Curriculum Committee
AGENDA
Monday, August 16, 2021
Noon

I. Call to Order

II. New Business

   A. Election of the positions: Chair-Elect and Secretary (to review minutes for accuracy)

       2021-22 Curriculum Committee members include:

       Completing Last Year of 2 Year Term:
       Dr. Ernest Enchelmayer (AH)
       Dr. Nina Goza (BA)
       Dr. Timothy Leggett (ED)
       Dr. Dong Soo Lee (EAS)
       Dr. Jeremy Schwehm (SN)
       Dr. Jackie Bowman (NHS)

       Newly Elected for 2 Year Term:
       Dr. Donna White (AH)
       Dr. Efosa Idemudia (BA)
       Dr. Debra Murphy (ED)
       Dr. Safeer Khan (EAS)
       Dr. Tennille Lasker-Scott (SN)
       Dr. Michael Davis (NHS)

       Dr. Jason Grosskopf (at large; 1- year term)

       Ms. Tammy Weaver, Registrar (ex officio)
       Dr. Christine Austin, Assessment (ex officio)
       Ms. Sheryle Tinerella, Library (ex officio)
       Vacant SGA members (ex officio)
       Vacant SGA members (ex officio)

B. Curricular Items

1. College of Engineering & Applied Sciences – Department of Computer and Information Science

    a. Add the following courses to the course descriptions:
       COMS 1011: Programing I Lab;
       COMS 3373: Data Center Operations;
       COMS 4413: Parallel and Distributed Computing;
       COMS 4913: Capstone; and
       CSEC 4153: Human Factors in Cybersecurity;
    b. Change the course number for COMS 2104: Foundations of Computer Programming I, to COMS 1013; and change the title to Programming I; and modify the prerequisites FROM: Prerequisites: MATH 1113 or MATH 1914 or MATH 2223 or MATH 2243 or MATH 2914, and either COMS 1403 and 1411 or ELEG 1011 or consent of instructor; and modify the course description;
    c. Add the Certificate of Proficiency in Computer Programming; and
    d. Add the Certificate of Proficiency in Computer Networking;

2. College of Natural and Health Sciences – Department of Mathematics
    a. Add the Certificate of Proficiency in Applied Statistics.

3. College of Education – Department of Health and Physical Education
    a. Add the following courses to the course descriptions:
       HES 1003: Introduction to Exercise Programming;
       HES 2013: Weight Training for Personal Trainer, Sport Coach, and Physical Educator;
       HES 2023: Endurance Conditioning;
       HES 3013: Coaching Power, Speed and Agility;
       HES 4043: Exercise Physiology Lab; and
       HES 4053: Biomechanics;
    b. Delete the following courses from the course descriptions:
       PE 2861: Rhythmic Aerobic Activities;
       WS 2031: Directing Food, Exercise and Body Composition Programs;
       WS 2081: Directing Muscle Fitness Programs; and
       WS 2091: Directing Fitness Walking/Jogging Programs;
    c. Change the title for HLED 1513: Personal Health and Wellness to Lifetime Health and Fitness, TO: Lifetime Health and Fitness;

d. Change the title for HLED 4403: Nutrition and Physical Fitness to Sport and Exercise Nutrition, TO: Sport and Exercise Nutrition; and modify the Prerequisites FROM: Prerequisites: PE 2653: Anatomy and Physiology, TO: Prerequisites: PE 2653: Anatomy and Physiology, and PE 4033: Exercise Physiology;

e. Change the title for WS 1002: Physical Wellness and Fitness to Physical Wellness and Fitness, TO: Physical Health and Fitness;

f. Change the title for WS 2003: Field Based Experience in Wellness to Field Based Experience in Health and Exercise Science, TO: Field Based Experience in Health and Exercise Science;

g. Change the title for WS 4003: Advanced Professional Seminar to Senior Seminar, TO: Senior Seminar; and modify the Prerequisites FROM: Prerequisites: Completion of all 1000- and 2000-level Wellness Science required classes; level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, and COMM 2173: Business and Professional Speaking, TO: Completion of all 1000- and 2000-level Wellness Science required classes; level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, and COMM 2173: Business and Professional Speaking; and 90 earned hours;

h. Change the title for WS 4012: Wellness and Fitness Program Management Internship to Health and Exercise Science Internship, TO: Heather and Exercise Science Internship;

i. Change the title for WS 4013: Wellness Science Practicum to Health and Exercise Science Practicum, TO: Wellness Science Practicum;

j. Modify the Prerequisites for WS 4023: Principles of Strength and Conditioning, FROM: Prerequisites: PE 2653: Anatomy and Physiology, and PE 3661: Laboratory Experiences in Anatomy/Physiology and Kinesiology, TO: PE 2653: Anatomy and Physiology, PE 3661: Laboratory Experiences in Anatomy/ Physiology and Kinesiology, and PE 4033: Exercise Physiology;

k. Change the title for WS 4063: Wellness and Fitness Programming TO: Health and Fitness Programming; and modify the Prerequisites FROM: Prerequisites: Level 2 courses require completion of

the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, and COMM 2173: Business and Professional Speaking, TO: Level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, COMM 2173: Business and Professional Speaking, and PE 4033: Exercise Physiology;

l. Change the title for WS 4991, 4992, 4993: Special Problems in Wellness Science to Special Problems in Health and Exercise Science, TO: Special Problems in Health and Exercise Science; and

m. Add the Bachelor of Science Curriculum Health and Exercise Science.

C. Fall meetings will be held at 3 p.m. on the following dates:

Tuesday, September 28, 2021
Tuesday, October 26, 2021
Tuesday, November 23, 2021
TBA December, 2021

Arkansas Tech University

Curriculum Committee Minutes

The Curriculum Committee met on Monday, August 16, 2022, at noon in the West Dining Room and via WebEx. The following are members of the committee:

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
Dr. Nina Goza (BA)
Dr. Timothy Leggett (ED)
Dr. Dong Soo Lee (EAS)
Dr. Jeremy Schwehm (SN)
Dr. Jackie Bowman (NHS)

Newly Elected for 2 Year Term:
Dr. Donna White (AH)
Dr. Efosa Idemudia (BA)
Dr. Debra Murphy (ED)
Dr. Safeer Khan (EAS)
Dr. Tennille Lasker-Scott (SN)
Dr. Michael Davis (NHS)

Dr. Jason Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

All committee members were present except Dr. Nina Goza. The following were present to answer questions regarding curriculum proposals: Dr. Jeff Robertson, Dr. Linda Bean, Dr. Judy Cezeaux, Dr. John Krohn, Dr. Rockie Pederson, Dr. Mike Waller, Dr. Jeanine Myers, Dr. Weijia Jia, and Ms. Rebecca Cunningham. Ms. Brandi Tripp and Ms. Alexis Scrimshire from the Registrar's Office were present to assist with technology.

After the membership list was read, Dr. Bowman called the meeting to order and asked for nominations for the chair elect and secretary positions. Dr. Schwehm, seconded by Dr. Enchelmayer, nominated Dr. Davis as chair elect.   Dr. Davis agreed to serve as chair elect position. Dr. Davis, seconded by Dr. Enchelmayer, nominated Dr. Schwehm as secretary. Dr. Schwehm agreed to serve in the secretary position. By acclamation, Dr. Davis and Dr. Schwehm were approved as chair elect and secretary, respectively.

OLD BUSINESS: No old business. Minutes approved by email vote after last meeting.

NEW BUSINESS:

CURRICULAR ITEMS

Motion by Dr. Idemudia, seconded by Dr. Murphy, to approve the proposals from College of Engineering & Applied Sciences – Department of Computer and Information Science as a block. Motion approved. Motion by Dr. Davis, seconded by Dr. Khan, to approve the below proposal. Motion approved.

