
 - *Project option.* 9 CR from any 600-level CS elective courses and completion of a 3 CR of comprehensive project (CS 690) and a report. The comprehensive project option involves collecting research literature on a topic of interest in consultation with academic advisor, critically examining the literature, and summarizing the research in the form of a formal technical report. This option may also involve developing software systems. Students must deliver an oral presentation of their findings. Student selects a topic for the report in consultation with academic advisor prior to the beginning of the last semester of study. Project work requires effort equivalent to a 3 CR course and is typically completed during the last semester of study.

Plan of Study

Students are required to complete a Plan of Study form in consultation with their academic advisors before the students can begin program of study. This is usually done the week before the first day of classes of first semester.

Core Courses

- CS 620 Applied Algorithms
- CS 660 Big Data Systems

500-level Elective Courses

Any of the following courses may be used as 500-level electives:

- CS 502 Computer Architecture
- CS 504 High Performance Computing
- CS 505 Computing for Bioinformatics
- CS 510 Database Systems
- CS 540 Digital Image Processing
- CS 550 Information Retrieval
- CS 552 Natural Language Processing

600-level Elective Courses

Any of the following courses may be used as 600-level electives:

- CS 605 Software Specifications
- CS 610 Software Design
- CS 615 Software Testing
- CS 625 AI Principles and Methods
- CS 630 Machine Learning
- CS 645 Advanced Topics in Bioinformatics
- CS 650-3 Special Topics
- CS 670 Visual Analytics
- CS 685-8 Independent Study
- CS 690 Comprehensive Project
- CS 681 Thesis

COMPUTER SCIENCE, M.S.

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- Discrete Structures
- Probability and Statistics
- Linear Algebra
- Programming Fundamentals
- Data Structures and Algorithms
- Operating Systems
- Internetworking
- Software Engineering
- Cybersecurity
- Database Systems
- Automata and Formal Languages
- Computer Architecture
- Programming Languages

Foreign nationals must provide proof of English proficiency with a minimum score 6.5 in IELTS or 80 on TOEFL IBT (or 550 paper based) and must have met all other admission criteria prior to registering for the first semester of courses.

Applicants must submit official transcripts of all college-level courses. Whether a student meets the above prerequisite course requirements will be determined by the division chair or designee based on the information provided in the admission application and transcripts.

For full admission, a four-year Bachelor's degree with GPA of 2.75 or higher out of 4.0 in Computer Science, or related areas listed below is required.

- Computer Science
- Computer Engineering
- Information Technology
- Electrical Engineering
- Software Engineering

Applicants with a four-year bachelor's degree in a major not listed above may be admitted to the program with a condition of successful completion of the following three bridge courses with a grade of B or above in the first two semesters of the program:

- Data Structure and Algorithms (CS 210)
- Data Engineering (CS 410)
- Applied Probability and Statistics (STA 345)

Whether a student meets the above requirements will be determined by the division chair or designee based on the information provided in the admission application and transcripts. Foreign nationals must provide proof of English proficiency with a minimum score of 6.5 in IELTS or 80 on TOEFL IBT (or 550 paper based) and must have met all other admission criteria prior to registering for the first semester of courses.

Degree Requirements

The MSCS degree requires 30 credit hours (CR) of graduate work. At least 18 CR must come from 600-level courses. The 30 CR is comprised of the following components:

- Two required 600-level CS courses (6 CR):
 - CS 620 Applied Algorithms
 - CS 660 Big Data Analytics
- 12 CR from any 500- or 600-level CS courses
- 12 CR from one of the following options:

- *Thesis option.* 6 CR from any 600-level CS elective courses and completion of 6 CR of research (CS 681) and a thesis. Students must summarize their thesis work in the form of a formal, written document and deliver an oral presentation. Thesis work is typically conducted over two semesters.
- *Project option.* 9 CR from any 600-level CS elective courses and completion of a 3 CR of comprehensive project (CS 690) and a report. The comprehensive project option involves collecting research literature on a topic of interest in consultation with academic advisor, critically examining the literature, and summarizing the research in the form of a formal technical report. This option may also involve developing software systems. Students must deliver an oral presentation of their findings. Student selects a topic for the report in consultation with academic advisor prior to the beginning of the last semester of study. Project work requires effort equivalent to a 3 CR course and is typically completed during the last semester of study.

- Five required CS courses (15 CR):
 - CS 510 Advanced Database Systems
 - CS 511 Advanced Programming
 - CS 515 Data Mining
 - CS 600 Advanced Web Technology
 - CS 620 Applied Algorithms

Every student must take CS 510 and CS 511 in their first six hours of coursework.

- Elective Courses (15 CR)
 - Any 600 level course in master programs in the division of computer science or 500 level course with special permission by chair of the program.

Thesis option

As elective course, the thesis option offers a student an opportunity for serious investigation into an area of interest. Students must summarize their thesis work in the form of a formal written document and deliver an oral presentation. Thesis work is typically conducted over two semesters (6 CR). Thesis can be taken only after the completion of 18 credits at the minimum. Please refer to *Thesis Guideline in CS* provided by your advisor for details.

Plan of Study

Students are required to complete a Plan of Study form in consultation with their academic advisors before the students can begin program of study. This is usually done the week before the first day of classes of first semester.

Core Courses

CS 620—Applied Algorithms
CS 660—Big Data Systems

500-level Elective Courses

Any of the following courses may be used as 500-level electives:

CS 502—Computer Architecture
CS 504—High-Performance Computing
CS 505—Computing for Bioinformatics
CS 510—Database Systems
CS 540—Digital Image Processing
CS 550—Information Retrieval
CS 552—Natural Language Processing

600-level Elective Courses

Any of the following courses may be used as 600-level electives:

CS 605—Software Specifications
CS 610—Software Design
CS 615—Software Testing
CS 625—AI Principles and Methods
CS 630—Machine Learning
CS 645—Advanced Topics in Bioinformatics
CS 650-3 Special Topics
CS 670—Visual Analytics
CS 685-8 Independent Study
CS 690—Comprehensive Project
CS 681—Thesis

Semester 1

CS 510 Advanced Database Systems
CS 511 Advanced Programming
CS EL1

Semester 2

CS 515 Data Mining
CS 600 Advanced Web Technology
CS EL2

Semester 3

CS 620 Applied Algorithms
CS EL3 or *CS 681 Thesis I*
CS EL4

Semester 4

CS EL5 or *CS 682 Thesis II*

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITEDept/Division: Computer ScienceCurrent Alpha Designator/Number: CS/510Contact Person: Wook-Sung YooPhone: x5452

CURRENT COURSE DATA:

Course Title: Information Structures IIAlpha Designator/Number:



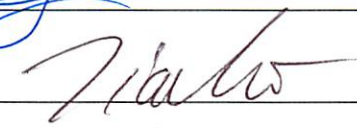

C	S	5	1	0					
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Title Abbreviation:

A	d	v	a	n	c	e	d		D	a	t	a	b	a	s	e		S	y	s	t	e	m	s
---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>Feb 22, '19</u>
Registrar <u></u>	Date <u>2-22-19</u>
College Curriculum Chair <u></u>	Date <u>2/26/19</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: CITE

Department/Division: Computer Science

Alpha Designator/Number: IS/605

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☒ YES ☐ NO

From Database Systems (limited to 30 characters and spaces)

To Advanced Database Systems

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From: To: ☐ YES ☒ NO

If Yes, Rationale

Change in COURSE NUMBER: ☐ YES ☒ NO

From: To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☒ YES ☐ NO IF YES, fill in below:

From Study of relational data model and abstract query languages, SQL, logical and physical database design, transactions, database recovery, query optimization, XML databases, issues in managing Big Data, and NewSQL systems.

To This course introduces advanced topics in database systems including distributed systems, distributed databases, Big Data, cloud service, semantic web, web services, information security & privacy, and electronic commerce.

If Yes
Rationale Technology changes rapidly and more advanced topics such as Big Data and security should be covered in graduate level database system study.

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☒ YES ☐ NO

From

Study of relational data model and abstract query languages, SQL, logical and physical database design, transactions, database recovery, query optimization, XML databases, issues in managing Big Data, and NewSQL systems.

To

This course introduces advanced topics in database systems including distributed systems, distributed databases, Big Data, cloud computing, Web services, semantic web, information security & privacy, and electronic commerce.

Rationale

Technology changes rapidly. Innovative technologies and tools in information systems will be studied in this course rather than covering more conventional concepts.

Request for Graduate Course Change-Page 4

College: CITE _____

Department: Computer Science _____

Course Number/Title IS 622/Information Structures 2 _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

N/A

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

N/A

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

N/A

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

COURSE TITLE CHANGE

Department: Computer Science

Current Course Number/Title: CS 510/Database Systems

New Course Title: Advanced Database Systems

Rationale: Technology changes rapidly and more advanced topics such as Big Data and security should be covered in graduate level database system study.

Catalog Description: This course introduces advanced topics in database systems including distributed systems, distributed databases, Big Data, cloud service, semantic web, web services, information security & privacy, and electronic commerce.

COURSE DESCRIPTION CHANGE

Department: Computer Science

Course Number and Title: CS 510/Database Systems

Rationale: Technology changes rapidly and more advanced topics such as Big Data and security should be covered in graduate level database system study.

