

Spring 2-14-2017

Undergraduate Curriculum Approval Form

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FEBRUARY 2017 UNDERGRADUATE CURRICULUM APPROVAL FORM

John E. Banteb

3-10-17

Provost/Vice President for Academic Affairs (*Final sign-off*)

Date

Enclosed:

- February 2017 Undergraduate Curriculum Committee Meeting Agenda
- February 2017 Undergraduate Curriculum Committee Meeting Minutes
- Faculty Senate Approval of February 2017 Undergraduate Curriculum Committee Meeting Minutes

**Please return to the Registrar's Office once signed-off.*

UNDERGRADUATE COMMITTEE

AGENDA

FEBRUARY 14, 2017

3:30 P.M.

INFORMATION TECHNOLOGY BUILDING, ROOM 1005

- I. CALL TO ORDER**
- II. APPROVAL OF AGENDA**
- III. CHAIR'S UPDATE**
- IV. NEW BUSINESS**

**Note: Due to current system limitations, course numbers and subjects may not be accurately reflected on the CIM proposals for new courses/number changes. Please refer to this agenda as the approved subject and/or course number is listed below.*

A. Vice President of Academic Affairs

Vice President of Instruction

Revised Courses

[GSU 2131: Career Exploration](#)

[GSU 2132: Professional Development Seminar](#)

First-Year Experience

Revised Courses

[FYE 1410: Global Citizens](#)

[FYE 1410H: Global Citizens](#)

B. College of Liberal Arts and Social Sciences

Department of Art

New Courses

[ART 1132: Digital Art and Design Foundations](#)

[ART 2332: Design Theory I](#)

[ARTG 3131: Design for Digital Reproduction](#)

[ARTG 3231: Graphic Reproduction Processes](#)

[ARTG 3331: Digital and On-Demand Publishing](#)

[ARTG 3431: Planning, Finishing, and Estimating](#)

[ARTG 3432: Color Management and Reproduction](#)

[ARTG 4131: Selected Topics in Graphic Communication](#)

[ARTG 4231: Web Development for Graphic Communications](#)

Revised Courses

[ART 1020: 2D Art and Design Foundations](#)

[ART 1536: Animation I](#)

[ART 2536: Animation II](#)

[ART 3536: Video Motion Graphics](#)

[ART 3537: Installation Interactivity](#)
[ART 4135: Painting: Studio Practice](#)
[ART 4232: Ceramics: Advanced](#)
[ART 4235: Hot and Cold Casting](#)
[ART 4236: Small Metals Design: Advanced I](#)
[ART 4330: Print, Paper, Book Arts: Advanced](#)
[ART 4334: Photographic Imaging III](#)
[ART 4536: 3D Animation](#)
[ART 4988: Capstone in Studio Art](#)

Revised Programs

[792D: Graphic Communications Minor](#)
[BA-ART/AH: Art B.A. \(Concentration in Art History\)](#)
[BA-ART/SA: Art B.A. \(Concentration in Studio Art\)](#)
[BFA-ART/2D: Art B.F.A. \(Concentration in 2D Studio: Drawing, Painting, Print/Paper/Book Arts\)](#)
[BFA-ART/3D: Art B.F.A. \(Concentration in 3D Studio: Ceramics, Small Metals Design, Sculpture\)](#)
[BFA-GDSGN: Graphic Design B.F.A.](#)

Department of Communication Arts

Revised Course

[COMM 1110: Public Speaking](#)

Department of Foreign Languages

Inactivated Course

[SPAN 4533: Hispanic Business Through Literature and Culture](#)

Department of History

New Courses

[HIST 3151: The American War in Vietnam](#)
[HIST 3158: War and Society: A Global Perspective](#)

Department of Music

Revised Course

[MUSC 4611: Seminar in Music Education](#)

Department of Sociology and Anthropology

New Courses

[ANTH 3131: Foraging to Farming](#)
[ANTH 3151: Contact: Worlds Collide](#)
[ANTH 4335: Reading Culture](#)
[SOCI 2434: Social Data Analysis](#)
[SOCI 3332: Sociology of Sexuality](#)
[SOCI 3531: Introduction to LGBT Studies](#)

Revised Course
[ANTH 2231H: Biol Anthropology \(Honors\)](#)

Revised Programs
[BA-ANTH: Anthropology B.A.](#)
[BS-SOCI: Sociology B.S.](#)

Department of Writing and Linguistics
Revised Courses
[WRIT 4130: Creative Nonfiction Writing](#)
[WRIT 5531: Advanced Creative Nonfiction Writing](#)

Revised Program
[BA-WRLG: Writing and Linguistics B.A.](#)

Department of Literature and Philosophy
New Course
[ENGL 5336: Modern and Contemporary American Literature](#)

C. College of Business Administration

School of Accountancy
Revised Courses
[ACCT 2101: Financial Accounting](#)
[ACCT 4133: Intermediate Accounting III](#)
[ACCT 4631: Fraud Examination](#)

Department of Information Systems
Revised Course
[CISM 4239: Advanced Business Analytics with SAP HANA](#)

Revised Programs
[191A: Enterprise Resources Planning \(ERP\) Systems Minor](#)
[BBA-INFO: Information Systems B.B.A.](#)
[BBA-INFOBI: Information Systems B.B.A. \(Business Intelligence Emphasis\)](#)
[BBA-INFOERPS: Information Systems B.B.A. \(Enterprise Resource Planning Systems Emphasis\)](#)
[BBA-INFOES: Information Systems B.B.A. \(Enterprise Security Emphasis\)](#)

D. College of Education

Department of Teaching and Learning
New Course
[ESED 4700: Beginning of P-12 School Year Experience](#)

Revised Course
[SPED 4734: SPED 6-12 Practicum](#)

Revised Program

BSED-HEPE: Health and Physical Education B.S.Ed.

Department of Leadership, Technology and Human Development

New Courses

ITEC 3131: Principles of E-Learning

ITEC 3132: Introduction to Instructional Design

ITEC 3133: Multimedia Message Design

ITEC 4134: E-Learning Project Management and Evaluation

Revised Course

ITEC 5233: Foundations of Technology-Enabled Learning

New Program

: Instructional Technology Minor

E. College of Science and Mathematics

Department of Biology

New Course

BIOL 5141: Forensic Biology

Department of Chemistry and Biochemistry

Revised Program

BA-CHEM/BIOC: Chemistry B.A. (Concentration in Biochemistry)

Department of Geology and Geography

New Course

GEOL 5340: Barrier Island Environmental Geology

Revised Courses

GEOG 5091: Applied GIS

GEOL 5740: Sea Turtle Natural History

F. College of Health and Human Sciences

School of Nursing

Revised Course

NURS 3140: Critical Inquiry: Nursing Research and Applied Statistics

NURS 3163: Nursing Care of Adults

NURS 3222: Pharmacologic and Integrative Therapeutics II

NURS 3252: Mental Health Nursing

New Program

: RN-BSN

Department of Health and Kinesiology

New Course

[SMGT 3130: Fan Behavior in Sport](#)

Revised Courses

[KINS 3435: Motor Learning and Development](#)

[KINS 4130: Administrative Principles in Kinesiology](#)

[KINS 4431: Instructional Design in Health and Physical Education for Middle and High School Students](#)

[KINS 4617: Senior Seminar in Health and Physical Education](#)

School of Human Ecology

New Course

[CHFD TBD-1: Therapeutic Benefits of Play in Child Life](#)

Revised Courses

[CHFD 3136: Adult Development and Later Life](#)

[CHFD 4132: Death and Bereavement across the Lifespan](#)

[CHFD 4238: Child Life Practice in Healthcare](#)

[CHFD 4790: Internship in Child and Family Development](#)

Revised Programs

[039A: Child and Family Development Minor](#)

[BS-CHFD: Child and Family Development B.S.](#)

Selected Topics Announcement – For Information Only

[20: Therapeutic Benefits of Play in Child Life](#)

G. College of Engineering and Information Technology

Department of Computer Sciences

Revised Courses

[CSCI 1301: Programming Principles I](#)

[CSCI 1301H: Programming Principles I](#)

[CSCI 1301S: Programming Principles I](#)

Department of Information Technology

New Course

[IT 5233: Web and Mobile Security Fundamentals](#)