1. College of Engineering & Applied Sciences – Department of Computer and Information Science

   a. Add the following courses to the course descriptions:
      COMS 1011: Programing I Lab;
      COMS 3373: Data Center Operations;
      COMS 4413: Parallel and Distributed Computing;
      COMS 4913: Capstone; and
      CSEC 4153: Human Factors in Cybersecurity;
   b. Change the course number for COMS 2104: Foundations of Computer Programming I, to COMS 1013; and change the title to Programming I; and modify the prerequisites FROM: Prerequisites: MATH 1113 or MATH 1914 or MATH 2223 or MATH 2243 or MATH 2914, and either COMS 1403 and 1411 or ELEG 1011 or consent of instructor; and modify the course description;
   c. Add the Certificate of Proficiency in Computer Programming; and
   d. Add the Certificate of Proficiency in Computer Networking;

Motion by Dr. Leggett, seconded by Dr. Schwehm, to approve the proposal from College of Natural and Health Sciences – Department of Mathematics

2. College of Natural and Health Sciences – Department of Mathematics
   a. Add the Certificate of Proficiency in Applied Statistics.

Dr. White, seconded by Dr. Idemudia, to approve the proposals from College of Education – Department of Health and Physical Education as a block. Motion approved. Motion by Dr. Leggett, seconded by Dr. Davis, to approve the below proposal. Motion approved.

3. College of Education – Department of Health and Physical Education
   a. Add the following courses to the course descriptions:
      HES 1003: Introduction to Exercise Programming;
      HES 2013: Weight Training for Personal Trainer, Sport Coach, and Physical Educator;
      HES 2023: Endurance Conditioning;

HES 3013: Coaching Power, Speed and Agility;

HES 4043: Exercise Physiology Lab; and

HES 4053: Biomechanics;

b. Delete the following courses from the course descriptions:

PE 2861: Rhythmic Aerobic Activities;

WS 2031: Directing Food, Exercise and Body Composition Programs;

WS 2081: Directing Muscle Fitness Programs; and

WS 2091: Directing Fitness Walking/Jogging Programs;

c. Change the title for HLED 1513: Personal Health and Wellness to Lifetime Health and Fitness, TO: Lifetime Health and Fitness;

d. Change the title for HLED 4403: Nutrition and Physical Fitness to Sport and Exercise Nutrition, TO: Sport and Exercise Nutrition; and modify the Prerequisites FROM: Prerequisites: PE 2653: Anatomy and Physiology, TO: Prerequisites: PE 2653: Anatomy and Physiology, and PE 4033: Exercise Physiology;

e. Change the title for WS 1002: Physical Wellness and Fitness to Physical Wellness and Fitness, TO: Physical Health and Fitness;

f. Change the title for WS 2003: Field Based Experience in Wellness to Field Based Experience in Health and Exercise Science, TO: Field Based Experience in Health and Exercise Science;

g. Change the title for WS 4003: Advanced Professional Seminar to Senior Seminar, TO: Senior Seminar; and modify the Prerequisites FROM: Prerequisites: Completion of all 1000- and 2000-level Wellness Science required classes; level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, and COMM 2173: Business and Professional Speaking, TO: Completion of all 1000- and 2000-level Wellness Science required classes; level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, and COMM 2173: Business and Professional Speaking; and 90 earned hours;

h. Change the title for WS 4012: Wellness and Fitness Program Management Internship to Health and Exercise Science Internship, TO: Heather and Exercise Science Internship;

i. Change the title for WS 4013: Wellness Science Practicum to Health and Exercise Science Practicum, TO: Wellness Science Practicum;

j. Modify the Prerequisites for WS 4023: Principles of Strength and Conditioning, FROM: Prerequisites: PE 2653: Anatomy and Physiology, and PE 3661: Laboratory Experiences in Anatomy/Physiology and Kinesiology, TO: PE 2653: Anatomy and

Physiology, PE 3661: Laboratory Experiences in Anatomy/Physiology and Kinesiology, and PE 4033: Exercise Physiology;

k. Change the title for WS 4063: Wellness and Fitness Programming TO: Health and Fitness Programming; and modify the Prerequisites FROM: Prerequisites: Level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, and COMM 2173: Business and Professional Speaking, TO: Level 2 courses require completion of the following with a grade of C or better: PE 1201: Orientation to Health, Physical Education, and Wellness Science, WS 1002: Physical Wellness and Fitness, ENGL 1013: Composition I, ENGL 1023: Composition II, MATH 1113: College Algebra, BIOL 1014: Introduction to Biological Science, COMM 2173: Business and Professional Speaking, and PE 4033: Exercise Physiology;

l. Change the title for WS 4991, 4992, 4993: Special Problems in Wellness Science to Special Problems in Health and Exercise Science, TO: Special Problems in Health and Exercise Science; and

m. Add the Bachelor of Science Curriculum Health and Exercise Science.

ANNOUNCEMENTS AND INFORMATION ITEMS

B. Ms. Weaver announced the Fall meetings would be held at 3 p.m. vis WebEx on the following dates:
Tuesday, September 28, 2021
Tuesday, October 26, 2021
Tuesday, November 23, 2021
TBA December, 2021

C. Ms. Weaver explained proposals requiring ADHE approval were considered at this August meeting to ensure all committee approvals are received in time to meet the catalog deadline. August proposals approved by the Curriculum Committee would be submitted for approval to the September Faculty Senate and October Board of Trustees. After approval, the proposals would be sent to ADHE by their November 1 deadline. The ADHE Coordinating Board meets in January. The catalog goes live March 1. All other proposals would be submitted to the September Curriculum Committee except for teacher licensure proposals. The Teacher Education Council will consider proposals involving teacher licensure in September so the Curriculum Committee would consider the proposals for approval in October Curriculum Committee.

ADJOURNMENT

Adjourned at 12:39 p.m.

Curriculum Committee
AGENDA
Tuesday, September 28, 2021
WebEx Meeting, 3 p.m.

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
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Dr. Jason Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

I. Call to Order

    A.   Approval of minutes from August 17, 2020, meeting

II. New Business

A. Curricular Items

1. College of Arts & Humanities – Department of Behavioral Sciences

   a. Add the following courses to the course descriptions:
      PSY 3103: Health Psychology;
      PSY 3123: Evolutionary Psychology;
      PSY 3183: Developmental Psychology: Adolescence;
      PSY 3191: Careers in Psychology;
      PSY 4021, 4022, 4023, 4024: Internships in Psychology;
      PSY 4103: Capstone: Advanced Psychological Science; and
      PSY 4203: Capstone: Psychology in the Community;
   b. Delete PSY 2074: Experimental Psychology, from the course descriptions; and
      c. Modify the Curriculum in Psychology, as follows: (1) delete PSY 4003: Advanced Research Method and Lab for Psychology, as a required course; (2) add PSY 3191: Careers in Psychology; (3) add a Capstone requirement which can be satisfied by taking 3 hours from the following: PSY 4003: Advanced Research Method and Lab for Psychology, PSY 4103: Capstone: Advanced Psychological Science, or PSY 4203: Capstone: Psychology in the Community; and (4) replace the current 12 hours Topical Core with 15 hours from the following courses:
            PSY 3053: Physiological Psychology, or PSY 4053: Psychology of Perception;
            PSY 3073: Psychology of Learning, or PSY 4073: Cognitive Psychology;
            PSY 4043: Social Psychology, or PSY 3123: Evolutionary Psychology;
            PSY 3003: Abnormal Psychology, or PSY 3153: Theories of Personality; and
            PSY 3063: Developmental Psychology I, or PSY 3183: Developmental Psychology: Adolescence;

2. College of Arts & Humanities – Department of Communication & Journalism

   a. Add the following courses to the course descriptions:
      COMM 3133: Digital Civility;
      COMM 3263: Podcast and Radio Theatre Writing;
      TH 4263: Social Media Influencing;
      TH 4563: Sound Design for Moving Image;

b. Modify the Curriculum in Communication Speech Option, as follows: (1) move COMM 2023: Communication Research and Writing, from a required course to an elective; (2) change the electives from 32 hours to 35 hours; (3) change COMM 3123: Argumentation, TO: COMM 3123: Argumentation, or COMM 3133: Digital Civility; and (4) update the introductory section of the curriculum; and

c. Add the Accelerated Bachelor Arts in Journalism Broadcast Option, Journalism Print Option, and Journalism Public Relations Option to Master of Arts in Multimedia Journalism.