Course Description (old)

Study of relational data model and abstract query languages, SQL, logical and physical database design, transactions, database recovery, query optimization, XML databases, issues in managing Big Data, and NewSQL systems.

Course Description: (new)

This course introduces advanced topics in database systems including distributed systems, distributed databases, Big Data, cloud service, semantic web, web services, information security & privacy, and electronic commerce.

Catalog Description:

This course introduces advanced topics in database systems including distributed systems, distributed databases, Big Data, cloud service, semantic web, web services, information security & privacy, and electronic commerce.

Request for Graduate Course Addition

1. Prepare **one** paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITEDept/Division: Computer ScienceAlpha Designator/Number: CS/511☒ Graded ☐ CR/NCContact Person: Wook-Sung YooPhone: x5452**NEW COURSE DATA:**New Course Title: Advanced ProgrammingAlpha Designator/Number:

C	S	5	1	1					
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Title Abbreviation:

A	d	v	a	n	c	e	d		P	r	o	g	r	a	m	m	i	n	g				
---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--

(Limit of 25 characters and spaces)

Course Catalog Description:

The course covers advanced topics in Python programming including the use of parallel computation and GPU acceleration and investigate how to exploit frameworks such as Hadoop and Spark.																								
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(Limit of 30 words)Co-requisite(s): NoneFirst Term to be Offered: Fall 2019Prerequisite(s): Graduate StatusCredit Hours: 3Course(s) being deleted in place of this addition (must submit course deletion form): N/A

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head [Signature]Date Feb. 22, '19Registrar [Signature] 110161Date 2-22-19College Curriculum Chair [Signature]Date 2/26/19Graduate Council Chair [Signature]Date 3/22/19

Request for Graduate Course Addition - Page 2

College: CITE

Department/Division: Computer Science

Alpha Designator/Number: CS/511

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Haroon Malik Python Programming Advanced: A Complete Guide on Python Programming for Advanced Users (November, 2016), Author: Adam Stewart, ISBN-13: 9781540616944, Ph.D. (primary)
Cong Pu, Ph.D. (secondary)
Joe Fuller, Ph.D. (secondary)

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

Not Applicable

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

Not Applicable

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

Not Applicable

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable:

Not Applicable

6. COURSE OBJECTIVES: (May be submitted as a separate document)

Please refer to the attached syllabus

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

Please refer to the attached syllabus

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

Python Programming Advanced: A Complete Guide on Python Programming for Advanced Users (November, 2016), Author: Adam Stewart, ISBN-13: 9781540616944

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

Lecture Slides

Lab

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

Midterm and Final Exam

Quiz

Homework and Lab Assignments

Programming Projects

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

Not Applicable

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

- Python Programming Advanced: A Complete Guide on Python Programming for Advanced Users (November, 2016), Author: Adam Stewart, ISBN-13: 9781540616944
- A. Chlipala. 2013. Certified Programming with Dependent Types: A Pragmatic Introduction to the Coq Proof Assistant. The MIT Press.
- Felleisen, Matthias, Robert Bruce Findler, and Matthew Flatt. 2009. Semantics Engineering with PLT Redex. The MIT Press.
- Friedman, Daniel P., and Mitchell Wand. 2008. Essentials of Programming Languages. 3rd ed. Cambridge, MA: The MIT Press.
- Pierce, Benjamin C. 2002. Types and Programming Languages. Cambridge, Mass: The MIT Press.
- Pierce, Benjamin C., ed. 2004. Advanced Topics in Types and Programming Languages. Cambridge, Mass: The MIT Press.

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:
Course Number and Title:
Catalog Description:
Prerequisites:
First Term Offered:
Credit Hours:

Department: Computer Science
Course Number and Title: CS 511 Advanced Programming
Catalog Description: The course covers advanced topics in Python programming including the use of parallel computation and GPU acceleration and investigate how to exploit frameworks such as Hadoop and Spark.
Prerequisite: Graduate status
First year offered: Fall 2019
Credit Hours: 3

CS 511 Course Syllabus

Marshall University

Syllabus

Course Title/Number	Advance Programming/ CS 511
Semester/Year	Fall/2019
Days/Time	TBD
Location	TBD
Instructor	Joe Fuller, Ph.D.
Office	WAEC 3101A
Phone	XXXX
E-Mail	fuller@marshall.edu
Office/Hours	TBD
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/?page_id=802 Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

Course Description

Advanced techniques for improving the performance of Python programs, including the use of parallel computation and GPU acceleration and investigate how to exploit frameworks such as Apache Hadoop and Apache Spark.

Course Student Learning Outcomes

Upon successful completion of the course, students will be able to

- OC1: Apply advanced techniques for improving the performance of the programs (a,ck)¹
- OC2: Identify and resolve syntax, logical, and runtime errors using analytical and active debugging techniques. (b,i)¹
- OC3: Learn to work with frameworks such as Apache Hadoop and Apache Spark (a,b)¹

Course Student Learning Outcomes	How students will practice each outcome	How student achievement of each outcome will be assessed in this course
OC1 Experiment with developing GPU accelerated Python applications	class lab exercises	Demonstrating Projects
OC2. Learn and apply programming techniques to manipulate data from databases and web repositories	In class lab exercises In class examples	Graded exam problems

OC3. Develop Python applications that utilize big data services such as Hadoop and Spark

In class lab exercises
In class examples
Ungraded homework assignments

Graded exam problems

Required Texts, Additional Reading, and Other Materials

Required Text

Python Programming Advanced: A Complete Guide on Python Programming for Advanced Users (November, 2016)

Author: Adam Stewart

ISBN-13: 9781540616944

Additional Reading

Other Materials

Python web site

www.python.org

SciPy web site

www.scipy.org

Wing Integrated Development Environment

wingware.com/downloads/

Course Requirements / Due Dates

Exams must be taken in class on the scheduled dates. Only Marshall University Excused Absences will be accepted. See the Course Schedule section below for the dates of the exams.

Grading Policy

<i>Activity</i>	<i>Weight</i>
Attendance	10%
Group Project	25%
Midterm	30%
Final Exam	35%

The course grade will be awarded based on the following scheme:

Score	Letter Grade
≥ 90	A
≥ 80 & < 90	B
≥ 70 & < 80	C
≥ 60 & < 70	D
< 60	F

Attendance Policy

It is expected for students to attend all classes. Only University-excused absences will be accepted.

Attendance accounts for 10% of the overall course grade. Every class you miss, there will be a penalty of 2 marks.

CS 511 Course Syllabus

Course Schedule (subject to change)

Week	Topics
1	Working with Shell
2	Version Control
3	Python Performance Tips
4	Effective Code Reviews
5	The itertools Module
6	Python Performance Tuning
7	Cython
8	Numba
9	Python Concurrency
10	Parallel Programming 1
11	Python for GPUs
12	BigData with PySpark

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITEDept/Division: Computer ScienceAlpha Designator/Number: CS/600☒ Graded ☐ CR/NCContact Person: Wook-Sung YooPhone: x5452**NEW COURSE DATA:**New Course Title: Advanced Web TechnologyAlpha Designator/Number:

C	S	6	0	0					
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Title Abbreviation:

A	d	v	a	n	c	e	d		W	e	b		T	e	c	h	n	o	l	o	g	y		
---	---	---	---	---	---	---	---	--	---	---	---	--	---	---	---	---	---	---	---	---	---	---	--	--

(Limit of 25 characters and spaces)

Course Catalog Description:
(Limit of 30 words)

This course introduces modern web technologies and covers the concepts, practices, and technologies to design, develop, and manage scalable, reliable and secure web applications using client side and server side programming, mobile technology, web services, rest services, and cloud service that are accessible to a large number of users.

Co-requisite(s): NoneFirst Term to be Offered: Fall 2019Prerequisite(s): Graduate StatusCredit Hours: 3Course(s) being deleted in place of this addition (must submit course deletion form): N/A

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u>[Signature]</u>	Date <u>Feb. 22, '19</u>
Registrar <u>[Signature]</u> <u>110101</u>	Date <u>2-22-19</u>
College Curriculum Chair <u>[Signature]</u>	Date <u>2/26/19</u>
Graduate Council Chair <u>[Signature]</u>	Date <u>3/22/19</u>

Request for Graduate Course Addition - Page 2

College: CITE

Department/Division: Computer Science

Alpha Designator/Number: CS/600

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Wook-Sung Yoo, Ph.D. (primary)
Brent Maynard, Ph.D. (secondary)

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

Not Applicable

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

Not Applicable

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

Not Applicable

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable:

Not Applicable

6. COURSE OBJECTIVES: (May be submitted as a separate document)

Please refer to the attached syllabus

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

Please refer to the attached syllabus

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

Miller, Joseph B. (2014) Internet Technologies and Information Services (2nd edition). Westport, CT: Libraries Unlimited, ISBN 978-1-61069-473-5.

Joel Murach, Murach's PHP and MySQL, 2nd Ed, 2014, ISBN 978-1-890774-79-0, ISBN-10: 9781890774790

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

Lecture

Lab

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

Midterm and Final Exam
Homework and Lab Assignments
Projects

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

Not Applicable

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

Miller, Joseph B. (2014) Internet Technologies and Information Services (2nd edition). Westport, CT: Libraries Unlimited, ISBN 978-1-61069-473-5.