Department of Civil Engineering and Construction Management

New Courses

[CENG 1731: Civil Engineering Computations](#)

[CENG 4730: Experiential Learning in Civil and Construction Engineering - COOP](#)

[CENG 5090: Selected Topics in Civil Engineering](#)

[CENG 4132: Water and Sanitation for International Development](#)

[TCM 4730: Experiential Learning in Construction Management - COOP](#)

[TCM 5333: Building Information Modeling](#)

Revised Courses

[CENG 3135: Construction Cost Control and Finance](#)

[CENG 4518: Introduction to Senior Project](#)

[CENG 5137: Engineering Hydrology and Hydraulics](#)

[TCM 3331: Construction Finance](#)

[TCM 4710: Construction Internship](#)

[TCM 5330: Green Building and Sustainable Construction](#)

New Program

[: Bachelor of Science in Construction Engineering](#)

Revised Program

[BSCE-CIVL: Civil Engineering B.S.C.E.](#)

Department of Electrical Engineering

Revised Courses

[EENG 3420: Linear Systems](#)

[EENG 5090: Selected Topics in Electrical Engineering](#)

[EENG 5544: Smart Grids Technology Fundamentals](#)

New Program

[TBD: Computer Engineering](#)

Inactivated Program

[053B: Computer Engineering Second Discipline Concentration](#)

Department of Mechanical Engineering

New Courses

[ENGR 1121: Computing Applications in Mechanical Engineering](#)

[ENGR 1121H: Computing Applications in Mechanical Engineering](#)

[ENGR 2137: Introduction to Renewable Energy](#)

Revised Courses

[ENGR 1133: Engineering Graphics](#)

[ENGR 1133H: Engineering Graphics](#)

[ENGR 2112: Solid Modeling and Analysis](#)

[ENGR 2112H: Solid Modeling and Analysis](#)

[MENG 2139: Numerical Methods in Engineering](#)

[MENG 2139H: Numerical Methods in Engineering](#)

[MENG 3531: Introduction to Mechatronics](#)

[MENG 3531H: Introduction to Mechatronics](#)

[MENG 4210: Energy Science Laboratory](#)

[MENG 4210H: Energy Science Lab \(Honors\)](#)

[MENG 5135: Vibration and Preventive Maintenance](#)

[MENG 5137: Mechanical System Design](#)
[MENG 5137H: Mechanical System Design](#)
[MENG 5233: Wind Energy](#)
[MENG 5238: Engine Development and Performance](#)
[MENG 5331: Automation and Computer Integrated Manufacturing Systems](#)
[MENG 5333: Robot Dynamics, Design and Analysis](#)
[MENG 5536: Mechanical Controls](#)
[MENG 5536H: Mechanical Controls \(Honors\)](#)

[Revised Program](#)
[BSME-MECH: Mechanical Engineering B.S.M.E.](#)

H. College of Public Health

Department of Health Policy and Management

[New Course](#)

[PUBH 3432: Introduction to Global Health Policy](#)

Department of Public Health (General)

[PUBH 3431: Introduction to Global Health](#)

[New Programs](#)

[: Health and Education Promotion B.S.P.H. \(Concentration in Global Health\)](#)

[: Global Health Minor](#)

Department of Community Health Behavior and Education

[New Course](#)

[PUBH 4234: International Development in Health \(Poverty, Social Justice and Global Health\)](#)

[Revised Course](#)

[PUBH 4230: Global Maternal and Child Health](#)

[Revised Program](#)

[BSPH-HEDP: Health Education and Promotion B.S.P.H.](#)

Department of Environmental Health

[New Course](#)

[PUBH 4232: Global Environmental Health](#)

Department of Epidemiology

[New Course](#)

[PUBH 4233: Topics in Global Epidemiology](#)

V. PROGRAM REVIEW

VI. OTHER BUSINESS

VII. ADJOURNMENT

UNDERGRADUATE COMMITTEE
MINUTES
FEBRUARY 14, 2017
3:30 P.M.
INFORMATION TECHNOLOGY BUILDING, RM 1005

I. CALL TO ORDER

Voting Members Present: Dr. Cheryl Aasheim, Dr. Dragos Amarie, Miss Ruth Baker, Dr. Joanne Chopak-Foss, Dr. Anoop Desai, Dr. Larisa Elisha, Dr. Adrian Gardner, Mrs. Lori Gwinett, Dr. Barbara Hendry, Dr. Alisa Leckie, Dr. Ron MacKinnon, Dr. Ed Mondor, Dr. Marian Tabi

Non-Voting Members Present: Miss Tori Brannen, Ms. Candace Griffith, Ms. Doris Mack, Mr. Justin Willoughby

Guests: Dr. Delena Bell Gatch, Dr. Melissa Carrion, Mr. Robert Farber, Dr. Karen Fry, Mrs. Cynthia Groover, Dr. Steven Harper, Dr. Brian Koehler, Dr. Christine Ludowise, Dr. Johnathan O'Neill, Mrs. Cindy Randall, Dr. Stephen Rossi, Dr. Deborah Thomas, Dr. David Williams, Dr. Marieke Van Willigen, Dr. Robert Yarborough

Absent: N/A

Dr. Ron MacKinnon called the meeting to order at 3:32 p.m.

II. APPROVAL OF AGENDA

A Gardiner/Aasheim motion to approve the agenda was passed unanimously.

III. CHAIR'S UPDATE

IV. NEW BUSINESS

**Note: Due to current system limitations, course numbers and subjects may not be accurately reflected on the CIM proposals for new courses/number changes. Please refer to this agenda as the approved subject and/or course number is listed below.*

**A. Vice President of Academic Affairs
Vice President of Instruction**

A Gardiner/Mondor motion to approve the revised courses was passed unanimously.

Revised Courses

GSU 2131: Career Exploration

JUSTIFICATION:

We would like to change the credit hours for GSU 2121 and GSU 2122 to better meet the needs of our students. Most students currently select GSU 2121 or GSU 2122 as an elective course, yet 2 credit hours do not fit in the student's undergraduate curriculum as well as other elective options. Having a course option that fully meets the SACS free elective, would greatly make our courses more applicable to

undergraduate programs, thus better serving the students and their academic advisors. Additionally, increasing the credit hours from 2 to 3 would allow our instructors more class meeting time to expand on course content and activities related to the course.

GSU 2132: Professional Development Seminar

JUSTIFICATION:

We would like to change the credit hours for GSU 2121 and GSU 2122 to better meet the needs of our students. Most students currently select GSU 2121 or GSU 2122 as an elective course, yet 2 credit hours do not fit in the student's undergraduate curriculum as well as other elective options. Having a course option that fully meets the SACS free elective, would greatly make our courses more applicable to undergraduate programs, thus better serving the students and their academic advisors. Additionally, increasing the credit hours from 2 to 3 would allow our instructors more class meeting time to expand on course content and activities related to the course.

First-Year Experience

A Gardiner/Mondor motion to approve the revised courses was passed unanimously.

Revised Courses

FYE 1410: Global Citizens

JUSTIFICATION:

The prerequisite fell out of the Catalog after 2014-15 automatically due to a university-wide change in the requirement for prerequisites to be enforced at registration. Course has always had a prerequisite on the core curriculum page in the Catalog, and there was no intent for it to fall off. This submission addresses the inconsistency in the Catalog and the intent of the department all along.

FYE 1410H: Global Citizens

JUSTIFICATION:

The prerequisite fell out of the Catalog after 2014-15 automatically due to a university-wide change in the requirement for prerequisites to be enforced at registration. Course has always had a prerequisite on the core curriculum page in the Catalog, and there was no intent for it to fall off. This submission addresses the inconsistency in the Catalog and the intent of the department all along.

B. College of Liberal Arts and Social Sciences Department of Art

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised programs was passed unanimously.

New Courses

ART 1132: Digital Art and Design Foundations

JUSTIFICATION:

National Association for Art and Design Schools (NASAD) standards requires that all professional art and design degree programs provide students with relevant technology related experiences, tools, and coursework for BA/BFA professional programs at the foundations level. The 2015 NASAD Visitors' Report recommended the programs "...address the demands of a competitive and evolving future-significant change in the disciplines of art and design and a shifting student demographic and culture." TBD-ART1132, Digital Art and Design Foundations will introduce students to relevant digital platforms, tools, and digital workflow management at the foundation level.