3. College of Arts & Humanities – Department of English & World Languages

a. Modify the Accelerated Bachelor of Fine Arts in Creative Writing to Master of Art in English, as follows: (1) lower the minimum grade point average to 3.00; and (2) modify Footnote 3, FROM: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BA in Creative Writing Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723; TO: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BFA in Creative Writing Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723, 6003, 6013, 6023, 6033, 6083, 6213, 6283, 6813;

b. Modify the Accelerated Bachelor of Arts in English to Master of Art in English, as follows: (1) lower the minimum grade point average to 3.00; and (2) modify Footnote 3, FROM: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BA in Creative Writing Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723; TO: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BA in English Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723, 6003, 6013, 6023, 6033, 6083, 6213, 6283, 6813;

c. Add the Accelerated Bachelor of Arts in English for Teacher Licensure to Master of Art in Teaching English to Speakers of Other Languages; and

d. Add the Accelerated Bachelor of Arts in World Language with Concentration in Spanish for Teacher Licensure to Master of Art in Teaching English to Speakers of Other Languages.

4. College of Arts & Humanities – Department of Music

a. Modify the Curriculum in Music, as follows: Add MUS 1440: Piano Proficiency, and MUS 2000: Sophomore Barrier.

5. College of Education – Department of Health & Physical Education

a. Delete PE 3103: Methods of Teaching Movement Patterns and Activities for Children, from the course descriptions;

b. Add PE 3543: Motor Development and Lifespan Applications in Pedagogy, to the course descriptions;

c. Change the title for PE 3583: Methods and Materials in Physical Education and Recreation for Kindergarten and Elementary Grades, TO: Methods and Materials in Physical Education for Kindergarten and Elementary Grades;

d. Change the title for PE 4203: Methods of Teaching Adapted Physical Education in the Schools, TO: Methods of Teaching Adaptive Physical Education;

e. Modify the Curriculum in Health and Physical Education Teacher Licensure, as follows: (1) delete PE 3103: Methods of Teaching Movement Patterns and Activities for Children; and (2) add PE 3543: Motor Development and Lifespan Applications in Pedagogy.

6. College of Engineering & Applied Sciences – Department of Computer & Information Science

a. Modify the Curriculum in Computer Science, as follows:
(1) Delete 36 hours, the following courses:
    COMS 1403: Orientation to Computing, Information, and Technology;
    COMS 1411: Computer and Information Science Lab;
    COMS 2003: Microcomputer Applications;
    COMS 2104: Foundations of Computer Programming I;
    COMS 2701: Computer Architecture and Networks Lab;
    COMS 2903: Discrete Structures;

COMS 3913: Advanced Discrete Structures;
COMS 4033: Systems Analysis and Design I;
COMS 4043: Systems Analysis and Design II;
COMS 4403: Compiler Design;
COMS 4701: Data Communications and Networking Lab;
COMS 4703: Data Communications and Networks;
Management Elective - 3 hours; and
Elective (Math or Science) - 2 hours;

(2) Add 36 hours, the following courses:
MATH 2703: Discrete Math;
CSEC 1113: Introduction to Networking;
CSEC 2213: Network Forensics and Incident Response;
COMS 1013: Programming I;
COMS 1011: Programming I Lab;
COMS 1333: Web and Mobile Technologies;
COMS 4063: IT Project Administration;
COMS 4413: Parallel and Distributed Computing;
COMS 4913: Capstone;
Elective - 3 hours, with footnote 2: Students who do not qualify to go directly into MATH 2914: Calculus I, may take MATH 1914: Precalculus, here to prepare; and
Approved 3000-4000 level electives - 8 hours;

(3) Delete 8 hours of: Science Sequence I and Science Sequence II (and associated footnote);

(4) Add 8 hours of: Science with lab; allow any science with lab to fulfill the science requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(5) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour; and

(6) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 3: COMM 2003: Public Speaking, is a substitution for COMM 2173: Business and Professional Speaking;

b. Modify the Curriculum in Computer Science for Teacher Licensure, as follows:

(1) Delete the following courses:
COMS 1403: Orientation to Computing, Information, and Technology;
COMS 1411: Computer and Information Science Lab;

COMS 2104: Foundations of Computer Programming I;
COMS 2701: Computer Architecture and Networks Lab;
COMS 2903: Discrete Structures for Technical Majors;
COMS 3903: Systems Software and Architecture;
COMS 4033: Systems Analysis and Design I;
COMS 4701: Data Communications and Networking Lab;
COMS 4703: Data Communications and Networks; and
CSEC 2113: Introduction to Information Systems;

(2) Add the following courses:
ENGL 2053: Technical Writing;
MATH 2703: Discrete Mathematics;
CSEC 1113: Introduction to Networking;
CSEC 2213: Forensics and Incident Response;
COMS 1013: Programming I;
COMS 1011: Programming I lab;
COMS 2713: Survey of Operating Systems;
COMS 4063: IT Project Administration; and
Elective - 3 hours;

(3) Allow TECH 1013: Principles of College Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success is a substitution for TECH 1001: Orientation to the University; Elective would reduce from 3 hours to 1 hour; and

(4) Allow COMS 3703: Operating Systems, as a substitution for COMS 2713: Survey of Operating Systems; add footnote 3: COMS 3703: Operating Systems is a substitution for COMS 2713: Survey of Operating Systems;

c. Modify the Curriculum for the Bachelor of Science in Cybersecurity, as follows:

(1) Delete the following courses:
CSEC 3113: Assembly Programming; and
COMS 3213: Advanced Data Structures and Algorithm Design;

(2) Add the following courses:
COMS 2223: Computer Organization and Programming; and
CSEC 4153: Human Factors in Cybersecurity;

(3) Change course title and number of COMS 2104: Foundations of Computer Programming I, to COMS 1013: Programming I, and COMS 1011: Programming I Lab;

(4) Drop MATH 2914 Calculus I, and replace with MATH 2243: Calculus for Business and Economics;

(5) Drop COMS 2903: Discrete Structures for Technical Majors and replace with MATH 2703: Discrete Math;

(6) Drop STAT 3153: Applied Statistics and replace with STAT 2163: Introduction to Statistical Methods;

(7) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1013: Principles of Collegiate Success; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour;

(8) Allow MATH 2914: Calculus, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I, is a substitution for MATH 2243: Calculus for Business and Economics; and

(9) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 4: COMM 2003: Public Speaking, is a substitution for COMM 2173: Business and Professional Speaking;

d. Modify the Curriculum for the Bachelor of Science in Information Technology, as follows:

Add 2 tracks:

Track 1: Programming, Database, and Web

Track 2: Network and Security

Changes for Track 1: Programming, Database, and Web

(1) Delete 45 hours, the following courses:

BUAD 2053: Business Statistics;

COMS 1403: Orientation to Computing, Information, and Technology;