Joel Murach, Murach's PHP and MySQL, 2nd Ed, 2014, ISBN 978-1-890774-79-0, ISBN-10: 9781890774790

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:
Course Number and Title:
Catalog Description:
Prerequisites:
First Term Offered:
Credit Hours:

Department: Computer Science
Course Number and Title: CS 600 Advanced Web Technology
Catalog Description: This course introduces modern web technologies and covers the concepts, practices, and technologies to design, develop, and manage scalable, reliable and secure web applications using client side and server side programming, mobile technology, web services, rest services, and cloud service that are accessible to a large number of users.
Prerequisite: Graduate status
First year offered: Fall 2019
Credit Hours: 3

CS600

Course Title/Number	Advanced Web Technology/CS600
Semester/Year	
Days/Time	TBD
Location	TBD
Instructor	Wook-Sung Yoo
Office	WAEC 3101A
E-Mail	yoow @marshall.edu
Office Hours	By appointment
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/ . Academic Dishonesty/Excused Absence Policy for Undergraduates/Computing Services Acceptable Use/Inclement Weather/Dead Week/Students with Disabilities/Academic Forgiveness/Academic Probation and Suspension/Academic Rights and Responsibilities of Students/Affirmative Action/Sexual Harassment

Course Description

This course introduces modern web technologies and covers the concepts, practices, and technologies to design, develop, and manage scalable, reliable and secure web applications using client side and server side programming, mobile technology, web services, rest services, and cloud service that are accessible to a large number of users.

Course Student Learning Outcomes

Upon successful completion of the course, students will be able to

- OC1: design user friendly websites with different technology and services (c, d, g)
- OC2: implement client based application using CSS and HTML and demonstrate good designs practices (b, c, d, g)
- OC3: implement various interactive elements using server side scripting with database (d, g, k)

Course Student Learning Outcomes	How Practiced in this Course	How Assessed in this Course
OC1	Lectures & Labs	Exam, Homework & Group Project
OC2	Lectures & Labs	Exam, Homework & Group Project
OC3	Lectures & Labs	Exam & Group Project

Required Texts, Additional Reading, and Other Materials

- Miller, Joseph B. (2014) Internet Technologies and Information Services (2nd edition). Westport, CT: Libraries Unlimited, ISBN 978-1-61069-473-5.
- Murach's PHP and MySQL, 2nd Edition 2nd Edition by Joel Murach (Author), Ray Harris (Author), ISBN 978-1890774790

Course Schedule

Week	Dates	Topics	Assignments
1	TBD	Introduction to Web Technology	Lab 1
2		HTML/CSS & Graphic Elements	Lab 2, HW1
3		Web Design & Page Layout	Lab 3, HW2
4		Intro to PHP and Web Development	
5		Programming in PHP	Lab 4
6		Intro to MySQL	Lab 5, HW3
7		Exam 1	
8		Using PHP and MySQL	Lab 6
9		Using PHP to build Web forms	Lab 7
10		SQL and MySQL	HW4
11		PHP Functions	Lab 8
12		Spring Break	HW5
13		PHP Objects and MVC	Lab 9
14		Project rendering and deployment	
15		Web service	Lab 10
16		Dead Week	
		Final Exam	

Note: Schedule can be changed based on discussion between instructor and students

Grading Policy	
Activity	Points
In Class Labs	50
Exam-1	100
Exam-2	100
Total	250

Scale	
Score	Grade
90 & Above	A
80 - 89	B
70 - 79	C
60 - 69	D
59 & Below	F

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Attendance Policy, Participation, and Decorum

Students are expected to attend and participate in every class. After three unexcused absences, your grade will be decreased by one letter grade. Students who are absent more than 7 classes will get "F". Coming late to class or leaving the class early without permission is considered absent. Students are also expected to maintain a certain level of decorum that includes turning off (or silencing) cell phones, arriving to class on time, not sleeping during class, and keeping side conversations to a minimum.

Lab Assignments

Lab assignment is an important part of your study and grade. There will be lab assignments that accounts for 50 points in your final grade. You are expected to review and practice the sections of the textbook before the class following the class schedule. Each lab assignment description will be displayed before the start of the one-hour lab session and students should complete the lab assignment before the end of the class and upload them to MUOnline. It is student's job to learn how to use MUOnline and only the assignment properly uploaded to MUOnline will be graded. No late submission is allowed (no email submission will be taken) and no make-up even though you have medical excuse.

Homework

There will be a series of homework to help you understand the concepts presented in the text and the lecture slides.

Exams

There will be two exams. Closed or Open book in-class test.

Exam Attendance Policy

Students are required to take exams at the scheduled class period. Students may take an exam at a different time under one of the following conditions:

- They present a University Excused Absence
- They present a valid medical excuse
- Other extraordinary circumstance as determined by the instructor

Academic Conduct

You are allowed and encouraged to work with other students on the completion of these assignments, subject to the following constraints:

- copying someone else's work and submitting it as your own is plagiarism and will not be tolerated
- you may work with others to develop a solution to a problem but the material you submit must be your own work and you must acknowledge your collaborators
- unless designated as a team exercise, you may not sub-divide the tasks of an assignment; each student is expected to complete the whole assignment

It is your responsibility to satisfy the spirit of this conduct. If you have any questions, please ask the instructor for clarification. Depending on the severity of the offense, the instructor may:

- Take no action
- Penalize the student on the assignment in question
- Assign the student a failing grade in the course

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITEDept/Division: Computer ScienceAlpha Designator/Number: CS/601☒ Graded ☐ CR/NCContact Person: Wook-Sung YooPhone: x5452**NEW COURSE DATA:**New Course Title: The Internet of ThingsAlpha Designator/Number:

C	S	6	0	1					
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Title Abbreviation:

T	h	e		I	n	t	e	r	n	e	t		o	f		T	h	i	n	g	s			
---	---	---	--	---	---	---	---	---	---	---	---	--	---	---	--	---	---	---	---	---	---	--	--	--

(Limit of 25 characters and spaces)

Course Catalog Description: This course covers the Internet of Things (IoT) Technologies. The course includes advanced topics in wireless networking technologies, mobile networks, software and hardware design for IoT applications and systems. In addition, this course offers advanced topics in cybersecurity.

(Limit of 30 words)

Co-requisite(s): NoneFirst Term to be Offered: Fall 2019Prerequisite(s): Graduate StatusCredit Hours: 3Course(s) being deleted in place of this addition (must submit course deletion form): N/A

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head Date Feb. 22, '19Registrar  116101Date 2-22-19College Curriculum Chair Date 2/26/19Graduate Council Chair Date 3/22/19

Request for Graduate Course Addition - Page 2

College: CITE

Department/Division: Computer Science

Alpha Designator/Number: CS/601

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Wook-Sung Yoo, Ph.D. (primary)
Edward Aractingi, Ph.D. (secondary)
Husnu Narman, Ph.D. (secondary)

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

Not Applicable

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

Not Applicable

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

Not Applicable

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable:

Not Applicable

6. COURSE OBJECTIVES: (May be submitted as a separate document)

Please refer to the attached syllabus

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

Please refer to the attached syllabus

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

Arshdeep Bahga and Vijay Madisetti, Internet of Things (A Hands-on-Approach), 1st Edition, VPT, 2014, ISBN 978-0-99-602551-5

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

Lecture
Lab
Discussion Boards

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

Midterm and Final Exam
Homework
Term Project

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

Not Applicable

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

Arshdeep Bahga and Vijay Madisetti, Internet of Things (A Hands-on-Approach), 1st Edition, VPT, 2014, ISBN 978-0-99-602551-5

Hakim Chaouchi, Internet of Things: Connecting Objects, 1st Edition, Wiley-ISTE, 2010, ISBN 978-1-84-821140-7

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

Department: Computer Science

Course Number and Title: CS 601 The Internet of Things

Catalog Description: This course covers the Internet of Things (IoT) Technologies. The course includes advanced topics in wireless networking technologies, mobile networks, software and hardware design for IoT applications and systems. In addition, this course offers advanced topics in cybersecurity.

Prerequisite: Graduate status

First year offered: Fall 2019

Credit Hours: 3

CS601 The Internet of Things

Course Title/Number	The Internet of Things/601
Semester/Year	Fall/2019
Days/Time	W/4:30pm - 6:50pm
Location	Weisberg Applied Engineering Complex Room 2121
Instructor	Dr. Edward Aractingi, PhD.
Office	DL 305
Phone	304-696-3900
E-Mail	aractingi1@marshall.edu
Office Hours	by appointment

University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/ . Academic Dishonesty/Excused Absence Policy for Undergraduates/Computing Services Acceptable Use/Inclement Weather/Dead Week/Students with Disabilities/Academic Forgiveness/Academic Probation and Suspension/Academic Rights and Responsibilities of Students/Affirmative Action/Sexual Harassment
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Course Description

This course covers the Internet of Things (IoT) Technologies. The course includes advanced topics in wireless networking technologies, mobile networks, software and hardware design for IoT applications and systems. In addition, this course offers advanced topics in cybersecurity.