ART 2332: Design Theory I

JUSTIFICATION:

To enable the BFA GD Program meet NASAD Standards For Professional Undergraduate Degree Programs With A Major In Graphic Design. NASAD Standard: Students will have the ability to describe and respond to the audiences and contexts which communication solutions must address, including recognition of the physical, cognitive, cultural, and social human factors that shape design decisions. ART __3__ Design Theory I addresses the NASAD 2015 Visitors Report cited student's limited ability to synthesize complex concepts and apply critical thinking skill to a range of graphic-design related problems.

ARTG 3131: Design for Digital Reproduction

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 3131. Digital reproduction is becoming one of the major reproduction process along side the traditional conventional processes. The design for digital reproduction are unique and different that conventional processes. This course helps students understand how the design choices they make can optimize the appearance of their design. The course will also demonstrate how one's design choices increase reproduction cost. This course is a part of a revised minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

ARTG 3231: Graphic Reproduction Processes

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 3231. Student's require an overview of the reproduction process use in today's graphic communications industry. Having this overview will enable students to make intelligent choices when planning projects for graphic communications. This course is a part of a revised minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

ARTG 3331: Digital and On-Demand Publishing

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 3331. On-demand and personalized graphic communications is a vital part of the graphic communication industry. The ability to implement on-demand and personalized graphic communications gives students who complete this course an advantage in today's graphic communications industry. This course is a part of a revised minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

ARTG 3431: Planning, Finishing, and Estimating

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 3431. The planning, finishing and estimating of graphic communications projects is an essential skill required by students wishing looking for employment within the graphic communications industry. This course will provide the student with those skills. This course is a part of a revised minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

ARTG 3432: Color Management and Reproduction

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 3432. An understanding of color and its reproduction and management is vital to the graphic communications industry. Today's graphic reproduction is computer based which lends itself to the management and control of color reproduction. Understanding how to develop and implement color management will give students a complete edge. This course is a part of a new minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

ARTG 4131: Selected Topics in Graphic Communication

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 4131. This course provides the student with the opportunity to explore current topics in Graphic Communications and or the opportunity to research a topic of interest. This course is a part of a revised minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

ARTG 4231: Web Development for Graphic Communications

JUSTIFICATION:

We are requesting a new course prefix ARTG - to signify courses with significant Graphic Design and Graphic Communication content. We are requesting a new course number of 4231. Web development has become an important part of the Graphic Communications industry. Many Graphic Communications companies offer

this service to their clients. This course will allow graphic communications students a path to fill web related position in graphic communications. This course is a part of a revised minor in Graphic Communications proposed by the Betty Foy Sanders Department of Art.

Revised Courses

ART 1020: 2D Art and Design Foundations

JUSTIFICATION:

The course title change brings ART1020 into alignment with the proposed nomenclature changes for ART1030 3D Art and Design Foundations and TBD-ART1031 Digital Art and Design Foundations

ART 1536: Animation I

JUSTIFICATION:

Course fees for the five-course sequence in the Animation New Media Minor will be utilized to provide students with specialty software, unique hardware items (i.e. Stylus computer pens, motion sensors, mini projectors etc.) paper, and laser printing inks for output. Course fees will offset department access to limited and reduced STF grants and funding availability.

ART 2536: Animation II

JUSTIFICATION:

Course fees for the five-course sequence in the Animation New Media Minor will be utilized to provide students with access to specialty software, unique hardware items required to deliver the minor program. (i.e. Stylus computer pens, motion sensors, mini projectors, paper, and laser printing inks for output). Course fees will offset department access to limited and reduced STF grants and funding availability.

ART 3536: Video Motion Graphics

JUSTIFICATION:

Course fees for the five-course sequence in the Animation New Media Minor will be utilized to provide students with access to specialty software, unique hardware items required to deliver the minor program. (i.e. Stylus computer pens, motion sensors, mini projectors/computers, paper, and laser printing inks for output). Course fees will offset department access to limited and reduced STF grants and funding availability.

ART 3537: Installation Interactivity

JUSTIFICATION:

Course fees for the five-course sequence in the Animation New Media Minor will be utilized to provide students with access to specialty software, unique hardware items required to deliver the minor program. (i.e. Stylus computer pens, Arduino, motors, motion sensors, mini projectors, paper, 3D, and laser printing inks/materials for output). Course fees will offset department access to limited and reduced STF grants and funding availability.

ART 4135: Painting: Studio Practice

JUSTIFICATION:

When the upper division BFA ART courses changed number sequencing in Spring 2015, the course fees did not migrate to the form. The previous course number, ART3135, did have a course fee associated with the course for painting related course materials.

ART 4232: Ceramics: Advanced

JUSTIFICATION:

When the upper division BFA ART courses changed number sequencing in Spring 2015, the course fees did not migrate to the form. The previous course number, ART3230, did have a course fee associated with the course for ceramics related course materials. The program faculty have determined that the introductory course, ART 2330, is the only prerequisite needed on the course.

ART 4235: Hot and Cold Casting

JUSTIFICATION:

When the upper division BFA ART courses changed number sequencing in Spring 2015, the course fees did not migrate to the form. The previous course number, ART3135, did have a course fee associated with the course for painting related course materials.

ART 4236: Small Metals Design: Advanced I

JUSTIFICATION:

When the upper division BFA ART courses changed number sequencing in Spring 2015, the course fees did not migrate to the form. The previous course number, ART3236, did have a course fee associated with the course for painting related course materials.

ART 4330: Print, Paper, Book Arts: Advanced

JUSTIFICATION:

When the upper division BFA ART courses changed number sequencing in Spring 2015, the course fees did not migrate to the form. The previous course number, ART3430, did have a course fee associated with the course for Print, Paper, Book Arts related course materials. The change in course prerequisite will enable BA/BFA degree students greater flexibility in scheduling upon completion of ART2430 Print, Paper, Book Arts; Introduction.

ART 4334: Photographic Imaging III

JUSTIFICATION:

When the upper division BFA ART courses changed number sequencing in Spring 2015, the course fees did not migrate to the form. The previous course number, ART3335, did have a course fee associated with the course for digital imaging related course materials.

ART 4536: 3D Animation

JUSTIFICATION:

Course fees for the five-course sequence in the Animation New Media Minor will be utilized to provide students with access to specialty software, unique hardware items required to deliver the minor program. (i.e. Stylus computer pens, motion sensors, mini projectors, paper, and laser printing inks for output). Course fees will offset department access to limited and reduced STF grants and funding availability.

ART 4988: Capstone in Studio Art

JUSTIFICATION:

Course fees for ART4988 will be utilized to provide students with access to materials and resources associated with the implementation of an individual semester-long capstone project related to project development and community. Course materials related to creation of presentation, exhibition, installation, documentation, printing and book design related materials will be provided.

Revised Programs

792D: Graphic Communications Minor

JUSTIFICATION:

The content of this minor is of benefit to the following majors BFA Graphic Design, Business, and Interdisciplinary studies BGS. With the discontinuation of the Graphic communications management degree there has been a demonstrated need for the content provided by the revised GC Minor.

BA-ART/AH: Art B.A. (Concentration in Art History)

JUSTIFICATION:

The creation of a new Area F course requirement, TBD-ART1131 Digital Art and Design Foundations, requires a BA Art History program change. ART1101 Drawing II moves to the Exploratory Course heading category.

BA-ART/SA: Art B.A. (Concentration in Studio Art)

JUSTIFICATION:

Creation of a new Area F course requirement, TBD-ART1031 Digital Art and Design Foundations, requires a program revision for the BA Studio degree program. ART1011 Drawing II moves to the Exploratory heading category.

BFA-ART/2D: Art B.F.A. (Concentration in 2D Studio: Drawing, Painting, Print/Paper/Book Arts)

JUSTIFICATION:

The creation of a new Area F course requirement, TBD-ART1031 Digital Art and Design Foundations, requires a program change for the BFA 2D Concentration degree program. ART1011 Drawing II moves to the Concentration Studio Art Courses heading and ART4190 Problems in Drawing moves to the Exploratory Studio Art courses heading.