COMS 1411: Computer and Information Science Lab;

COMS 2104: Foundations of Computer Programming I;

COMS 2333: Web Publishing II;

COMS 2701: Computer Architecture and Networks Lab;

COMS 2733: Intro to Computer Forensics and Security;

COMS 2903: Discrete Structures;

COMS 3903: Systems Software and Architecture;

COMS 4043: Systems Analysis and Design II;

COMS 4313: Server Administration;

COMS 4701: Data Communications and Networking Lab;

COMS 4703: Data Communications and Networks;

COMS 4710: Heterogeneous Networks Lab;

COMS 4713: Heterogeneous Networks;

COMS Elective 2000-level or above -2 hours;

COMS (3000-4000) Elective -3 hours; and

Elective (3000-4000) -3 hours;

(2) Add 45 hours, the following courses:
   MATH 1113: College Algebra;
   MATH 2703: Discrete Math;
   STAT 2163: Introduction to Statistical Methods;
   CSEC 1113: Introduction to Networking;
   CSEC 2213: Network Forensics and Incident Response;
   COMS 1013: Programming I;
   COMS 1011: Programming I Lab;
   COMS 3413: App Development;
   COMS 3163: Web Programming;
   COMS 3243: Data Mining;
   COMS 4913: Capstone;
   Elective -3 hours; and
   Approved 3000-4000 Level elective -11 hours; and
(3) Delete ECON 2003: Principles of Economics I, (this was being used to fulfill a Social Science requirement);
(4) Allow any Social Science to fulfill the Social Science requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;
(5) Allow MATH 1113: College Algebra, to be waived if a student goes directly into MATH 2243: Calculus for Business and Economics, or MATH 2914: Calculus I; add footnote 2: Student may waive this course by taking MATH 2243: Calculus for Business and Economics or MATH 2914: Calculus I instead and take an elective in its place;
(6) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 3: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour;
(7) Allow MATH 2914: Calculus I, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I, is a substitution for MATH 2243: Calculus for Business and Economics;
(8) Allow COMS 3703 as a substitution for COMS 2713; add footnote 5: COMS 3703 Operating Systems is a substitution for COMS 2713 Survey of Operating Systems; and
(9) Allow COMM 2003 as a substitution for COMM 2173; add footnote 6: COMM 2003 Public Speaking is a substitution for COMM 2173 Business and Professional Speaking;

Changes for Track 2: Network and Security

(1) Delete 45 hours, the following courses:

BUAD 2053: Business Statistics;

COMS 1403: Orientation to Computing, Information, and Technology;

COMS 1411: Computer and Information Science Lab;

COMS 2104: Foundations of Computer Programming I;

COMS 2333: Web Publishing II;

COMS 2701: Computer Architecture and Networks Lab;

COMS 2733: Intro to Computer Forensics and Security;

COMS 2903: Discrete Structures;

COMS 3903: Systems Software and Architecture;

COMS 4033: Systems Analysis and Design I;

COMS 4043: Systems Analysis and Design II;

COMS 4213: Database Administration;

COMS 4701: Data Communications and Networking Lab;

COMS 4703: Data Communications and Networks;

COMS 4710: Heterogeneous Networks Lab;

COMS Elective 2000-level or above - 2 hours;

COMS (3000-4000) Elective - 3 hours; and

Elective (3000-4000) - 3 hours;

(2) Add 45 hours, the following courses:

MATH 1113: College Algebra;

MATH 2703: Discrete Math;

CSEC 1113: Introduction to Networking;

CSEC 2213: Network Forensics and Incident Response;

CSEC 2223: Virtualization;

CSEC 3123: Cyber Defense I;

CSEC 3233: Cyber Defense II;

COMS 1013: Programming I;

COMS 1011: Programming I Lab;

COMS 3373: Data Center Operations;

COMS 4913: Capstone;

Elective - 3 hours; and

Approved 3000-4000 level elective - 11 hours;

(3) Delete ECON 2003: Principles of Economics I (this was being used to fulfill a Social Science requirement);

(4) Allow any Social Science to fulfill the Social Science requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(5) Change the course number of COMS 4313: Server Administration to COMS 3363: Server Administration;

(6) Change the course name of COMS 4713: Heterogeneous Networks to Networking Practicum;

(7) Allow MATH 1113: College Algebra, to be waived if a student goes directly into MATH 2243: Calculus for Business and Economics, or MATH 2914: Calculus I; add footnote 2: Student may waive this course by taking MATH 2243: Calculus for Business and Economics, or MATH 2914: Calculus I, instead and take an elective in its place;

(8) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 3: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour;

(9) Allow MATH 2914: Calculus I, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I is a substitution for MATH 2243: Calculus for Business and Economics;

(10) Allow COMS 3703: Operating Systems, as a substitution for COMS 2713: Survey of Operating Systems; add footnote 5: COMS 3703: Operating Systems is a substitution for COMS 2713: Survey of Operating Systems; and

(11) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 6: COMM 2003: Public Speaking is a substitution for COMM 2173: Business and Professional Speaking;

e. Modify the Curriculum for the Associate of Applied Science in Cybersecurity, as follows:

(1) Change course title and number of COMS 2104: Foundations of Computer Programming I, to COMS 1013: Programming I and COMS 1011: Programming I Lab;

(2) Drop MATH 2914: Calculus I, and replace with MATH 2243: Calculus for Business and Economics;

(3) Drop COMS 2903: Discrete Structures for Technical Majors, and replace with MATH 2703: Discrete Math;

(4) Change Electives from 1 hour to 2 hours;

(5) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 2 hours to O hours;

(6) Allow MATH 2914: Calculus I, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I is a substitution for MATH 2243: Calculus for Business and Economics; and

(7) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 4: COMM 2003: Public Speaking is a substitution for COMM 2173: Business and Professional Speaking; and

f. Modify the Curriculum for the Associate of Applied Science in Information Technology, as follows:

(1) Delete the following courses:
COMS 1403: Orientation to Computing, Information, and Technology;
COMS 1411: Computer and Information Science Lab;
COMS 2003: Microcomputer Applications;
COMS 2104: Foundations of Computer Programming I;
COMS 2233: Introduction to Databases; and
COMS 2701: Computer Architecture and Networks Laboratory;

(2) Add the following courses:
COMS 1013: Programming I;
COMS 1011: Programming I lab;
COMS 2713: Survey of Operating Systems;
CSEC 1113: Introduction to Networking; and
CSEC 2213: Network Forensics and Incident Response;

(3) Allow any higher-level MATH course as a substitution for MATH 1113: College Algebra; add text "or higher-level Mathematics" so that entry reads: MATH 1113: College Algebra or higher-level Mathematics;

(4) Delete 12 hours above 1000 level COMS Electives; and delete footnote: 1000-level courses may not be used to satisfy this requirement;

(5) Delete PHSC 1013: Introduction to Physical Science and PHSC 1021: Physical Science Laboratory;

(6) Allow any science with lab to fulfill the science with lab requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(7)   Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 15 hour to 13 hours;

(8)   Allow COMS 3703: Operating systems. as a substitution for COMS 2713: Survey of Operating Systems; add footnote 3: COMS 3703: Operating systems, is a substitution for COMS 2713: Survey of Operating Systems;

(9)   Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 4: COMM 2003: Public Speaking, is a substitution for COMM 2173: Business and Professional Speaking; and

(10)   Change Electives from 2 hours to 15 hours and add footnote 5: Students seeking a Bachelor's degree in computing should take courses that count towards that degree rather than just general electives.