Course Student Learning Outcomes

Upon successful completion of the course, students will be able to

- OC1: have a better understanding of IoT taxonomy and its underlying technologies
- OC2: experience with IoT development tools, to become more experienced in using cloud services and small devices like Arduino and Raspberry PI with different kind of sensors
- OC3: work as a team to design and develop IoT project using IoT development tools with security and privacy aware features

Course Student Learning Outcomes	How students will practice each outcome	How student achievement of each outcome will be assessed in this course
OC1: have a better understanding of IoT taxonomy and its underlying technologies	Lecture Graded homework problems	Graded homework problems
OC2: experience with IoT	Lab exercises	Graded term projects

development tools, to become more experienced in using cloud services and small devices like Arduino and Raspberry PI with different kind of sensors	Graded homework problems Graded term projects	Graded homework problems
OC3: work as a team to design and develop IoT project using IoT development tools with security and privacy aware features	In-class activities Graded term projects	Graded exam problems Graded term projects

Required Texts, Additional Reading, and Other Materials

Required Text

Arshdeep Bahga and Vijay Madisetti, *Internet of Things (A Hands-on-Approach)*, 1st Edition, VPT, 2014, ISBN 978-0-99-602551-5

Suggested Supplemental Reading

Hakim Chaouchi, *Internet of Things: Connecting Objects*, 1st Edition, Wiley-ISTE, 2010, ISBN 978-1-84-821140-7

Additional Reading

None

Course Requirements/Due Dates

Homeworks	There will be homework assignments every
Midterm Exam	There will be two interim exams. Part A of each exam will consist of questions from the quizzes. Part B will have questions similar to the homework problems.
Final Exam	The final exam will follow the same format and will include some problems similar to those in the first two exams.

Additional Activities

Reading Assignments These assignments will be from the course textbook.

Grading Policy

Activity	Weight
Attendance and Participation	10%
Homework	20%
Term Project	20%
Midterm	25%
Final Exam	25%

Course grades are based on the following scheme:

Score	Letter Grade
≥ 90	A
$\geq 80 \text{ \& } < 90$	B
$\geq 70 \text{ \& } < 80$	C
$\geq 60 \text{ \& } < 70$	D
< 60	F

Attendance Policy

Attendance is required. Only University Excused Absences will be accepted. Attendance and participation counts for 10% of the overall course grade.

If #of missing class > 3 , lose 10 points, except for university excused absences (student affairs).

Other Policies

Cellphone use: students should turn off/mute their cellphones during class and exams.

Computer use: students can use computers/laptops for calculations, completing lab exercises and/or homework problems, course materials downloading, assignment uploading, and searching course related contents. Browsing news or using social media during class is not permitted.

Deadlines and Dues: the deadlines for homework assignments, labs, and projects are hard deadlines. There will be no extensions.

Course Schedule

If there are changes an updated schedule will be posted on the Blackboard course shell.

Week	Subject
1	Aug 22: Introduction to Internet of Things
2	Aug 29: Use Cases, domain, challenges
3	Sep 5: Architecture, protocols, python
4	Sep 12: Devices, connectivity, Cloud
5	Sep 11: Amazon, Azure and IBM Bluemix
6	Sep 26: Project Specifications, planning and configuration
7	Oct 3: introduction to IoT security and privacy
8	Oct. 10 Midterm Exam
9	Oct. 17 Cybersecurity Overview
10	Oct. 24 Term Project Proposal Presentation (Proposal Due)
11	Oct. 31: Security and Privacy Issues in IoT
12	Nov. 07: Privacy-Aware Computing
13	Nov. 14: Domain Specific Topic: Home Automation Systems
14	Nov. 21: NO CLASS
15	Nov. 28: Domain Specific Topic: Smart Grid Systems
16	Dec. 05: "Deadweek" Term Project Presentations and Evaluation
17	Dec. 12: Final Exam

The final exam is scheduled on Wednesday, December 12, 2017, from 4:30pm to 6:50pm.

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITEDept/Division: Computer ScienceAlpha Designator/Number: CS/602☒ Graded ☐ CR/NCContact Person: Wook-Sung YooPhone: x5452**NEW COURSE DATA:**New Course Title: Cloud ComputingAlpha Designator/Number:

C	S	6	0	2					
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Title Abbreviation:

C	I	O	U	D		C	O	M	P	U	T	I	N	G					
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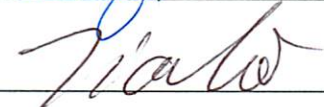

(Limit of 25 characters and spaces)

Course Catalog Description: Study of emerging and advanced topics in Cloud Computing including theory and application development in cloud and understand the ways of increasing quality of services for hosted applications.

(Limit of 30 words)

Co-requisite(s): NoneFirst Term to be Offered: Fall 2019Prerequisite(s): Graduate StatusCredit Hours: 3Course(s) being deleted in place of this addition (must submit course deletion form): N/A

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>Feb. 22, '19</u>
Registrar <u></u> <u>116101</u>	Date <u>2-22-19</u>
College Curriculum Chair <u></u>	Date <u>2/26/19</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Addition - Page 2

College: CITE

Department/Division: Computer Science

Alpha Designator/Number: CS/602

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Husnu Narman, Ph.D. (primary)

Cong Pu, Ph.D. (secondary)

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

Not Applicable

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

Not Applicable

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

Not Applicable

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable:

Not Applicable

6. COURSE OBJECTIVES: (May be submitted as a separate document)

Please refer to the attached syllabus

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

Please refer to the attached syllabus

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

Distributed and Cloud Computing From Parallel Processing to the Internet of Things (October 31, 2011)

Author: Kai Hwang, Jack Dongarra , and Geoffrey Fox

ISBN: 978-0123858801

Reliable Distributed Systems: Building High-Assurance Applications and Cloud-Hosted Service (February 23, 2014)

Author: Kenneth P Birman;

ISBN: 978-1447158424

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

Lecture Slides

Assignments and exams

Discussion Boards

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

Midterm and Final Exam
Homework and Lab
Final Project

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

Not Applicable

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

Kai Hwang, Jack Dongarra , and Geoffrey Fox; Distributed and Cloud Computing From Parallel Processing to the Internet of Things - ISBN: 978-0123858801

Kenneth P Birman; Reliable Distributed Systems: Building High-Assurance Applications and Cloud-Hosted Service - ISBN: 978-1447158424

Dan C. Marinescu; Cloud Computing Theory and Practice - ISBN: 978-0128128107

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

Department: Computer Science

Course Number and Title: CS 602 Cloud Computing

Catalog Description: Study of emerging and advanced topics in Cloud Computing including theory and application development in cloud and understand the ways of increasing quality of services for hosted applications.

Prerequisite: Graduate status

First year offered: Fall 2019

Credit Hours: 3

CS 602 Cloud Computing

Course Title/Number	Cloud Computing/602
Semester/Year	Fall/2019
Days/Time	TBD
Location	TBD
Instructor	Dr. Husnu Narman
Office	WAEC 3107
Phone	X5829
E-Mail	narman@marshall.edu
Office Hours	TBD
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/ . Academic Dishonesty/Excused Absence Policy for Undergraduates/Computing Services Acceptable Use/Inclement Weather/Dead Week/Students with Disabilities/Academic Forgiveness/Academic Probation and Suspension/Academic Rights and Responsibilities of Students/Affirmative Action/Sexual Harassment

Course Description

Study of emerging and advanced topics in Cloud Computing including theory and application development in cloud and understand the ways of increasing quality of services for hosted applications.

Course Student Learning Outcomes

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
Understanding Basic Cloud Computing concepts	Group discussions	Graded homework assignments
Understanding Advanced topic such as Recovery, Fault Tolerance and Security Issues in Cloud	Homework Assignments, Group discussions	Graded exam problems Graded homework assignments
Understanding and developing Cloud based application.	Homework, In class examples, Group discussions	Graded exam problems Graded homework assignments

Required Texts, Additional Reading, and Other Materials**Required Text**

Kai Hwang, Jack Dongarra, and Geoffrey Fox; Distributed and Cloud Computing From Parallel Processing to the Internet of Things (October 31, 2011) - ISBN: 978-0123858801

Other Materials

Kenneth P Birman; Reliable Distributed Systems: Building High-Assurance Applications and Cloud-Hosted Service (February 23, 2014) - ISBN: 978-1447158424

Dan C. Marinescu; Cloud Computing Theory and Practice (November 27, 2017) - ISBN: 978-0128128107

Course Requirements / Due Dates**Midterm Examinations**

Midterm exam is during regular class hours in Week 8.

Homework Assignments

Homework problems will be assigned bi-weekly (starting from week 2)

Attendance Policy

Missing more than 3 classes will result in a 10 points reduction from your final grade.

Grading Policy

Activity	Points
Attendance	10
Midterm Exam	30
Homework Assignments	30
Final Exam	30
Total	100

Course grades are awarded based on the following scheme:

Score	Letter Grade
≥ 90	A
$\geq 80 \text{ \& } < 90$	B
$\geq 70 \text{ \& } < 80$	C
$\geq 60 \text{ \& } < 70$	D
< 60	F

Course Schedule

This is the list of topics. This could be adjusted as the semester progresses at the discretion of the instructor. Lecture slides will be posted to MUOnline.