BFA-ART/3D: Art B.F.A. (Concentration in 3D Studio: Ceramics, Small Metals Design, Sculpture)

JUSTIFICATION:

The creation of a new Area f course requirement , TBD-ART1031 Digital Art and Design Foundations, requires a program change for the BFA 3D Concentration degree program. ART1011 Drawing II moves to the Exploratory Studio Art Courses heading.

BFA-GDSGN: Graphic Design B.F.A.

JUSTIFICATION:

The elimination of the BSGCM degree and following course; GCM1321/GCM1411, required the development of a new course requirement in the BFA GD Program. TBD-ART Graphic Design Theory I will enable the BFA GD Program to meet the NASAD Standard For Professional Undergraduate Degree Programs With A Major In Graphic Design: The ability to describe and respond to the audiences and contexts which communication solutions must address, including recognition of the physical, cognitive, cultural, and social human factors that shape design decisions. ARTH 3377 Graphic Design History will become a required course under the Concentration Courses in the catalog. Major Requirements heading will now read: Select (6) credit hours from the following upper division Art History courses. The creation of a new Area f course requirement, TBD-ART1031 Digital Art and Design Foundations, requires a program change for the BFA GD degree program. ART1011 Drawing II moves to the Exploratory Studio Art courses heading.

Department of Communication Arts

A Gardiner/Mondor motion to approve the revised course was passed unanimously.

Revised Course

COMM 1110: Public Speaking

JUSTIFICATION:

The Regents Advisory Committee on Communication has instructed all USG member institutions to change the title of the course to Public Speaking to create uniformity and to create clarity in consideration of courses accepted for transfer credit.

Department of Foreign Languages

A Gardiner/Mondor motion to approve the inactivated course was passed unanimously.

Inactivated Course

SPAN 4533: Hispanic Business Through Literature and Culture

JUSTIFICATION:

This course has not been taught for many years, and we have no plans to teach it in the foreseeable future.

Department of History

A Gardiner/Mondor motion to approve the new courses was passed unanimously.

New Courses

HIST 3151: The American War in Vietnam

JUSTIFICATION:

This is a new elective upper-level course history course to expand offerings for History Majors and Minors; as an elective upper-level course it is open to all students. We request that you assign HIST 3151 to this course.

HIST 3158: War and Society: A Global Perspective

JUSTIFICATION:

This course accounts for trends in historical scholarship by examining the relationship between war and societies from a comparative, global perspective. The course will fulfill upper-level elective credit for any program and upper-level credit for History Majors and Minors. We request that this course be designated as HIST 3158.

Department of Music

A Gardiner/Mondor motion to approve the revised course was passed unanimously.

Revised Course

MUSC 4611: Seminar in Music Education

JUSTIFICATION:

The current Catalog Description is outdated. This course is not taken concurrently with any other courses. It is now the final course in the four-semester music education sequence. The new description accurately describes the content of the course, the field experience requirement, and the prerequisites.

Department of Sociology and Anthropology

A Gardiner/Mondor motion to approve the new courses, revised course, and revised programs was passed unanimously.

New Courses

ANTH 3131: Foraging to Farming

JUSTIFICATION:

This is a new course. We have recently added three new faculty members and are restructuring our program to better accommodate the needs of the students and the skills and research experience of the new faculty. As part of the restructuring of the major we are re-sequencing our courses and would prefer for this one to be numbered ANTH 3131 if possible.

ANTH 3151: Contact: Worlds Collide

JUSTIFICATION:

This is a new course. We have recently added three new faculty members and are restructuring our program to better accommodate the needs of the students and the skills and research experience of the new faculty. As part of the restructuring of the major we are re-sequencing our courses and would prefer for this one to be numbered ANTH 3135.

ANTH 4335: Reading Culture

JUSTIFICATION:

This is a new course. We have recently added three new faculty members and are restructuring our program to better accommodate the needs of the students and the skills and research experience of the new faculty. As part of the restructuring of the major we are re-sequencing our courses and would prefer for this one to be numbered ANTH 4335.

SOCI 2434: Social Data Analysis

JUSTIFICATION:

The American Sociological Association has documented that the ability to understand and communicate with social data facilitates job opportunities for students with a degree in Sociology. This course will give students the option to gain hands-on social data analysis skills and develop the skills to read and write research reports, thereby increasing their employability. Similar course are required in most sociology programs at universities of this size.

Please number this course SOCI 2434 if possible.

SOCI 3332: Sociology of Sexuality

JUSTIFICATION:

This course fills a void in our sociology curriculum. It is typical for universities of this size to include a sociology course on sexuality. Please number this course SOCI 3332 if possible

SOCI 3531: Introduction to LGBT Studies

JUSTIFICATION:

This course fills a void in course offerings on the topic of the LGBT population within the Sociology program. It is typical for universities of this size to have a course which addresses the study of the LGBT community. Please number this course SOCI 3531 if possible.

Revised Course

ANTH 2231H: Biol Anthropology (Honors)

JUSTIFICATION:

The regular section of this Honors Section was renumbered to ANTH 2131, but this was inadvertently overlooked. It needs to be renumbered to conform to the regular section -- ANTH 2231H.

Revised Programs

BA-ANTH: Anthropology B.A.

JUSTIFICATION:

We have requested this restructuring in order to increase the rigor of our program and to better prepare students for careers in our field.

BS-SOCI: Sociology B.S.

JUSTIFICATION:

We have hired new faculty who are expanding our curriculum offerings to include gerontology and sexuality courses which are critical to understanding contemporary issues in modern day society. In accordance with the American Sociological Association recommendation and norms at other institutions of this size, we are also expanding course offerings to include a hands-on data social analysis course as an option for our students.

Department of Writing and Linguistics

A Gardiner/Mondor motion to approve the revised course and revised program was passed unanimously.

Revised Courses

WRIT 4130: Creative Nonfiction Writing

JUSTIFICATION:

Take the hyphen out of the course name to reflect current accepted discipline spelling of nonfiction. Add the word Writing to make course title consistent with other courses in our program.

WRIT 5531: Advanced Creative Nonfiction Writing

JUSTIFICATION:

Take the capital letter out of the course name to reflect current accepted discipline spelling of nonfiction and add the word writing to make title consistent with other courses in our program.

Revised Program

BA-WRLG: Writing and Linguistics B.A.

JUSTIFICATION:

The Writing Studies area of our major was inadvertently left out of the catalog when our areas of concentration were combined into one program page. The Writing Studies courses offered were then put under the Professional and Technical Writing area. The changes listed here bring the Writing Studies area back into the catalog.

Department of Literature and Philosophy

A Gardiner/Mondor motion to approve the new courses was passed unanimously.

New Course

ENGL 5336: Modern and Contemporary American Literature

JUSTIFICATION:

This course is needed to provide coverage of an important area in American literature for students majoring in English. English 5336 will fulfill a requirement for English majors to take a course that broadly covers some period of American literature.

**C. College of Business
School of Accountancy**

A Gardiner/Mondor motion to approve the revised courses was passed unanimously.

Revised Courses

ACCT 2101: Financial Accounting

JUSTIFICATION:

one incorrect word in the prerequisites

ACCT 4133: Intermediate Accounting III

JUSTIFICATION:

Adding another prerequisite. ACCT 4133 covers material that requires knowledge covered in ACCT 3330 (Income Taxes).

ACCT 4631: Fraud Examination

JUSTIFICATION:

Minor changes to administratively change the name of the course and update prerequisites.

Department of Information Systems

A Gardiner/Mondor motion to approve the revised course and revised programs was passed unanimously.

Revised Course

CISM 4239: Advanced Business Analytics with SAP HANA

JUSTIFICATION:

Change to pre-requisite to allow IT students who have completed their equivalent database management course (IT 3233) instead of CISM 4134. Either class is acceptable.

Revised Programs

191A: Enterprise Resources Planning (ERP) Systems Minor

JUSTIFICATION:

CISM 4237 Business Intelligence incorporates ERP concepts and therefore, it can be included within the list of optional courses for ERP.

BBA-INFO: Information Systems B.B.A.

JUSTIFICATION:

Boilerplate information for honors students is being added. This is being done across all College of Business majors.

BBA-INFOBI: Information Systems B.B.A. (Business Intelligence Emphasis)

JUSTIFICATION:

Boilerplate information for honors students is being added. This is being done across all College of Business majors.