B.   Fall meetings will be held at 3 p.m. on the following dates:

Tuesday, October 26, 2021
Tuesday, November 23, 2021
TBA December, 2021

Arkansas Tech University

Curriculum Committee Minutes

The Curriculum Committee met on Tuesday, September 28, 2021, via WebEx at 3 p.m. The following are members of the committee:

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
Dr. Nina Goza (BA)
Dr. Timothy Leggett (ED)
Dr. Dong Soo Lee (EAS)
Dr. Jeremy Schwehm (SN)
Dr. Jackie Bowman (NHS)

Newly Elected for 2 Year Term:
Dr. Donna White (AH)
Dr. Efosa Idemudia (BA)
Dr. Debra Murphy (ED)
Dr. Safeer Khan (EAS)
Dr. Tennille Lasker-Scott (SN)
Dr. Michael Davis (NHS)

Dr. Jacob Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

All committee members were present except Dr. Grosskopf. The following were present to answer questions regarding curriculum proposals: Dr. Linda Bean, Dr. John Krohn, Dr. Rockie Pederson, Dr. David Eshleman, Dr. David Ward, Dr. Emily Hoffman, Dr. Jeff Bright, Ms. Rebecca Cunningham, Dr. Jason Warnick, and Dr. Sandy Smith. Ms. Brandi Tripp and Ms. Alexis Scrimshire from the Registrar's Office were present to assist with technology.

Motion by Dr. White, seconded by Dr. Davis, to approve the minutes from August 16, 2021 meeting with the correction of Dr. Jacob Grosskopf's first name. Motion approved.

OLD BUSINESS: No old business.

NEW BUSINESS:

CURRICULAR ITEMS

1. College of Arts & Humanities – Department of Behavioral Sciences

   Motion by Dr. Davis, seconded by Dr. Idemudia, to approve the proposals from College of Arts & Humanities – Department of Behavioral Sciences. Motion approved.

   a. Add the following courses to the course descriptions:
      PSY 3103: Health Psychology;
      PSY 3123: Evolutionary Psychology;
      PSY 3183: Developmental Psychology: Adolescence;
      PSY 3191: Careers in Psychology;
      PSY 4021, 4022, 4023, 4024: Internships in Psychology;
      PSY 4103: Capstone: Advanced Psychological Science; and
      PSY 4203: Capstone: Psychology in the Community;
   b. Delete PSY 2074: Experimental Psychology, from the course descriptions; and
   c. Modify the Curriculum in Psychology, as follows: (1) delete PSY 4003: Advanced Research Method and Lab for Psychology, as a required course; (2) add PSY 3191: Careers in Psychology; (3) add a Capstone requirement which can be satisfied by taking 3 hours from the following: PSY 4003: Advanced Research Method and Lab for Psychology, PSY 4103: Capstone: Advanced Psychological Science, or PSY 4203: Capstone: Psychology in the Community; and (4) replace the current 12 hours Topical Core with 15 hours from the following courses:
      PSY 3053: Physiological Psychology, or PSY 4053: Psychology of Perception;
      PSY 3073: Psychology of Learning, or PSY 4073: Cognitive Psychology;
      PSY 4043: Social Psychology, or PSY 3123: Evolutionary Psychology;
      PSY 3003: Abnormal Psychology, or PSY 3153: Theories of Personality; and
      PSY 3063: Developmental Psychology I, or PSY 3183: Developmental Psychology: Adolescence;

2. College of Arts & Humanities – Department of Communication & Journalism

Motion by Dr. Leggett, seconded by Dr. Schwehm, to approve proposal a. from College of Arts & Humanities – Department of Communication & Journalism. Motion approved.

a. Add the following courses to the course descriptions:
   COMM 3133: Digital Civility;
   COMM 3263: Podcast and Radio Theatre Writing;
   TH 4263: Social Media Influencing;
   TH 4563: Sound Design for Moving Image;

Motion by Dr. Idemudia, seconded by Dr. Goza, to approve proposal b. from College of Arts & Humanities – Department of Communication & Journalism. Motion approved.

b. Modify the Curriculum in Communication Speech Option, as follows: (1) move COMM 2023: Communication Research and Writing, from a required course to an elective; (2) change the electives from 32 hours to 35 hours; (3) change COMM 3123: Argumentation, TO: COMM 3123: Argumentation, or COMM 3133: Digital Civility; and (4) update the introductory section of the curriculum; and

Motion by Dr. Murphy, seconded by Dr. Schwehm, to approve proposal c. from College of Arts & Humanities – Department of Communication & Journalism. Motion approved.

c. Add the Accelerated Bachelor Arts in Journalism Broadcast Option, Journalism Print Option, and Journalism Public Relations Option to Master of Arts in Multimedia Journalism.

3. College of Arts & Humanities – Department of English & World Languages

Motion by Dr. Schwehm, seconded by Dr. Khan, to approve proposals a. and b. from College of Arts & Humanities – Department of English & World Languages. Motion approved.

a. Modify the Accelerated Bachelor of Fine Arts in Creative Writing to Master of Art in English, as follows: (1) lower the minimum grade point average to 3.00; and (2) modify Footnote 3, FROM: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in

the Accelerated BA in Creative Writing Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723; TO: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BFA in Creative Writing Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723, 6003, 6013, 6023, 6033, 6083, 6213, 6283, 6813;

b. Modify the Accelerated Bachelor of Arts in English to Master of Art in English, as follows: (1) lower the minimum grade point average to 3.00; and (2) modify Footnote 3, FROM: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BA in Creative Writing Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723; TO: At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses. Seniors enrolled in the Accelerated BA in English Plus MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, 5083, 5093, 5103, 5173, 5213, 5283, 5383, 5483, 5683, 5703, 5713, 5723, 6003, 6013, 6023, 6033, 6083, 6213, 6283, 6813;

Motion by Dr. Idemudia, seconded by Dr. Khan, to approve proposals c. and d. from College of Arts & Humanities – Department of English & World Languages. Motion approved.

c. Add the Accelerated Bachelor of Arts in English for Teacher Licensure to Master of Art in Teaching English to Speakers of Other Languages; and

d. Add the Accelerated Bachelor of Arts in World Language with Concentration in Spanish for Teacher Licensure to Master of Art in Teaching English to Speakers of Other Languages.

4. College of Arts & Humanities – Department of Music

Motion by Dr. Idemudia, seconded by Dr. Khan, to approve the proposals from College of Arts & Humanities – Department of Music. Motion approved.

a. Modify the Curriculum in Music, as follows: Add MUS 1440: Piano Proficiency, and MUS 2000: Sophomore Barrier.

5. College of Education – Department of Health & Physical Education

Motion by Dr. Leggett, seconded by Dr. Davis, to approve the proposals from College of Education – Department of Health & Physical Education. Motion approved.

a. Delete PE 3103: Methods of Teaching Movement Patterns and Activities for Children, from the course descriptions;
b. Add PE 3543: Motor Development and Lifespan Applications in Pedagogy, to the course descriptions;
c. Change the title for PE 3583: Methods and Materials in Physical Education and Recreation for Kindergarten and Elementary Grades, TO: Methods and Materials in Physical Education for Kindergarten and Elementary Grades;
d. Change the title for PE 4203: Methods of Teaching Adapted Physical Education in the Schools, TO: Methods of Teaching Adaptive Physical Education;
e. Modify the Curriculum in Health and Physical Education Teacher Licensure, as follows: (1) delete PE 3103: Methods of Teaching Movement Patterns and Activities for Children; and (2) add PE 3543: Motor Development and Lifespan Applications in Pedagogy.