Week	Schedule
1	Intro to Cloud
2	Distributed System Models and Enabling Technologies
3	Deployment Models and Service Types
4	IaaS and Virtualizations (Example Azure VM)
5	PaaS (Example Azure DevOps)
6	PaaS Techniques: File System (Example GFS and HDFS)
7	PaaS Techniques: Programming Model (Example Map Reduce and Pregel)
8	PaaS Techniques: Storage (Example: Big Table and HBase: Theorem: CAP, Raft)
9	Midterm exam
10, 11	Unstructured/Semi-Structured Data organization: NoSQL (Example MongoDB)
12, 13	SaaS and SaaS Techniques (Example Salesforce and eyeOS cases)
14	Thanks Giving
15	Security, Law and Standards in Cloud

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITE

Dept/Division: Computer Science

Current Alpha Designator/Number: CS/698

Contact Person: Wook-Sung Yoo

Phone: x5452

CURRENT COURSE DATA:

Course Title: Internship

Alpha Designator/Number:

C S 6 9 8

Title Abbreviation:

I n t e r n s h i p

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head *Wook-Sung Yoo*Date Feb. 22, '19Registrar *Spencer J. [Signature]*Date 2-22-19College Curriculum Chair *Nia [Signature]*Date 2/26/19Graduate Council Chair *Sam Newell*Date 3-22-19

College: CITE Department/Division: Computer Science Alpha Designator/Number: IS/605

Change in CATALOG TITLE: ☐ YES ☒ NO

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From:

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 To

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☐ YES ☒ NO

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From:

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 To:

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From ☐ Grade To ☐ Credit/No Credit

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From	
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To	
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Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☒ YES ☐ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From No credit for graduation (degree requirement)

To Internship course (1 - 3 credits) counted for graduation.

Change in COURSE CONTENT: ☐ YES ☒ NO

From Supervised work experience in information systems or related fields. No credit counted for graduation

To Supervised work experience in information systems or related fields. Internship course (1 - 3 credits) counted for graduation.

Rationale International students can apply for working permit (CPT) using credited internship course only (new immigration law) and this change will allow international students to have an off-campus internship experience.

Request for Graduate Course Change-Page 4

College: CITE

Department: Computer Science

Course Number/Title CS698 Internship

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

N/A

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

N/A

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

N/A

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

COURSE DESCRIPTION CHANGE

Department: Computer Science

Course Number and Title: CS698/Internship

Rationale: International students can apply for working permit (CPT) using credited internship course only (new immigration law) and this change will allow international students to have an off-campus internship experience.

Course Description (old)

Supervised work experience in information systems or related fields. No credit counted for graduation

Course Description: (new)

Supervised work experience in information systems or related fields. Internship course (1 - 3 credits) counted for graduation.

Catalog Description:

Supervised work experience in information systems or related fields. Internship course (1 - 3 credits) counted for graduation.

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: CITE

Dept/Division: Computer Science

Current Alpha Designator/Number: CS/698

Contact Person: Wook-Sung Yoo

Phone: x5452

CURRENT COURSE DATA:

Course Title: Internship

Alpha Designator/Number:

C	S	/	6	9	8				
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Title Abbreviation:

I	n	t	e	r	n	s	h	i	p										
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1. Complete this five page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head _____	Date _____
Registrar _____	Date _____
College Curriculum Chair _____	Date _____
Graduate Council Chair _____	Date _____

College: CITE Department/Division: Computer Science Alpha Designator/Number: IS/605

Change in CATALOG TITLE: ☐ YES ☒ NO

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From:

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 To

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☐ YES ☒ NO

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From:

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 To:

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From Grade To Credit/No Credit

☐ YES ☒ NO

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Request for Graduate Course Change - Page 3

Change in **COURSE CREDIT HOURS**: ☒ YES ☐ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From No credit for graduation

To Internship course (1 - 6 credits) counted for graduation.

Change in **COURSE CONTENT**: ☐ YES ☒ NO

From Supervised work experience in computer science or related fields. No credit counted for graduation

To Supervised work experience in computer science or related fields. Internship course (1 - 6 credits) counted for graduation.

Rationale International students can apply for working permit (CPT) using credited internship course only (new immigration law) and this change will allow international students to have an off-campus internship experience.

Request for Graduate Course Change-Page 4

College: CITE

Department: Computer Science

Course Number/Title CS 698/Internship

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

N/A

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

N/A

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

N/A

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

COURSE DESCRIPTION CHANGE

Department: Computer Science

Course Number and Title: CS 698/Internship

Rationale: International students can apply for working permit (CPT) using credited internship course only (new immigration law) and this change will allow international students to have an off-campus internship experience.

Course Description (old)

Supervised work experience in computer science or related fields. No credit counted for graduation

Course Description: (new)

Supervised work experience in computer science or related fields. Internship course (1 - 3 credits) counted for graduation.

Catalog Description:

Supervised work experience in computer science or related fields. Internship course (1 - 6 credits) counted for graduation.

Request for Graduate Addition, Deletion, or Change of a Certificate

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

NOTE: If proposing a new certificate, please read this first: www.marshall.edu/graduate/graduatecouncil/certificatespolicy/certificatepolicy.pdf

College: COEPD

Dept/Division: Curriculum and Instruction

Contact Person: Kimberly McFall

Phone: 304.746.8975

Name of Certificate School Library Media

Check action requested: ☐ Addition ☐ Deletion ☒ ChangeEffective Term/Year Fall 20 ☐ Spring 20 ☐ Summer 20 ☐ 19

SGC
1/29/19

Information on the following pages must be completed before signatures are obtained.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u><i>Lori Howard</i></u>	Date <u>1/29/19</u>
College Curriculum Chair <u><i>Andrew Burck</i></u> <div style="text-align: right;"><i>Andrew Burck</i></div>	Date <u>1/29/19</u>
College Dean <u><i>Veresa Cagle</i></u>	Date <u>1-30-19</u>
Graduate Council Chair <u><i>Lori Howard</i></u>	Date <u>3/22/19</u>
Provost/VP Academic Affairs _____	Date _____
Presidential Approval _____	Date _____

Request for Graduate Addition, Deletion, or Change of a Certificate-Page 2

Please provide a rationale for addition, deletion, change:

The addition of Curating Library Materials for Children is needed in the program to teach candidates how to curate school library collections specifically for children. The course will address the American Association of School Librarians national program standards through collection development using materials for children and professional guidelines that address library needs assessment and curriculum alignment of the school library collection. In the course, the modules are designed to encourage collaboration with other library professionals both in the school and public libraries to utilize best practices in relation to the population that is being served.

The course is being develop as a result to of our SPA report feedback that states there is limited evidence of assessment of networking with the library community. There is limited evidence that candidates are required to network with the larger library community.

Please describe any changes in curriculum:

List course number, title, credit hours. Note whether each course is required or optional. Enter NONE if no change.

CIRG 613 Children's Literature (3) will be replaced with ITL 504 Curating Library Materials for Children (3)

1. ADDITIONAL RESOURCE REQUIREMENTS: If your program requires additional faculty, equipment or specialized materials to ADD or CHANGE this certificate, attach an estimate of the time and money required to secure these items.

NOTE: Approval of this form does not imply approval for additional resources. Enter NONE if not applicable.

None

2. NON-DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the request and any response received from them. Enter NONE if not applicable.

this is an existing graduate certificate and the change does not create duplication

For catalog changes as a result of the above actions, please fill in the following pages.

Request for Graduate Addition, Deletion, or Change of a Certificate-Page 3

3. *Current Catalog Description*

Insert the *Current* Catalog Description and page number from the latest catalog for entries you would like to change.

May attach separate page if needed)

See attached

4. *Edits to the Current Description*

Attach a PDF copy of the current catalog description prepared in MS WORD with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

5. *New Catalog Description*

Insert a 'clean' copy of your proposed description, i.e., no strikethroughs or highlighting included. This should be what you are proposing for the new description. (May attach separate page if needed).

See attached

Request for Graduate Addition, Deletion, or Change of a Certificate-Page 4

Please insert in the text box below your change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Name of Certificate:

Credit Hours:

Type of Change: *(addition, deletion, change)*

Rationale:

Department: Curriculum and Instruction

Area of Emphasis Title: School Library Media

Type of Change Requested: Addition

Term to Take Effect: Summer 2019

Rationale: needed to strength teacher candidate skills in collection development and collection curation for children

Request for Graduate Addition, Deletion, or Change of Area of Emphasis-Page 1

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one PDF copy without signatures to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COEPD

Dept/Division: Curriculum and Instruction

Contact Person: Kimberly McFall

Phone: 304.746.8975

Action Requested

Check action requested: ☒ Addition ☐ Deletion ☒ Change

Degree Program MA Education

Area of Emphasis School Library Media

Effective Term/Year Fall 20 ☐ Spring 20 ☐ Summer 20 ☐ 19

Notifications
College Council

Attach a copy of written notification regarding this curriculum request to the following:

1. Statement of Non-Duplication: If this area of emphasis will be similar in title or content to an existing area of emphasis, please send a memo to the affected department/division and include a copy with this packet as well as the response received from the affected department.
2. If your department/division requires additional faculty, equipment, or specialized materials, attach an estimate of cost and time required to secure these items.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u>Janis L. Allen</u>	Date <u>1/29/19</u>
Registrar <u>Soyoung</u>	Date <u>1/29/19</u>
College Curriculum Chair <u>Andrew Burck</u>	Date <u>1/28/19</u>
College Dean <u>Veressa Eagle</u>	Date <u>1-30-19</u>
Graduate Council Chair <u>Lori Howard</u>	Date <u>3/22/19</u>
Provost/VP Academic Affairs _____	Date _____
President _____	Date _____

Request for Graduate Addition, Deletion, or Change of a Certificate-Page 2

1. Please provide a rationale for addition, deletion, change:

The addition of Curating Library Materials for Children is needed in the program to teach candidates how to curate school library collections specifically for children. The course will address the American Association of School Librarians national program standards through collection development using materials for children and professional guidelines that address library needs assessment and curriculum alignment of the school library collection. In the course, the modules are designed to encourage collaboration with other library professionals both in the school and public libraries to utilize best practices in relation to the population that is being served.