BBA-INFOERPS: Information Systems B.B.A. (Enterprise Resource Planning Systems Emphasis)

JUSTIFICATION:

Boilerplate information for honors students is being added. This is being done across all College of Business majors.

BBA-INFOES: Information Systems B.B.A. (Enterprise Security Emphasis)

JUSTIFICATION:

Boilerplate information for honors students is being added. This is being done across all College of Business majors.

D. College of Education

Department of Teaching and Learning

A Gardiner/Mondor motion to approve the new course, revised course, and revised program was passed unanimously.

New Course

ESED 4700: Beginning of P-12 School Year Experience

JUSTIFICATION:

The Georgia Professional Standards Commission (GaPSC), which oversees teacher certification in Georgia, and the National Council for the Accreditation of Educator Preparation (CAEP) encourages all teacher preparation programs to provide teacher candidates with a beginning of the school year experience. Since P-12 schools begin prior to the beginning of the fall semester for Georgia Southern University. This course allows teacher candidates to participate in the beginning of a school year in a P-12 classroom while officially enrolled as a Georgia Southern student and covered with tort liability insurance.

Revised Course

SPED 4734: SPED 6-12 Practicum

JUSTIFICATION:

This course is currently being offered semester three in the program of study for the BSED in Special Education. It is taken the same semester as SPED 4733. Therefore SPED 4733 is listed as a co-requisite. The program is going to change when SPED 4733 is offered in the program making SPED 4733 no longer needed as a co-requisite. The program has also removed SPED 3631 as a co-requisite because this

course is being removed from the program of study. The objectives from SPED 3631 are already covered in other courses. SPED 3631 will be replaced with ITEC 5233.

Revised Program

BSED-HEPE: Health and Physical Education B.S.Ed.

JUSTIFICATION:

The program is being revised as KINS 3230 is being removed from the Health Science and Kinesiology Core. KINS 4617 is being revised to a 3 hour course versus a 1 hour course and therefore will have an updated course number, KINS 4637. Also KINS 3435 is being revised with a title change. With these changes, the total hours for the program will be 125 total hours. Additional program revision justification: Per University policy, the program hours may not be decreased below 126 total program hours. Therefore another revision to the program is being made to return the program to 126 total hours. The current course, KINS 4431 which is in the program of study, is being revised to increase the course to 4 credit hours. The course number will also be adjusted to KINS 4441 to reflect the credit hour revision. This course revision is being placed in the CIM system as well as the new program revision. Note the updated course number and credit hour will reflect in the program of study once the curriculum process is complete.

Department of Leadership, Technology and Human Development

A Gardiner/Mondor motion to approve the new courses, revised course, and new program was passed unanimously.

New Courses

ITEC 3131: Principles of E-Learning

JUSTIFICATION:

This course meets Instructional Technology and Design standards established by the Association for Educational Communications and Technology (AECT), an organization that brings together instructional technology & design professionals in business, health, government, and education. Principles of e-Learning is a foundational course that introduces students to theories and applied learning principles for the design of e-learning environments in professional and educational settings.

ITEC 3132: Introduction to Instructional Design

JUSTIFICATION:

This course meets Instructional Technology and Design standards established by the Association for Educational Communications and Technology (AECT), an organization that brings together instructional technology & design professionals in business, health, government, and education. Introduction to Instructional Design prepares students to design and develop professional learning experiences and materials using different approaches for a broad range of business, industry, and educational settings. This course will introduce students to models of instructional design and technology integration

ITEC 3133: Multimedia Message Design

JUSTIFICATION:

The course is required for a new fully online undergraduate minor. The minor is 5 courses (1 at the 2000 level, 3 at the 3000 level, and 1 at the 4000) for non education majors. The course is designed to meet the standards established by the Association for Educational Communications and Technology (AECT), an organization that brings together instructional technology design professionals in business, health, government, and education.

ITEC 4134: E-Learning Project Management and Evaluation

JUSTIFICATION:

This course meets Instructional Technology and Design standards established by the Association for Educational Communications and Technology (AECT), an organization that brings together instructional technology & design professionals in business, health, government, and education. Management and evaluation of e-Learning are core standards of AECT. The course introduces students to the skills, knowledge, and dispositions related to these standards in the context of e-Learning environments in professional and educational settings.

Revised Course

ITEC 5233: Foundations of Technology-Enabled Learning

JUSTIFICATION:

To revise the current course number to ITEC 5233 to allow a cross listing with new course, ITEC 5233G, allowing graduate credit. Also to correct prerequisite and corequisite errors in previous curriculum submission. No prerequisites or corequisites are needed for this course.

New Program

: Instructional Technology Minor

JUSTIFICATION:

The undergraduate Instructional Technology minor is an interdisciplinary minor that prepares students to experience instructional and design challenges through instructional technology systems design, development utilization, management, and evaluation. The program will be open to all non-education undergraduate majors.

E. College of Science and Mathematics Department of Biology

A Gardiner/Mondor motion to approve the new course was passed unanimously.

New Course

BIOL 5141: Forensic Biology

JUSTIFICATION:

On the basis of student evaluations, from piloting this course as a Selected Topics course, there is a high demand to have the content taught in Forensic Biology offered on a regular basis. This course will provide a basic understanding of the roles that biologists play when collaborating with law enforcement in civil and criminal

investigations. This is an integrative course, incorporating content from biological areas such as anatomy, botany, entomology, genetics, physiology, and toxicology, in addition to other STEM fields such as chemistry, mathematics, and physics. Due to its human-centered, problem-solving approach, this course is highly desirable for students preparing to attend graduate or professional (dental, medical, and veterinary) schools. In addition, this course provides a little known career path in fields such as: academia, forensic sciences, and government (FBI, GBI).

Department of Chemistry and Biochemistry

A Gardiner/Mondor motion to approve the revised program was passed unanimously.

Revised Program

BA-CHEM/BIOC: Chemistry B.A. (Concentration in Biochemistry)

JUSTIFICATION:

Recent changes have moved BIOL 2108 out of the biology minor (it is now a prerequisite). This had the effect of pushing the BA Chemistry/Concentration Biochemistry degree to be greater than 126 credit hours for some students. By moving BIOL 2108 into the specific requirements for the degree and lowering the number of elective credits required, this change makes returns the degree to a total of 126 credit hours for completion.

Department of Geology and Geography

A Gardiner/Mondor motion to approve the new course and revised courses programs was passed unanimously.

New Course

GEOL 5340: Barrier Island Environmental Geology

JUSTIFICATION:

The Barrier Island Environmental Geology course provides a field-based multidisciplinary science experience in a coastal environment during a period of great emphasis on coastal research and coastal evolution. The course can be taken concurrently with GEOL 5740 to provide an eight credit hour advanced elective package facilitating completion of Geology major degree requirements. The GEOL 5740/5340 concurrent course package also supports students seeking a Sustainability Concentration and those pursuing a Minor in Geology. This course includes team research projects within a field-based learning environment that integrates the subdisciplines of physical, historical, and coastal geology, and hydrogeology, in the context of barrier island evolution, ecology and anthropogenic influences. The rapid shoreline migration of the host site (St. Catherines Island, GA) provides a unique opportunity to examine and address the impact of sea level rise on the greater coastal environment, essential natural resources, and critical wildlife habitat.

Revised Courses

GEOG 5091: Applied GIS

JUSTIFICATION:

This course already exists, but link showing cross-listing with the graduate version (GEOG 5091G) was not indicated. The description was updated to indicate graduate expectations (to match statement in the "G" version proposal).

GEOL 5740: Sea Turtle Natural History

JUSTIFICATION:

The course description was updated to better-suit the current nature of the course, and the prerequisite changed to "permission of instructor" due to the need to coordinate early with students intending to participate in the course (because of the need to coordinate logistics with St. Catherines Island). The course fee is requested to cover food and lodging needs while on the island as there are no commercial facilities on the island available to the students.

F. College of Health and Human Sciences School of Nursing

A Gardiner/Mondor motion to approve the revised courses and new program was passed unanimously.

Revised Course

NURS 3140: Critical Inquiry: Nursing Research and Applied Statistics

JUSTIFICATION:

Co-requisite course number is changing.

NURS 3163: Nursing Care of Adults

JUSTIFICATION:

Co-requisite course number is changing.

NURS 3222: Pharmacologic and Integrative Therapeutics II

JUSTIFICATION:

Structure of Pharmacology curriculum have been changed so this course is being reactivated.