6. College of Engineering & Applied Sciences – Department of Computer & Information Science

Motion by Dr. Schwehm, seconded by Dr. Idemudia, to approve the proposals from College of Engineering & Applied Sciences – Department of Computer & Information Science with the correction of the summary for c. (7). Motion approved.

a. Modify the Curriculum in Computer Science, as follows:
(1) Delete 36 hours, the following courses:
   COMS 1403: Orientation to Computing, Information, and Technology;
   COMS 1411: Computer and Information Science Lab;
   COMS 2003: Microcomputer Applications;
   COMS 2104: Foundations of Computer Programming I;
   COMS 2701: Computer Architecture and Networks Lab;

COMS 2903: Discrete Structures;
COMS 3913: Advanced Discrete Structures;
COMS 4033: Systems Analysis and Design I;
COMS 4043: Systems Analysis and Design II;
COMS 4403: Compiler Design;
COMS 4701: Data Communications and Networking Lab;
COMS 4703: Data Communications and Networks;
Management Elective - 3 hours; and
Elective (Math or Science) - 2 hours;

(2) Add 36 hours, the following courses:
MATH 2703: Discrete Math;
CSEC 1113: Introduction to Networking;
CSEC 2213: Network Forensics and Incident Response;
COMS 1013: Programming I;
COMS 1011: Programming I Lab;
COMS 1333: Web and Mobile Technologies;
COMS 4063: IT Project Administration;
COMS 4413: Parallel and Distributed Computing;
COMS 4913: Capstone;
Elective - 3 hours, with footnote 2: Students who do not qualify to go directly into MATH 2914: Calculus I, may take MATH 1914: Precalculus, here to prepare; and
Approved 3000-4000 level electives - 8 hours;

(3) Delete 8 hours of: Science Sequence I and Science Sequence II (and associated footnote);

(4) Add 8 hours of: Science with lab; allow any science with lab to fulfill the science requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(5) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour; and

(6) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 3: COMM 2003: Public Speaking, is a substitution for COMM 2173: Business and Professional Speaking;

b. Modify the Curriculum in Computer Science for Teacher Licensure, as follows:

(1) Delete the following courses:
COMS 1403: Orientation to Computing, Information, and Technology;

COMS 1411: Computer and Information Science Lab;
COMS 2104: Foundations of Computer Programming I;
COMS 2701: Computer Architecture and Networks Lab;
COMS 2903: Discrete Structures for Technical Majors;
COMS 3903: Systems Software and Architecture;
COMS 4033: Systems Analysis and Design I;
COMS 4701: Data Communications and Networking Lab;
COMS 4703: Data Communications and Networks; and
CSEC 2113: Introduction to Information Systems;

(2) Add the following courses:
ENGL 2053: Technical Writing;
MATH 2703: Discrete Mathematics;
CSEC 1113: Introduction to Networking;
CSEC 2213: Forensics and Incident Response;
COMS 1013: Programming I;
COMS 1011: Programming I lab;
COMS 2713: Survey of Operating Systems;
COMS 4063: IT Project Administration; and
Elective - 3 hours;

(3) Allow TECH 1013: Principles of College Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success is a substitution for TECH 1001: Orientation to the University; Elective would reduce from 3 hours to 1 hour; and

(4) Allow COMS 3703: Operating Systems, as a substitution for COMS 2713: Survey of Operating Systems; add footnote 3: COMS 3703: Operating Systems is a substitution for COMS 2713: Survey of Operating Systems;

c. Modify the Curriculum for the Bachelor of Science in Cybersecurity, as follows:

(1) Delete the following courses:
CSEC 3113: Assembly Programming; and
COMS 3213: Advanced Data Structures and Algorithm Design;

(2) Add the following courses:
COMS 2223: Computer Organization and Programming; and
CSEC 4153: Human Factors in Cybersecurity;

(3) Change course title and number of COMS 2104: Foundations of Computer Programming I, to COMS 1013: Programming I, and COMS 1011: Programming I Lab;

(4) Drop MATH 2914 Calculus I, and replace with MATH 2243: Calculus for Business and Economics;

(5) Drop COMS 2903: Discrete Structures for Technical Majors and replace with MATH 2703: Discrete Math;

(6) Drop STAT 3153: Applied Statistics and replace with STAT 2163: Introduction to Statistical Methods;

(7) Allow TECH 1013: Principles of Collegiate Success, as a substitution for ~~TECH 1013: Principles of Collegiate Success,~~ TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour;

(8) Allow MATH 2914: Calculus, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I, is a substitution for MATH 2243: Calculus for Business and Economics; and

(9) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 4: COMM 2003: Public Speaking, is a substitution for COMM 2173: Business and Professional Speaking;

d. Modify the Curriculum for the Bachelor of Science in Information Technology, as follows:

Add 2 tracks:

Track 1: Programming, Database, and Web

Track 2: Network and Security

Changes for Track 1: Programming, Database, and Web

(1) Delete 45 hours, the following courses:

BUAD 2053: Business Statistics;

COMS 1403: Orientation to Computing, Information, and Technology;

COMS 1411: Computer and Information Science Lab;

COMS 2104: Foundations of Computer Programming I;

COMS 2333: Web Publishing II;

COMS 2701: Computer Architecture and Networks Lab;

COMS 2733: Intro to Computer Forensics and Security;

COMS 2903: Discrete Structures;

COMS 3903: Systems Software and Architecture;

COMS 4043: Systems Analysis and Design II;

COMS 4313: Server Administration;

COMS 4701: Data Communications and Networking Lab;

COMS 4703: Data Communications and Networks;

COMS 4710: Heterogeneous Networks Lab;

COMS 4713: Heterogeneous Networks;

COMS Elective 2000-level or above -2 hours;
COMS (3000-4000) Elective -3 hours; and
Elective (3000-4000) -3 hours;

(2) Add 45 hours, the following courses:
MATH 1113: College Algebra;
MATH 2703: Discrete Math;
STAT 2163: Introduction to Statistical Methods;
CSEC 1113: Introduction to Networking;
CSEC 2213: Network Forensics and Incident Response;
COMS 1013: Programming I;
COMS 1011: Programming I Lab;
COMS 3413: App Development;
COMS 3163: Web Programming;
COMS 3243: Data Mining;
COMS 4913: Capstone;
Elective -3 hours; and
Approved 3000-4000 Level elective -11 hours; and

(3) Delete ECON 2003: Principles of Economics I, (this was being used to fulfill a Social Science requirement);

(4) Allow any Social Science to fulfill the Social Science requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(5) Allow MATH 1113: College Algebra, to be waived if a student goes directly into MATH 2243: Calculus for Business and Economics, or MATH 2914: Calculus I; add footnote 2: Student may waive this course by taking MATH 2243: Calculus for Business and Economics or MATH 2914: Calculus I instead and take an elective in its place;

(6) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 3: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour;

(7) Allow MATH 2914: Calculus I, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I, is a substitution for MATH 2243: Calculus for Business and Economics;

(8) Allow COMS 3703 as a substitution for COMS 2713; add footnote 5: COMS 3703 Operating Systems is a substitution for COMS 2713 Survey of Operating Systems; and

(9) Allow COMM 2003 as a substitution for COMM 2173; add footnote 6: COMM 2003 Public Speaking is a substitution for COMM 2173 Business and Professional Speaking;