The course is being develop as a result to of our SPA report feedback that states there is limited evidence of assessment of networking with the library community. There is limited evidence that candidates are required to network with the larger library community

2. Please describe any changes in curriculum:

Course number, title, credit hours. Note whether each course is required or optional. Enter NONE if no change.

CIRG 613 Children's Literature (3) will be replaced with ITL 504 Curating Library Materials for Children (3)

3. **Additional Resource Requirements:** If your program requires additional faculty, equipment or specialized materials to ADD or CHANGE this Area of Emphasis attach an estimate of the time and money required to secure these items. May attach separate page if needed

NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

no additional resources are requested

4. **NON-DUPLICATION:**

If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the request and any response received from them.

Enter NONE if not applicable.

this is an existing graduate certificate and the change does not create duplication

For catalog changes as a result of the above action, please fill in the following pages.

Request for Graduate Addition, Deletion, or Change of a Certificate-Page 3

5. **Current Catalog Description**

Insert the *Current* Catalog Description and page number from the latest catalog for entries you would like to change.
(May attach separate page if needed)

See attached

6. **Edits to the Current Description**

Attach a PDF copy of the current catalog description prepared in MS Word with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

7. **New Catalog Description**

Insert a 'clean' copy of your proposed description, i.e., no strikethroughs or highlighting included. This should be what you are proposing for the new description. (May attach separate page if needed)

See attached

Request for Graduate Addition, Deletion, or Change of a Certificate-Page 4

Please insert in the text box below your Area of Emphasis change information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Area of Emphasis Title:

Credit Hours:

Type of Change Requested: *(addition, deletion, change)*

Term to Take Effect: *(Fall, Spring, Summer/Year)*

Rationale:

Department: Curriculum and Instruction

Area of Emphasis Title: School Library Media

Type of Change Requested: Addition

Term to Take Effect: Summer 2019

Rationale: needed to strength teacher candidate skills in collection development and collection curation for children

Request for Graduate Non-Curricular Changes

PLEASE USE THIS FORM FOR ALL NON-CURRICULAR CHANGE REQUESTS (changes in admission requirements or requirements for graduation, changes in existing or new policies/procedures, changes in program descriptions in catalog, general language changes in catalog).

SIGNATURES may not be required, depending on the nature of the request and from where it originates. Consult Graduate Council Chair.

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COEPD Dept/Division: Literacy Education Program

Contact Person: Barbara O'Byrne Phone: 61986

Rationale for Request:

The purpose of the proposed changes to the language of Program Descriptions and Admission Requirements for programs in Literacy Education is to clarify the nature and scope of each program and make more consistent the conditions for admission to these programs. The West Virginia Department of Education no longer requires a PRAXIS test for the reading endorsement.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.
NOTE: all requests may not require all signatures.

Department/Division Chair Barbara O'Byrne Date Jan. 22, 2019
Summer 2019

Registrar Sox AC Date 1-25-19

College Curriculum Committee Chair AB Date _____
(or Dean if no college curriculum committee)

Graduate Council Chair [Signature] Date 1-25-19

NOTE: please complete information required on the following pages before obtaining signatures above.

Lani Havaul
GC Chair

3/22/19

Request for Graduate Non-Curricular Changes – Page 2

1. **Current Catalog Description (if applicable):** Please insert the catalog description from the current catalog for entries you would like to change.

LITERACY EDUCATION, M.A.

Program Description

The Master of Arts in Literacy Education consists of six foundation courses, four advanced courses, two of which are practicum experiences, for a total of 36 credit hours.

Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission In addition, applicants must have:

- An undergraduate Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale for all previously completed undergraduate university work
- A valid WV teaching certificate

ADDITIONAL LITERACY ENDORSEMENTS AND CERTIFICATES FOR TEACHERS

Teachers who want to add another teaching endorsement may do so by completing the course requirements and performance assessments, and the appropriate PRAXIS II test. The program offers two certificate programs that support literacy education. Programs marked with an asterisk (*) may be used as endorsements for teaching reading. Programs marked with a plus sign (+) may be used as graduate certificates.

Certificate Program Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission In addition, applicants must have:

- An undergraduate degree in education from a regionally accredited college or university; and
- A valid WV teaching certificate

***Literacy Specialist (24 Hours)**

Admission to this program is suspended.

***Literacy Education (18 hours)**

The Literacy Education Certificate is intended for educators who hold an initial teaching license and wish to become highly qualified literacy educators. It consists of six courses, with embedded field-experiences.

Admission Requirements

1. An initial undergraduate degree in education from a regionally accredited college or university; and
2. A valid teaching license



Request for Graduate Non-Curricular Changes – Page 3

2. **Edits to current description:** Attach or insert a PDF copy of the current catalog description prepared in MS WORD with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

Request for Graduate Non-Curricular Changes – Page 4

3. **New Catalog Description:** Provide a “clean” copy of your proposed description without strikethroughs or highlighting. This should be what you are proposing for the new description.

Request for Graduate Non-Curricular Changes – Page 5

Please insert below your proposed change information for the Graduate Council agenda.

Type of change request: **Non-Curricular Change**

Department: **Literacy Education Program**

Degree program: **MA Literacy Education, Certificates in Literacy Education**

Effective date (fall/spring/summer, year): **Summer 2019**

Proposed Changes to COEPD Graduate Committee

Existing Catalogue Language with Strikethroughs (p.119-121)

LITERACY EDUCATION, M.A.

Program Description

The Master of Arts in Literacy Education consists of six foundation courses, four advanced courses, two of which are practicum experiences, and two elective courses for a total of 36 credit hours.

Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission. In addition, applicants must have:

- An undergraduate Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale ~~for all previously completed undergraduate university work~~
- A valid WV teaching certificate

ADDITIONAL LITERACY ENDORSEMENTS AND CERTIFICATES FOR TEACHERS (p. 121)

Teachers who want to add another teaching endorsement may do so by completing the course requirements and performance assessments, ~~and the appropriate PRAXIS II test.~~

The program offers two certificate programs that support literacy education.

Programs marked with an asterisk (*) may be used as endorsements for teaching reading. Programs marked with a plus sign (+) may be used as graduate certificates.

Certificate Program Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission. In addition, applicants must have:

- An undergraduate degree in education from an a regionally accredited college or university and
- A valid WV teaching certificate

*** Literacy Specialist (24 hours)**

Admission to the program is suspended

***Literacy Education (18 hours)**

The Literacy Education Certificate is intended for educators who hold an initial teaching license and wish to become highly qualified literacy educators. It consists of six courses, with embedded field-experiences, and leads to a reading endorsement at either the elementary or secondary level.

Admission Requirements

1. An initial undergraduate degree in education from a regionally accredited college or university; and
2. A valid teaching license

+ Family Literacy (12 hours)

The Family Literacy Certificate is intended for professionals working in the field of family literacy.

Admission Requirements

A relevant undergraduate degree, as determined by the Literacy Education program, from a regionally accredited college or university is needed for admission to the program.

Proposed Changes Highlighted

Program Description

The Master of Arts in Literacy Education consists of six foundation courses, four advanced courses, two elective courses, and several cross-program assessments for a total of 36 credit hours. Graduates from the MA in Literacy Education can apply to the West Virginia Department of Education for an endorsement as a reading specialist.

Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission. In addition, applicants must have:

- An undergraduate degree in education from an accepted regionally accredited college or university with a Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale.
- A valid WV teaching certificate

Conditional Admission

The MA in Literacy Education Program does not admit applicants on a conditional basis.

Provisional Admission

The MA in Literacy Education Program may admit applicants provisionally, on a limited basis, at the discretion of the program.

ADDITIONAL LITERACY CERTIFICATES

Teachers who want to add another teaching endorsement may do so by completing the certificate requirements and applying for the appropriate state endorsement. The program offers two certificate programs that support literacy education. Programs marked with an asterisk (*) may be used as endorsements for teaching reading. Programs marked with a plus sign (+) may be used as graduate certificates.

Prospective certificate students should apply for admission to Marshall University as a Certificate/Professional Development and indicate the certificate they wish to pursue.

*** Literacy Specialist (24 hours)**

Admission to the program is suspended

***Literacy Education (18 hours)**

The Literacy Education Certificate is intended for educators who hold an initial teaching license and wish to become highly qualified literacy educators. It consists of six courses, with embedded field-experiences. Program completers may apply for the reading endorsement at either the elementary or secondary level from the West Virginia Department of Education.