NURS 3252: Mental Health Nursing

JUSTIFICATION:

Co-requisite course numbers are changing.

New Program

: RN-BSN

JUSTIFICATION:

In the 2016-2017 undergraduate Catalog, the RN – BSN program is classified under the pre-licensure – BSN program. In actuality, these are two separate academic degree programs, attracting two different student populations and encompassing different program requirements. Students eligible for one program would never be

eligible for the other. Finally, students enrolled in the RN – BSN program are only required to complete 120 credit hours to graduate compared with students enrolled in the pre-licensure – BSN program who must complete 126 credit hours to graduate.

Department of Health and Kinesiology

A Gardiner/Mondor motion to approve the new course and revised courses programs was passed unanimously.

New Course

SMGT 3130: Fan Behavior in Sport

JUSTIFICATION:

This course has been taught for years under the Special Topics course number (SMGT 4090) and needs to be listed under its own code.

Revised Courses

KINS 3435: Motor Learning and Development

JUSTIFICATION:

Need for Course Updates: 1. To combine the content in the current Motor Development and Motor Control classes. 2. To keep the Health & Physical Education program credit hours at 125. 3. To provide the HPE candidate with sufficient content and applied knowledge related to motor learning and development. 4. To facilitate existing field experience requirements mandated by the GA professional standards commission (PSC). Currently, HPE candidates are taking motor control in the summer so it does not conflict with the Fall field experience placement.

KINS 4130: Administrative Principles in Kinesiology

JUSTIFICATION:

To allow course to be offered online in the summer.

KINS 4431: Instructional Design in Health and Physical Education for Middle and High School Students

JUSTIFICATION:

This course has a more extensive field experience than any other laboratory or field based course. The field experience includes more videotaping, written commentaries, and reflective analysis of teaching to help prepare candidates for a successful student teaching experience. Thus, it is warranted as a four hour class. To comply with university policy, the course number should be revised to KINS 4441 to reflect the proposed course hour revision. This course revision will be included the proposed program revision for the BSED Health and Physical Education program.

KINS 4637: Senior Seminar in Health and Physical Education

JUSTIFICATION:

This course has a more extensive field experience than any other laboratory or field based course. The field experience includes more videotaping, written commentaries, and reflective analysis of teaching to help prepare candidates for a successful student

teaching experience. Thus, it is warranted as a four hour class. To comply with university policy, the course number should be revised to KINS 4441 to reflect the proposed course hour revision. This course revision will be included the proposed program revision for the BSED Health and Physical Education program.

School of Human Ecology

A Gardiner/Mondor motion to approve the new course, revised courses, and revised programs was passed unanimously.

New Course

CHFD TBD-1: Therapeutic Benefits of Play in Child Life

JUSTIFICATION:

We are piloting this course in preparation for the requirements from the Child Life Council that all certified child life specialists must take a course in therapeutic play. The goal will be for this to eventually enter the regular academic year course rotation.

Revised Courses

CHFD 3136: Adult Development and Later Life

JUSTIFICATION:

The addition of a Service Learning component is being put forward. Currently, Service Learning within the Department of Child and Family Development (CHFD) only offers opportunities for engaging with youth. A Service Learning component added to CHFD 3136: Adult Development and Later Life would expand on the current offerings to CHFD students to allow for field experience in working with adult populations.

CHFD 4132: Death and Bereavement across the Lifespan

JUSTIFICATION:

The request to have two of the three prerequisites dropped for CHFD 4132 is being made in order to allow the addition of CHFD 4132 to the list of course offerings for the CHFD Minor. Content within CHFD 4132 can be mastered without previous completion of CHFD 2135: Child Development and CHFD 2136: Introduction to Family Services.

CHFD 4238: Child Life Practice in Healthcare

JUSTIFICATION:

Changing the prerequisites from permission of instructor to courses necessary to complete this course.

CHFD 4790: Internship in Child and Family Development

JUSTIFICATION:

The CHFD faculty have voted to change the GPA for internship from a 2.25 to 2.5. While GPA is not a complete representation of a student, it is a threshold in place to ensure qualified and prepared students are given the internship opportunity. For students not meeting the 2.5 cut off, they will benefit from taking

the additional coursework on campus in lieu of the 9-12 credit internship experience. We recognize that student learning occurs on a spectrum, and that this proposed change will enhance rigor.

Revised Programs

039A: Child and Family Development Minor

JUSTIFICATION:

The CHFD faculty would like to provide more options for students pursuing a CHFD minor.

BS-CHFD: Child and Family Development B.S.

JUSTIFICATION:

The CHFD faculty have voted to change the GPA for internship from a 2.25 to 2.5. While GPA is not a complete representation of a student, it is a threshold in place to ensure qualified and prepared students are given the internship opportunity. For students not meeting the 2.5 cut off, they will benefit from taking the additional coursework on campus in lieu of the 9-12 credit internship experience.

Selected Topics Announcement – For Information Only

20: Therapeutic Benefits of Play in Child Life

JUSTIFICATION:

We are piloting this course in preparation for the requirements from the Child Life Council that all certified child life specialists must take a course in therapeutic play. The goal will be for this to eventually enter the regular academic year course rotation.

G. College of Engineering and Information Technology Department of Computer Sciences

A Gardiner/Mondor motion to approve the revised courses was passed unanimously.

Revised Courses

CSCI 1301: Programming Principles I

JUSTIFICATION:

The CS department would like a higher level of math skills before students attempt to take CSCI 1301.

CSCI 1301H: Programming Principles I

JUSTIFICATION:

The CS department would like a higher level of math skills before students attempt to take CSCI 1301H.

CSCI 1301S: Programming Principles I

JUSTIFICATION:

The CS department would like a higher level of math skills before students attempt to take CSCI 1301S.

Department of Information Technology

A Gardiner/Mondor motion to approve the new course was passed unanimously.

New Course

IT 5233: Web and Mobile Security Fundamentals

JUSTIFICATION:

Cybersecurity has become a cornerstone of the information technology discipline. It has become sufficiently specialized to warrant a specific course addressing aspects of cybersecurity as they related to web and mobile platforms.

Department of Civil Engineering and Construction Management

A Gardiner/Mondor motion to approve the new courses, revised courses, new program, and revised program was passed unanimously.

New Courses

CENG 1731: Civil Engineering Computations

JUSTIFICATION:

This course replaces ENGR 1731, Computing for Engineers in the existing civil engineering and the proposed new construction engineering curricula. This course also provides an opportunity for students to gain an early introduction to the civil and construction engineering programs in the freshman year, enhancing early engagement with program faculty and content, and potentially affecting retention.

CENG 4730: Experiential Learning in Civil and Construction Engineering - COOP

JUSTIFICATION:

This new course is needed in support of the revised Bachelor of Science in Civil Engineering (BSCE) degree, and the proposed new Bachelor of Science in Construction Engineering (BSConE) degree,. Students electing to participate in Experiential Learning (COOP) will enroll in this course to receive three (3) credit hours in Civil Engineering and Construction electives,

CENG 5090: Selected Topics in Civil Engineering

JUSTIFICATION:

This new course provides for specialized study in the area of Civil Engineering not otherwise covered by the BSCE program. Its companion course CENG 5890G is necessary in support of the proposed new Master of Science in Civil Engineering (MSCE) degree program. This course will also allow for cross-listing of undergraduate and graduate enrollment in support of senior privilege.

CENG 4132: Water and Sanitation for International Development

JUSTIFICATION:

This course complements the topics covered in previous courses relating to fluid mechanics, environmental engineering, and public health by illustrating how these courses apply to real-world design applications in developing countries where projects are heavily constrained by funding limitations and technical constraints. Sustainable development of water and wastewater systems in developing countries often require technologies and approaches that

differ from those commonly used in industrialized countries. It requires a broader, more multi-disciplinary strategies that integrate engineering infrastructure, environmental sustainability, and public health with education and community capacity developing. This course prepares students to develop unique, creative, and sustainable solutions to water and sanitation problems common throughout the developing world.