Changes for Track 2: Network and Security
(1) Delete 45 hours, the following courses:
BUAD 2053: Business Statistics;
COMS 1403: Orientation to Computing, Information, and Technology;
COMS 1411: Computer and Information Science Lab;
COMS 2104: Foundations of Computer Programming I;
COMS 2333: Web Publishing II;
COMS 2701: Computer Architecture and Networks Lab;
COMS 2733: Intro to Computer Forensics and Security;
COMS 2903: Discrete Structures;
COMS 3903: Systems Software and Architecture;
COMS 4033: Systems Analysis and Design I;
COMS 4043: Systems Analysis and Design II;
COMS 4213: Database Administration;
COMS 4701: Data Communications and Networking Lab;
COMS 4703: Data Communications and Networks;
COMS 4710: Heterogeneous Networks Lab;
COMS Elective 2000-level or above - 2 hours;
COMS (3000-4000) Elective - 3 hours; and
Elective (3000-4000) - 3 hours;
(2) Add 45 hours, the following courses:
MATH 1113: College Algebra;
MATH 2703: Discrete Math;
CSEC 1113: Introduction to Networking;
CSEC 2213: Network Forensics and Incident Response;
CSEC 2223: Virtualization;
CSEC 3123: Cyber Defense I;
CSEC 3233: Cyber Defense II;
COMS 1013: Programming I;
COMS 1011: Programming I Lab;
COMS 3373: Data Center Operations;
COMS 4913: Capstone;
Elective - 3 hours; and
Approved 3000-4000 level elective - 11 hours;

(3) Delete ECON 2003: Principles of Economics I (this was being used to fulfill a Social Science requirement);

(4) Allow any Social Science to fulfill the Social Science requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(5) Change the course number of COMS 4313: Server Administration to COMS 3363: Server Administration;

(6) Change the course name of COMS 4713: Heterogeneous Networks to Networking Practicum;

(7) Allow MATH 1113: College Algebra, to be waived if a student goes directly into MATH 2243: Calculus for Business and Economics, or MATH 2914: Calculus I; add footnote 2: Student may waive this course by taking MATH 2243: Calculus for Business and Economics, or MATH 2914: Calculus I, instead and take an elective in its place;

(8) Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 3: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 3 hours to 1 hour;

(9) Allow MATH 2914: Calculus I, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I is a substitution for MATH 2243: Calculus for Business and Economics;

(10) Allow COMS 3703: Operating Systems, as a substitution for COMS 2713: Survey of Operating Systems; add footnote 5: COMS 3703: Operating Systems is a substitution for COMS 2713: Survey of Operating Systems; and

(11) Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 6: COMM 2003: Public Speaking is a substitution for COMM 2173: Business and Professional Speaking;

e. Modify the Curriculum for the Associate of Applied Science in Cybersecurity, as follows:

(1) Change course title and number of COMS 2104: Foundations of Computer Programming I, to COMS 1013: Programming I and COMS 1011: Programming I Lab;

(2) Drop MATH 2914: Calculus I, and replace with MATH 2243: Calculus for Business and Economics;

(3)   Drop COMS 2903: Discrete Structures for Technical Majors, and replace with MATH 2703: Discrete Math;

(4)   Change Electives from 1 hour to 2 hours;

(5)   Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 2 hours to O hours;

(6)   Allow MATH 2914: Calculus I, as a substitution for MATH 2243: Calculus for Business and Economics; add footnote 3: MATH 2914: Calculus I is a substitution for MATH 2243: Calculus for Business and Economics; and

(7)   Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 4: COMM 2003: Public Speaking is a substitution for COMM 2173: Business and Professional Speaking; and

f.   Modify the Curriculum for the Associate of Applied Science in Information Technology, as follows:

(1)   Delete the following courses:
COMS 1403: Orientation to Computing, Information, and Technology;
COMS 1411: Computer and Information Science Lab;
COMS 2003: Microcomputer Applications;
COMS 2104: Foundations of Computer Programming I;
COMS 2233: Introduction to Databases; and
COMS 2701: Computer Architecture and Networks Laboratory;

(2)   Add the following courses:
COMS 1013: Programming I;
COMS 1011: Programming I lab;
COMS 2713: Survey of Operating Systems;
CSEC 1113: Introduction to Networking; and
CSEC 2213: Network Forensics and Incident Response;

(3)   Allow any higher-level MATH course as a substitution for MATH 1113: College Algebra; add text "or higher-level Mathematics" so that entry reads: MATH 1113: College Algebra or higher-level Mathematics;

(4)   Delete 12 hours above 1000 level COMS Electives; and delete footnote: 1000-level courses may not be used to satisfy this requirement;

(5)   Delete PHSC 1013: Introduction to Physical Science and PHSC 1021: Physical Science Laboratory;

(6)   Allow any science with lab to fulfill the science with lab requirement; add footnote 1: See appropriate alternatives or substitutions in General Education Requirements;

(7)   Allow TECH 1013: Principles of Collegiate Success, as a substitution for TECH 1001: Orientation to the University; add footnote 2: TECH 1013: Principles of Collegiate Success, is a substitution for TECH 1001: Orientation to the University; Electives would reduce from 15 hour to 13 hours;

(8)   Allow COMS 3703: Operating systems. as a substitution for COMS 2713: Survey of Operating Systems; add footnote 3: COMS 3703: Operating systems, is a substitution for COMS 2713: Survey of Operating Systems;

(9)   Allow COMM 2003: Public Speaking, as a substitution for COMM 2173: Business and Professional Speaking; add footnote 4: COMM 2003: Public Speaking, is a substitution for COMM 2173: Business and Professional Speaking; and

(10)   Change Electives from 2 hours to 15 hours and add footnote 5: Students seeking a Bachelor's degree in computing should take courses that count towards that degree rather than just general electives.

ANNOUNCEMENTS AND INFORMATION ITEMS

B. Ms. Weaver announced the Fall meetings would be held at 3 p.m. vis WebEx on the following dates:
    Tuesday, October 26, 2021
    Tuesday, November 23, 2021
    TBA December, 2021

ADJOURNMENT

Adjourned at 3:45 p.m.

Curriculum Committee
AGENDA
Tuesday, October 26, 2021
WebEx Meeting, 3 p.m.

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
Dr. Nina Goza (BA)
Dr. Timothy Leggett (ED)
Dr. Dong Soo Lee (EAS)
Dr. Jeremy Schwehm (SN)
Dr. Jackie Bowman (NHS)

Newly Elected for 2 Year Term:
Dr. Donna White (AH)
Dr. Efosa Idemudia (BA)
Dr. Debra Murphy (ED)
Dr. Safeer Khan (EAS)
Dr. Tennille Lasker-Scott (SN)
Dr. Michael Davis (NHS)

Dr. Jacob Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

I. Call to Order

    A. Approval of minutes from September 28, 2020, meeting

II. New Business

    A. Curricular Items

1. College of Arts & Humanities – Department of Art

   a. Add GAME 1003: Introduction to Game Development; and
   b. Modify the Curriculum in Game and Interactive Media Design, as follows: (1) replace course options ART 2303/3303/4233 with ART 3073/3303/4233; (2) delete COMS 1403: Orientation to Computing, Information, and Technology, COMS 1411: Computer and Information Science Lab, and COMS 2104: Foundations of Computer Programming I; (3) add GAME 1003: Introduction to Game Development, one (1) hour ART or GAME Elective (1000-4000), COMS 1013: Programming I, and COMS 1011: Programming I Lab.