Admission Requirements

1. An initial undergraduate degree in education from an accepted regionally accredited college or university with a Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale; and
2. A valid teaching license

Conditional Admission

The Certificate in Literacy Education Program does not admit applicants on a conditional basis.

Provisional Admission

The Certificate in Literacy Education Program may admit applicants provisionally, on a limited basis, at the discretion of the program.

+Family Literacy (12 hours)

The Family Literacy Certificate is intended for professionals working in the field of family literacy.

Admission Requirements

A relevant undergraduate degree, as determined by the Literacy Education program, from an accepted regionally accredited college or university with a Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale

Conditional Admission

The Certificate in Family Literacy Program does not admit applicants on a conditional basis.

Provisional Admission

The Certificate in Family Literacy Program may admit applicants provisionally, on a limited basis, at the discretion of the program.

Program Requirements

CIRG 653 Literacy Acquisition

CIRG 651 Principles of Family Literacy

CIRG 652 Implementing and Evaluating a Family Literacy Program

CI 634 Language and Cognition in Early Childhood

Clean Copy of Catalogue Description

Program Description

The Master of Arts in Literacy Education consists of six foundation courses, four advanced courses, two elective courses, and several cross-program assessments for a total of 36 credit hours. Graduates from the MA in Literacy Education can apply to the West Virginia Department of Education for an endorsement as a reading specialist.

Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission. In addition, applicants must have:

- An undergraduate degree in education from a regionally accredited college or university with a Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale.
- A valid WV teaching certificate

Conditional Admission

The MA in Literacy Education Program does not admit applicants on a conditional basis.

Provisional Admission

The MA in Literacy Education Program may admit applicants provisionally, on a limited basis, at the discretion of the program.

ADDITIONAL LITERACY CERTIFICATES

Teachers who want to add another teaching endorsement may do so by completing the certificate requirements, and then applying for the appropriate state endorsement. The program offers two certificate programs that support literacy education. Programs marked with an asterisk (*) may be used as endorsements for teaching reading. Programs marked with a plus sign (+) may be used as graduate certificates.

Prospective certificate students should apply for admission to Marshall University as a Certificate/Professional Development on the application form and indicate the certificate they wish to pursue.

***Literacy Education (18 hours)**

The Literacy Education Certificate is intended for educators who hold an initial teaching license and wish to become highly qualified literacy educators. It consists of six courses, with embedded field-experiences. Program completers can apply for the reading endorsement at either the elementary or secondary level from the West Virginia Department of Education.

Admission Requirements

1. An initial undergraduate degree in education from a regionally accredited college or university with a Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale; and
2. A valid teaching license

Conditional Admission

The Certificate in Literacy Education Program does not admit applicants on a conditional basis.

Provisional Admission

The Certificate in Literacy Education Program may admit applicants provisionally, on a limited basis, at the discretion of the program.

+Family Literacy (12 hours)

The Family Literacy Certificate is intended for professionals working in the field of family literacy.

Admission Requirements

A relevant undergraduate degree, as determined by the Literacy Education program, from a regionally accredited college or university with a Grade Point Average (GPA) of 2.7 or higher on a 4.0 scale

Conditional Admission

The Certificate in Family Literacy Program does not admit applicants on a conditional basis.

Provisional Admission

The Certificate in Family Literacy Program may admit applicants provisionally, on a limited basis, at the discretion of the program.

Program Requirements

CIRG 653 Literacy Acquisition

CIRG 651 Principles of Family Literacy

CIRG 652 Implementing and Evaluating a Family Literacy Program

CI 634 Language and Cognition in Early Childhood

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS511

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Ethics in Sports

Alpha Designator/Number:

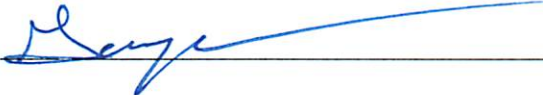



E	S	S		5	1	1			
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Title Abbreviation:

E	t	h	i	c	s		i	n		S	p	o	r	t	s							
---	---	---	---	---	---	--	---	---	--	---	---	---	---	---	---	--	--	--	--	--	--	--

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head 	Date <u>11-27-18</u>
Registrar 	Date <u>11-30-18</u>
College Curriculum Chair 	Date <u>11/24/19</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Alpha Designator/Number:ESS511

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

[illegible][illegible]

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

E	S	S	
---	---	---	--

 To:

S	T	H	M
---	---	---	---

☒ YES ☐ NO

If Yes, Rationale	Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.
-------------------	---

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

--	--	--	--

 To:

--	--	--	--

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From	
------	--

To	
----	--

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS511 Ethics in Sports _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511

ESS 516

ESS 525

ESS 530

ESS 540

ESS 552

ESS 575

ESS 615

ESS 624

ESS 643

ESS 652

ESS 671

ESS 674

ESS 675

ESS 696

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS516

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Plan & Dev Athletic Facil

Alpha Designator/Number:

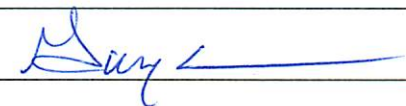


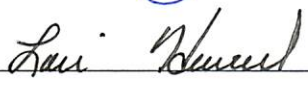
E S S 5 1 6

Title Abbreviation:

P l a n & D e v A t h l e t i c F a c i l

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>11-29-18</u>
Registrar <u></u>	Date <u>11-30-18</u>
College Curriculum Chair <u></u>	Date <u>1/24/19</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS516

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS516 Plan & Dev Athletic Facil _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511
ESS 516
ESS 525
ESS 530
ESS 540
ESS 552
ESS 575
ESS 615
ESS 624
ESS 643
ESS 652
ESS 671
ESS 674
ESS 675
ESS 696

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS525

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

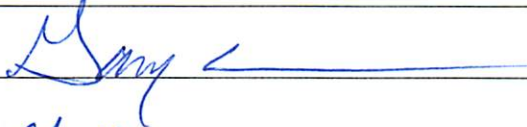
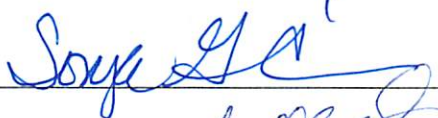


Course Title: Sports in Film

Alpha Designator/Number: E S S 5 2 5

Title Abbreviation: S p o r t s i n F i l m

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head 	Date <u>11-29-18</u>
Registrar 	Date <u>1130-18</u>
College Curriculum Chair 	Date <u>1/24/19</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS525

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS525 Sports in Film _____

1. **REQUIRED COURSE:** If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. **COURSE DELETION:** List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. **ADDITIONAL RESOURCE REQUIREMENTS:** If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511

ESS 516

ESS 525 ✓

ESS 530 ✓

ESS 540 ✓

ESS 552 ✓

ESS 575 ✓

ESS 615 ✓

ESS 624 ✓

ESS 643 ✓

ESS 652 ✓

ESS 671 ✓

ESS 674 ✓

ESS 675 ✓

ESS 696 ✓

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS530

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Sport Law

Alpha Designator/Number:



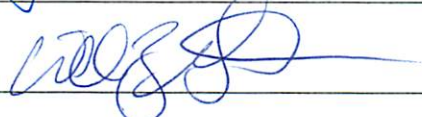

E	S	S		5	3	0			
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Title Abbreviation:

S	p	o	r	t		L	a	w											
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1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
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4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>11-29-18</u>
Registrar <u></u>	Date <u>11-30-18</u>
College Curriculum Chair <u></u>	Date <u>1/24/19</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS530

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP

Department: Kinesiology

Course Number/Title ESS530 Sport Law

1. **REQUIRED COURSE:** If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. **COURSE DELETION:** List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. **ADDITIONAL RESOURCE REQUIREMENTS:** If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511

ESS 516

ESS 525

ESS 530

ESS 540

ESS 552

ESS 575

ESS 615

ESS 624

ESS 643

ESS 652

ESS 671

ESS 674

ESS 675

ESS 696

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS540

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:





Course Title: Women in Sport

Alpha Designator/Number: E S S 5 4 0

Title Abbreviation: W o m e n i n S p o r t

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
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Dept. Chair/Division Head 	Date <u>11-29-18</u>
Registrar 	Date <u>11-30-18</u>
College Curriculum Chair 	Date <u>1/24/19</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS540

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS540 Women in Sport _____

1. **REQUIRED COURSE:** If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. **COURSE DELETION:** List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. **ADDITIONAL RESOURCE REQUIREMENTS:** If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511

ESS 516

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ESS 624

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ESS 671

ESS 674

ESS 675

ESS 696

Request for Graduate Course Change

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College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS552

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Sport Performance Analysis

Alpha Designator/Number:



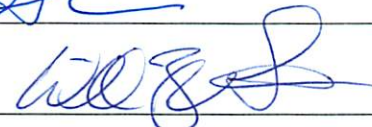
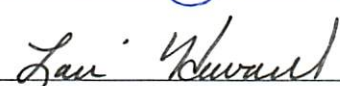
E	S	S		5	5	2			
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Title Abbreviation:

S	p	o	r	t		P	e	r	f	o	r	m	a	n	c	e		A	n	a	l	y	s	i	s
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Dept. Chair/Division Head 	Date <u>11-29-18</u>
Registrar 	Date <u>11-30-18</u>
College Curriculum Chair 	Date <u>11/24/19</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS552

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS552 Sport Performance Analysis _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

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COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

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ESS 511
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ESS 671
ESS 674
ESS 675
ESS 696

Request for Graduate Course Change

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College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS575

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Sem Sport Mgt Mkt

Alpha Designator/Number:

E	S	S		5	7	5			
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Title Abbreviation:

S	e	m		S	p	o	r	t		M	g	t		M	k	t								
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Dept. Chair/Division Head	Date <u>11-29-18</u>
Registrar	Date <u>11-30-18</u>
College Curriculum Chair	Date <u>1/24/19</u>
Graduate Council Chair	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS575

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS575 Sem Sport Mgt Mkt _____

1. **REQUIRED COURSE:** If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. **COURSE DELETION:** List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

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Request for Graduate Course Change - Page 5

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COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511
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ESS 671
ESS 674
ESS 675
ESS 696

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College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS615

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Legal Concerns in PE & Ath

Alpha Designator/Number:

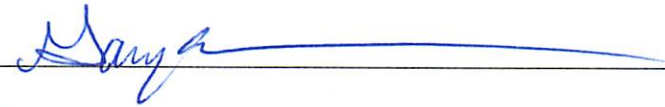

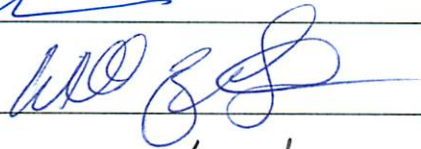
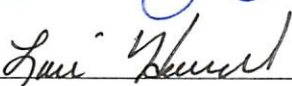
E	S	S		6	1	5			
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Title Abbreviation:

L	e	g	a	l		C	o	n	e	r	n	s		i	n		P	E		&		A	t	h
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Dept. Chair/Division Head <u></u>	Date <u>11-29-18</u>
Registrar <u></u>	Date <u>11-30-18</u>
College Curriculum Chair <u></u>	Date <u>11/24/19</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS615

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS615 Legal Concerns in PE & Ath _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511
ESS 516
ESS 525
ESS 530
ESS 540
ESS 552
ESS 575
ESS 615
ESS 624
ESS 643
ESS 652
ESS 671
ESS 674
ESS 675
ESS 696

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS624

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

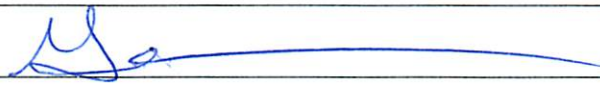

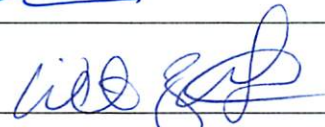
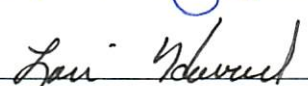
Course Title: Issues in Physical Ed

Alpha Designator/Number: E S S 6 2 4

Title Abbreviation: I s s u e s i n P h y s i c a l E d

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
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4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head 	Date <u>11-29-18</u>
Registrar 	Date <u>11-30-18</u>
College Curriculum Chair 	Date <u>1/24/19</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS624

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS624 Issues in Physical Ed _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

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Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

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ESS 671
ESS 674
ESS 675
ESS 696

Request for Graduate Course Change

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College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS643

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Sport in Social Process

Alpha Designator/Number:

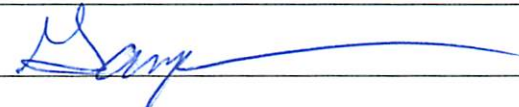



E S S 6 4 3

Title Abbreviation:

S p o r t i n S o c i a l P r o c e s s

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4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head 	Date <u>11-29-18</u>
Registrar 	Date <u>11-30-18</u>
College Curriculum Chair 	Date <u>11-24-18</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS643

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS643 Sport in Social Process _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

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Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511

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ESS 643

ESS 652

ESS 671

ESS 674

ESS 675

ESS 696

Request for Graduate Course Change

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3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS652

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Organ Behav Sprrt Leis Ind

Alpha Designator/Number:

E	S	S		6	5	2			
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Title Abbreviation:

O	r	g	a	n		B	e	h	a	v		S	p	r	t		L	e	i	s		I	n	d
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Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head	Date <u>11-29-18</u>
Registrar	Date <u>11-30-18</u>
College Curriculum Chair	Date <u>1/24/19</u>
Graduate Council Chair _____	Date _____

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS652

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS652 Organ Behav Sprrt Leis Ind _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

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Request for Graduate Course Change - Page 5

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COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511

ESS 516

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ESS 624

ESS 643

ESS 652

ESS 671

ESS 674

ESS 675

ESS 696

Request for Graduate Course Change

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College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS671

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Research in Sport Studies

Alpha Designator/Number:

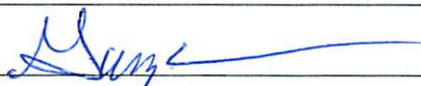

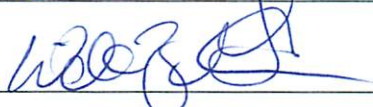

E	S	S		6	7	1			
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Title Abbreviation:

R	e	s	e	a	r	c	h		i	n		S	p	o	r	t		S	t	u	d	i	e	s
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Dept. Chair/Division Head 	Date <u>11-29-18</u>
Registrar 	Date <u>11-30-18</u>
College Curriculum Chair 	Date <u>1/24/19</u>
Graduate Council Chair 	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS671

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS671 Reasearch in Sport Studies _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

ESS 511
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ESS 696

Request for Graduate Course Change

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College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS674

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Sport Finance Economics

Alpha Designator/Number:

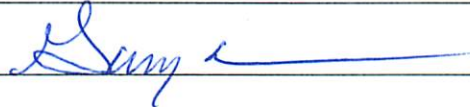



E	S	S		6	7	4			
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Title Abbreviation:

S	p	o	r	t		F	i	n	a	n	c	e		E	c	o	n	o	m	i	c	s		
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Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>11-29-18</u>
Registrar <u></u>	Date <u>11-30-18</u>
College Curriculum Chair <u></u>	Date <u>11-24-18</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS674

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS674 Sport Finance Economics _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

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ESS 652

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ESS 674

ESS 675

ESS 696

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS675

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:





Course Title: Mktg Mgmt of Sport Industry

Alpha Designator/Number: E S S 6 7 5

Title Abbreviation: M k t g M g m t o f S p o r t I n d u s t

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>11-29-18</u>
Registrar <u></u>	Date <u>11-30-18</u>
College Curriculum Chair <u></u>	Date <u>1/24/19</u>
Graduate Council Chair <u></u>	Date <u>3/22/19</u>

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS675

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From

 (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From:

 To

☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From:

 To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS675 Mktg Mgmt of Sport Industry _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designator has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. We have provided this form as a template for these alpha designator changes as a group as opposed to filling out a separate form for each course change.

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Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COHP

Dept/Division: Kinesiology

Current Alpha Designator/Number: ESS696

Contact Person: Dr. Jennifer Mak

Phone: 304-696-2927

CURRENT COURSE DATA:

Course Title: Seminar Physical Ed

Alpha Designator/Number:




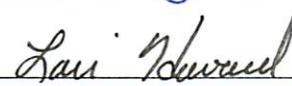
E	S	S		6	9	6			
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Title Abbreviation:

S	e	m	i	n	a	r		P	h	y	s	i	c	a	l		E	d					
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1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
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4. List courses, if any, that will be deleted because of this change (*must submit course deletion form*).
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u></u>	Date <u>11-27-18</u>
Registrar <u></u>	Date <u>11-30-18</u>
College Curriculum Chair <u></u>	Date <u>1/24/19</u>
Graduate Council Chair <u></u>	Date _____

Request for Graduate Course Change - Page 2

College: COHP

Department/Division: Kinesiology

Alpha Designator/Number: ESS696

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☐ YES ☒ NO

From (limited to 30 characters and spaces)

To

If Yes, Rationale

Change in COURSE ALPHA DESIGNATOR:

From: To: ☒ YES ☐ NO

If Yes, Rationale

Sharing alpha designator with other programs has created many administration and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review.

Change in COURSE NUMBER: ☐ YES ☒ NO

From: To:

If Yes, Rationale

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale

Change in CATALOG DESCRIPTION: ☐ YES ☒ NO IF YES, fill in below:

From

To

If Yes
Rationale

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☐ YES ☒ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From

To

Change in COURSE CONTENT: ☐ YES ☒ NO

From

To

Rationale

Request for Graduate Course Change-Page 4

College: COHP _____

Department: Kinesiology _____

Course Number/Title ESS696 Seminar Physical Ed _____

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Request for Graduate Course Change - Page 5

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COURSE DESCRIPTION CHANGE

Department:

Course Number and Title:

Rationale:

Course Description (old)

Course Description: (new)

Catalog Description:

COURSE NUMBER CHANGE

Department:

Current Course Number/Title:

New Course Number:

Rationale:

Catalog Description:

Credit hours:

COURSE TITLE CHANGE

Department:

Current Course Number/Title:

New Course Title:

Rationale:

Catalog Description:

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