TCM 4730: Experiential Learning in Construction Management - COOP

JUSTIFICATION:

This new course is needed in support of the revised Bachelor of Science in Construction Management (BSCons) degree. Students electing to participate in Experiential Learning (COOP) will enroll in this course to receive three (3) credit hours in Construction electives,

TCM 5333: Building Information Modeling

JUSTIFICATION:

This course is needed in support of the new proposed Bachelor of Science in Construction Engineering (ConE) program, the new proposed Master of Science in Civil Engineering (MSCE) program, and the existing BSCE and BSCons programs in the Department of Civil Engineering and Construction Management. This course will be cross-listed as a graduate course (TCM 5333G) and as an elective course (TCM 5333) for Civil and Construction Engineering students.

Revised Courses

CENG 3135: Construction Cost Control and Finance

JUSTIFICATION:

The course is offered on-line as well as face-to-face, thus requiring "Asynchronous" status.

CENG 4518: Introduction to Senior Project

JUSTIFICATION:

The contact hours for the course are increased to accommodate two (2) fifty (50) minute class meetings per week going forward - one meeting for lecture, and two hours for lab activities.

CENG 5137: Engineering Hydrology and Hydraulics

JUSTIFICATION:

This revised course will continue to provide students with hydraulics content currently covered in the Open Channel and Pumps course, but rather than spend 8 weeks covering pumps, pump content will be condensed to 2 weeks in order to provide 6 weeks of hydrology-related content. The need to provide more hydrology-related content is based on feedback from graduating students, the department water resources and environmental engineering curriculum committee, and program advisory board members.

TCM 3331: Construction Finance

JUSTIFICATION:

The course is offered on-line as well as face-to-face, thus the need for "Asynchronous" designation.

TCM 4710: Construction Internship

JUSTIFICATION:

This course revision is needed for the revised Bachelor of Science in Construction Management (BSCons) degree. This course revision is also needed in support of the new proposed Bachelor of Science in Construction Engineering (ConE) program,

TCM 5330: Green Building and Sustainable Construction

JUSTIFICATION:

The course is offered on-line as well as face-to-face, and thus the need for "Asynchronous" designation.

New Program

: Bachelor of Science in Construction Engineering

JUSTIFICATION:

The proposed new BS in Construction Engineering degree program will supplement and complement the existing Civil Engineering and Construction Management programs in the College of Engineering and Information Technology at Georgia Southern University. Civil engineers and construction managers often work with construction engineers to deliver complex construction projects. While a civil engineer generally focuses on design, and the construction manager focuses on the management of time and resources, the construction engineer often bridges the gap between these two professions with the technical and management skills necessary for the efficient and safe delivery of complex projects. The proposed Construction Engineering program will fill a substantial gap in our academic programs, needed to attract and prepare practice-ready engineers who are in high demand by current and prospective employers due to the resurgence of the construction industry in the US.

Revised Program

BSCE-CIVL: Civil Engineering B.S.C.E.

JUSTIFICATION:

This is a correction to an apparent typo from previous edits. The correct course for Area C, as required for program accreditation is COMM 1110, Public Speaking instead of COMM 1100 Introduction to Human Communication.

Department of Electrical Engineering

A Gardiner/Mondor motion to approve the revised courses, new program, and inactivated program was passed unanimously.

Revised Courses

EENG 3420: Linear Systems

JUSTIFICATION:

This request is to correct an error that was approved previously. Mistakenly, the previous course revision listed a prerequisite course number for an inactive course. To correct that error, the prerequisite is being changed from ENGR 2334 (Circuit Analysis I) to EENG 3335 (Circuit Analysis II). The course content of ENGR 2334 does not provide sufficient depth to adequately prepare students for EENG 3420 - Linear Systems. EENG 3335 - Circuit Analysis II, which includes additional course content and an integrated lab, provides in-depth coverage of AC Analysis and transfer functions for systems and provides (along with MATH 3230

Ordinary Differential Equations) the necessary prerequisite content for Linear Systems (EENG 3420).

EENG 5090: Selected Topics in Electrical Engineering

JUSTIFICATION:

Update this course in order for students to have the option to take this course online

EENG 5544: Smart Grids Technology Fundamentals

JUSTIFICATION:

This is an elective course for the Electrical Engineering program to provide students with fundamentals of smart grid technologies to introduce students to contemporary topics related to distributed generation, micro-grids, renewable energy sources, and smart homes applications. The course will be unique in the Electrical Engineering department.

New Program

TBD: Computer Engineering

JUSTIFICATION:

The demand for Computer Engineers is always strong in the US and also in Georgia due to job growth and higher salaries. In Georgia, only Georgia Tech offers a bachelor degree in Computer Engineering. There are few other institutions in Georgia which offer degree in either Computer Technology or Computer Systems Engineering. Thus there is a strong need for Computer Engineering program not only in this southern part of Georgia but also in the state overall. There is strong pool of students come to GSU's RETP/REPP program with major in Computer Engineering. Many of these students would have stayed in GSU had there been such a program due to GSU's location and low living cost. Moreover, Georgia Tech's Computer Engineering program is one of the top in the nation and acceptance rate to that program is very low. Thus many of these REPP students would like to continue in Computer Engineering program of GSU if they do not qualify for Georgia Tech's. GSU's Electrical Engineering (EE) department is in very strong position to offer this degree program with a little change in its existing curriculum. Electrical Engineering faculty surveyed the scope of opening this new program and all came up with the conclusion that it is time to create this new program which will not only enhance the existing EE program but also create new avenues for the university.

Inactivated Program

053B: Computer Engineering Second Discipline Concentration

JUSTIFICATION:

All second discipline concentrations for the IT program will be inactivated due to program curriculum revisions and to agree with ABET-CAC accreditation requirements.

Department of Mechanical Engineering

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised program was passed unanimously.

New Courses

ENGR 1121: Computing Applications in Mechanical Engineering

JUSTIFICATION:

This is a required course for Mechanical Engineering major. This course is an introductory course to the computing techniques for mechanical engineering students, utilizing discipline specific software and application examples. It replaces ENGR 1731 (Computing for Engineers) which has taken on too heavily of an electrical engineering emphasis. The course also responds to input from the Mechanical Engineering Professional Advisory Committee with regards to applications and software content.

ENGR 1121H: Computing Applications in Mechanical Engineering

JUSTIFICATION:

This is a required course for Mechanical Engineering major. This course is an introductory course to the computing techniques for mechanical engineering students, utilizing discipline specific software and application examples. It replaces ENGR 1731 (Computing for Engineers) which has taken on too heavily of an electrical engineering emphasis. The course also responds to input from the Mechanical Engineering Professional Advisory Committee with regards to applications and software content.

ENGR 2137: Introduction to Renewable Energy

JUSTIFICATION:

The proposed course ENGR 2137 will serve as an undergraduate free elective for both majors and non-majors. It will also serve as the credit-bearing component of a potential international study-abroad program. This course will be a combination of lectures and supervised laboratory serving as an introductory theory and engineering applications of renewable energy and energy science. It complements CEIT established thrust in Renewable Energy and the Summer German Engineering Abroad program. It will serve our university mission by contributing to the strategic themes of academic distinction and technological advancement.

Revised Courses

ENGR 1133: Engineering Graphics

JUSTIFICATION:

The current revised content will focus on current trends in engineering graphics, particularly emphasizing three dimensional CAD model rather than two dimensional hand and computer aided drawing. This modification is in-line with what peer universities have implemented, as well as feedback from our program's external professional advisory committee. The revision will change the content and description of the course, the course subject, number and title remains the same. This revision has been supported by the programs' external professional advisory committee and the departmental curriculum committee and faculty

ENGR 1133H: Engineering Graphics

JUSTIFICATION:

The current revised content will focus on current trends in engineering graphics, particularly emphasizing three dimensional CAD model rather than two dimensional hand and computer aided drawing. This modification is in-line with what peer universities have implemented, as well as feedback from our program's external professional advisory committee. The revision will change the content and description of the course, the course subject, number and title remains the same. This revision has been supported by the programs' external professional advisory committee and the departmental curriculum committee and faculty.

ENGR 2112: Solid Modeling and Analysis

JUSTIFICATION:

The revised content will focus on advanced solid modeling techniques and skills. Since much of the previous content has shifted towards ENGR 1133, this course can now be revised and introduce advanced concepts and skills that are driven by current professional needs and will result in improved student performance and capabilities.

ENGR 2112H: Solid Modeling and Analysis

JUSTIFICATION: The revised content will focus on advanced solid modeling techniques and skills. Since much of the previous content has shifted towards ENGR 1133, this course can now be revised and introduce advanced concepts and skills that are driven by current professional needs and will result in improved student performance and capabilities.

MENG 2139: Numerical Methods in Engineering

JUSTIFICATION:

The prerequisite course ENGR 1731 is replaced by new course ENGR 1721 to fit the increasing content and discipline specific requirements of computational skills for the students of mechanical engineering.

MENG 2139H: Numerical Methods in Engineering

JUSTIFICATION:

The prerequisite course ENGR 1731 is replaced by a new course ENGR 1721 to fit the increasing requirements of computational skills for the students of mechanical engineering.

MENG 3531: Introduction to Mechatronics

JUSTIFICATION:

The prerequisite course ENGR 1731 is replaced by a new course ENGR 1721 to fit the increasing requirements of computational skills for the students of mechanical engineering.

MENG 3531H: Introduction to Mechatronics

JUSTIFICATION:

Introduction to Mechatronics (MENG3531) is an updated version of the existing

required course Mechatronics Studio Lab (MENG3521) in the B.S. in Mechanical Engineering Program. MENG3531 includes application computing specific content to the course and reinforces theoretical foundation with hands-on learning activities of the existing course (MENG3521) in the area of mechatronics and measurement systems. It has also been determined that the current studio format of MENG 3521 (2-0-4), is in need of additional lecture content (3-2-2). One additional credit hour was freed in the curriculum by the concurrently proposed conversion of ENGR 1731 into ENGR 1721. Some of the electromechanical specific software and programming content from ENGR 1731 will be moved to this revised course.

MENG 4210: Energy Science Laboratory

JUSTIFICATION:

Introduction to Mechatronics (MENG3531) is an updated version of the existing required course Mechatronics Studio Lab (MENG3521) in the B.S. in Mechanical Engineering Program. MENG3531 includes application computing specific content to the course and reinforces theoretical foundation with hands-on learning activities of the existing course (MENG3521) in the area of mechatronics and measurement systems. It has also been determined that the current studio format of MENG 3521 (2-0-4), is in need of additional lecture content (3-2-2). One additional credit hour was freed in the curriculum by the concurrently proposed conversion of ENGR 1731 into ENGR 1721. Some of the electromechanical specific software and programming content from ENGR 1731 will be moved to this revised course.

MENG 4210H: Energy Science Lab (Honors)

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing requirements.

MENG 5135: Vibration and Preventive Maintenance

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit increasing content requirements.

MENG 5137: Mechanical System Design

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing content requirements.

MENG 5137H: Mechanical System Design

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing requirements.

MENG 5233: Wind Energy

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing content requirements.

MENG 5238: Engine Development and Performance

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing content requirements.

MENG 5331: Automation and Computer Integrated Manufacturing Systems

JUSTIFICATION:

The prerequisite course ENGR 1731 is replaced by new course ENGR 1721 to fit the increasing requirements of computational skills for the students of mechanical engineering.

MENG 5333: Robot Dynamics, Design and Analysis

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing requirements

MENG 5536: Mechanical Controls

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing requirements.

MENG 5536H: Mechanical Controls (Honors)

JUSTIFICATION:

The prerequisite course MENG 3521 is replaced by new course MENG 3531 since the MENG 3521 is upgraded to MENG 3531 to fit the increasing requirements.

Revised Program

BSME-MECH: Mechanical Engineering B.S.M.E.

JUSTIFICATION:

1. The changes to the honors program streamlines course requirements, bringing them more in line with other honors program across campus. It also creates a less rigid curriculum, that allows students more flexibility in selecting from an approved list of courses that are more likely to be offered with greater frequency. 2. Based on the suggestions of Mechanical Engineering Professional Advisory Committee and faculty review, following two curriculum changes were made to improve computational and hand-on skills: a) New course ENGR 1721 (Computing Applications in Mechanical Engineering) is proposed and replaces ENGR 1731 (Computing for Engineers), which has taken on too heavily of an electrical engineering emphasis, to improve the computing techniques for mechanical engineering students, utilizing discipline specific software and application examples.

b) MENG 3521 (Mechatronics Studio Lab) is upgraded to MENG 3531 (Introduction to Mechatronics) to reinforce theoretical foundation with hands-on learning activities of the existing course (MENG 3521) in the area of mechatronics and measurement systems. c) New course MENG 5631 (Entrepreneurship in Engineering) is proposed as senior-level electives to encourage students to apply innovative thinking in order to build successful future oriented companies in the future. 3) Reflect the curriculum changes content changes made to ENGR 1721, MENG 3531 and MENG 5631, related 20 prerequisites changes are made. 4) Add senior-level electives to the list to ensure proper DegreeWorks scheduling and students receiving credit for financial aid.

H. College of Public Health

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised program was passed unanimously.

Department of Health Policy and Management

New Course

PUBH 3432: Introduction to Global Health Policy

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

Department of Public Health (General)

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised program was passed unanimously.

New Course

PUBH 3431: Introduction to Global Health

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global

populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

New Programs

: Health and Education Promotion B.S.P.H. (Concentration in Global Health)

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

: Global Health Minor

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

Department of Community Health Behavior and Education

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised program was passed unanimously.

New Course

PUBH 4234: International Development in Health (Poverty, Social Justice and Global Health)

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

Revised Course

PUBH 4230: Global Maternal and Child Health

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

Revised Program

BSPH-HEDP: Health Education and Promotion B.S.P.H.

JUSTIFICATION:

The BSPH program is adding an additional emphasis area which necessitates moving from a major to concentrations.

Department of Environmental Health

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised program was passed unanimously.

New Course

PUBH 4232: Global Environmental Health

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

Department of Epidemiology

A Gardiner/Mondor motion to approve the new courses, revised courses, and revised program was passed unanimously.

New Course

PUBH 4233: Topics in Global Epidemiology

JUSTIFICATION:

The Association of Schools and Programs of Public Health (ASPPH) has identified concentrations in Global health central to the interdisciplinary approach to studying the health of populations across the world, irrespective of national or political boundaries. Students who concentrate in global health have a strong interest in examining the ways health disparities and specific risk factors affect local and global populations. Students of global health often learn how international agencies advocate for individuals, increase access to healthcare, and ensure top health standards are met around the world. Global health focuses on improving the health and health equity of all people worldwide. The public health field confronts global health issues, such as improving access to health care, controlling infectious disease, and reducing environmental hazards, violence, substance abuse, and injury. It spans many disciplines and is regularly spotlighted in popular culture and media.

V. PROGRAM REVIEW

Dr. Ron MacKinnon asked Ms. Candace Griffith of the Provost's Office to provide an update on the program reviews. She informed the committee that those members who will be participating in the process will be receiving the program reviews from the chair. A provided rubric will be used to review and score the programs. At the April 2017 Undergraduate Curriculum Committee Meeting, the program reviews will be discussed and voted on. From there, they will move on to the Faculty Senate for approval.

VI. OTHER BUSINESS

A. Graduate Expectation Statements

Ms. Doris Mack asked for a blanket approval from the committee to remove the graduate expectation statement from the catalog descriptions of all 5000 level courses. Upon learning that undergraduate courses did not need this information, the Registrar's Office has would like to remove the statement on all of the undergraduate courses in question for the sake of consistency.

An Aasheim/Leckie motion to approve the removal of the graduate expectation statement was passed unanimously.

VII. ADJOURNMENT

There being no further business to come before the committee, an Aasheim/Leckie motion to adjourn the meeting at 3:52 p.m. passed unanimously.

Respectfully Submitted on Behalf of Jade Brooks, Recording Secretary




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TO: Dr. Richard Flynn (CLASS), Chair, Senate Executive Committee
FROM: Jaimie Hebert, Ph.D., President 
DATE: March 7, 2017
SUBJECT: **March 6, 2017, Faculty Senate Recommendation
Undergraduate Committee Minutes 2/14/2017**

Following receipt of the Faculty Senate's recommendation at the March 6, 2017, Faculty Senate meeting, I have approved the actions of the Undergraduate Committee as recorded in their minutes of February 14, 2017.

gm

c. Dr. Jean Bartels
Ms. Candace Griffith
Dr. Ron MacKinnon