2. College of Business – Department of Accounting, Finance & Economics

   a. Add ACCT 2033: Accounting for Non-Business Majors, to the course descriptions;
   b. Delete ACCT 2000: Accounting Principles I Lab, from the course descriptions;
   c. Change the course number for ACCT 2003: Accounting Principles I, to ACCT 2004; delete the co-requisite ACCT 2000: Accounting Principles I Lab; and add the note: Lecture three hours, laboratory one and a half hours;
   d. Modify the Curriculum in Accounting, as follows: (1) add footnote on MATH 2223: "Any 2000 level MATH course or higher may be substituted for MATH 2223: (excluding MATH 2033: Mathematical Concepts I, MATH 2043: Mathematical Concepts II, and STAT 2163: Introduction to Statistical Methods). Students considering graduate school are advised to take MATH 2914: Calculus I."; (2) delete: MATH 1113: College Algebra; (3) delete footnote 2 on MATH 1113; (4) change: COMM 2173: Business and Professional Speaking to COMM 2173: Business and Professional Speaking or COMM 2003: Public Speaking; (5) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (7) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Science; (8) change: BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (9) add BDA 3013: Spreadsheet Modeling; (10) add BDA 3003: Data Analytics Apps; and (11) reduce Electives from 15 to 11 hours;
   e. Add the Accelerated Bachelor of Science in Business Administration in Accounting to Master of Business Administration;
   f. Modify the Curriculum in Finance, as follows: (1) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (2) delete co-requisite ACCT 2000: Accounting Principles I Lab; (3) delete MATH 1113: College Algebra; (4) add 2 hours of General Elective credit; (5) change BUAD 3023: Business

Communications to ENGL 2053: Technical Writing (see proposal from Management and Marketing Dept.); (6) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences (see proposal from Management and Marketing Dept.); (7) change COMM 2173: Business and Professional Speaking to COMM 2173: Business and Professional Speaking or COMM 2003: Public Speaking; (8) delete ACCT 3003: Intermediate Accounting I; (9) add College of Business Elective {3000-4000}; and (10) add ACCT 3003: Intermediate Accounting I and FIN 3033: Principles of Real Estate to list of Finance Major Elective Options (footnote 4 in Curriculum Matrix);

g. Add the Accelerated Bachelor of Science in Business Administration in Finance to Master of Business Administration;

h. Modify the Minor in Accounting, as follows: (1) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (2) delete: ACCT 2000: Accounting Principles I Lab; and (3) note: the minor will require 22 total hours instead of 21 hours; and

i. Modify the Minor in Economics, as follows: (1) add the heading: "The minor in Economics is not available to Finance majors. The minor in Economics is available to all other majors provided that the student takes at least nine hours of coursework to satisfy the Economics minor requirements that are not otherwise counted as requirements for the student's major."; (2) delete the subheading: "Required Courses (9 hours); (3) delete the subheading: "Elective Courses (choose 9 hours) and courses; (4) add the heading: "The minor in Economics requires 18 hours of courses"; and (5) require the following courses:

    ECON 2003: Principles of Economics I or ECON 2103: Honors Principles of Economics I;

    ECON 2013: Principles of Economics II;

    ECON 3003: Money and Banking;

    ECON 3073: Intermediate Microeconomic Theory;

    ECON 3093: Econometrics; and

    Any other 3-hour ECON or FIN course.

3. College of Business – Department of Management & Marketing

a. Modify the Curriculum in Business Data Analytics, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) reduce 3 hour Elective to 2 hour Elective; (5) change BUAD 2053: Business Statistics to

STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) delete "Specified Elective3" 6 hours; (7) delete "BOA Elective2" 9 hours; (8) add "Approved Elective2" 15 hours; (9) delete footnote 2: BDA Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics; (10) delete footnote 3: Three hours of Advanced Electives from the following: MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 2104: Foundations of Computer Programming I {Prerequisite COMS 1403: Orientation to Computing, Information, and Technology/COMS 1411: Computer and Information Science Lab) AND three hours of Support Elective from the following: MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration (Prerequisite HIM 3023: Introduction to Health Information Management) MGMT 4103: Supply Chain Management; and (11) add footnote 2: Approved Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics, MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 1013: Programming I, COMS 1011: Programming I Lab, MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration, MGMT 4103: Supply Chain Management, STAT 2303: Statistical Methods or higher-level STAT course;

b. Add the Accelerated Bachelor of Science in Business Administration in Business Data Analytics to Master of Business Administration;

c. Modify the Curriculum in Management Business Management Track, as follows: : (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) Delete MGMT 3023 Principles of Human Resource Management; (7) delete MGMT 4053: Small Business Management; (8) delete MGMT 4213: Strategy and Leadership; (9) add 5 hours of Electives; (10) delete MGTM 4103: Supply Chain Management; and (11) change 3 hours Management or College of Business Elective to 9 hours College of Business Elective 3000-4000;

d. Add the Accelerated Bachelor of Science in Business Administration in Management to Master of Business Administration;

e. Modify the Curriculum in Marketing Digital Marketing, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) reduce Electives from 9 hours to 8 hours; (7) delete 6 hours of College of Business Elective 3000-4000; (8) add BDA 3013: Business Spreadsheet Modeling; and (9) add 3 hours of MKT Elective (3000-4000);

f. Add the Accelerated Bachelor of Science in Business Administration in Marketing to Master of Business Administration;

g. Modify the Curriculum for the Associate of Business Administration, as follows: as follows: (1) delete ACCT 2003: Accounting Principles I, and add ACCT 2004: Accounting Principles I; (2) change BUAD 2053: Business Statistics, TO: BUAD 2053: Business Statistics, STAT 2163: Introduction to Statistical Methods, or PSY/SOC 2053: Statistics for the Behavioral Sciences; and (3) change the electives from 3 hours to 2 hours;

h. Modify the Minor in Business and Entrepreneurship, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors;

i. Change the title of the Minor in General Business, TO: Business Administration; and modify the Curriculum, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors.

4. College of Engineering & Applied Sciences – Department of Agriculture

a. Modify the Curriculum in Agriculture Business Agriculture Business Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

b. Modify the Curriculum in Agriculture Business Animal Science Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

c. Modify the Curriculum in Agriculture Business Horticulture Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors; and

d. Modify the Curriculum in Agriculture Business Pre-Veterinary Medicine Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000:

Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors

5. College of Engineering & Applied Sciences – Department of Parks, Recreation, & Hospitality Administration

   a. Add RP 2023: Trail Planning and Management, to the course descriptions;
   b. Modify the Curriculum in Hospitality Administration Event Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;
   c. Modify the Curriculum in Hospitality Administration Foodservice Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors; and
   d. Modify the Curriculum in Hospitality Administration Lodging Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

6. College of Natural & Health Sciences – Department of Mathematics

   a. Add STAT 4383: Machine Learning, to the course descriptions, and cross-list with STAT 5383;
   b. Delete STAT 2000: Statistical Packages Lab, from the course descriptions;
   c. Change the course number for STAT 2303: Statistical Methods, TO: STAT 2304; change the title to Programming Languages for Data Science; modify the Prerequisite FROM: Prerequisite: MATH 2914: Calculus I, or permission of instructor, TO: Prerequisite: any introductory statistics course; delete the Co-requisite: Co-requisite: STAT 2000: Statistical Packages Lab; and modify the course description FROM; The goal of this course is to introduce students to statistical methods for analyzing data. Some of the topics included are: describing data, basic probability, random variables, normal and binomial distributions, sampling distributions, confidence intervals, hypothesis testing, correlation and regression, contingency table, comparing two populations, ANOVA, TO: New Course Description: The goal of this course is to introduce the basic computer programming using Python and R to the undergraduate students, who are interested in working in the rapidly growing fields of data science and data analytics. Python and R are two open-source programming languages with a large data scientist community. This course will introduce the basic programming

skills and tools necessary to efficiently collect, process, visualize, and analyze the datasets. Hands-on project will be given to help students gain experience with the software packages (Python, R, GitHub, Google Collaboratory, Jupyter Notebook, and RStudio);

d. Cross-list STAT 4113: Categorical Data Analysis, with STAT 5113; and modify the Prerequisite FROM: Prerequisite: STAT 3113: Regression Analysis, TO: Prerequisite: STAT 3113: Regression Analysis, or permission of the instructor;

e. Cross-list STAT 4153: Experimental Design and Analysis, with STAT 5153;

f. Cross-list STAT 4393: Statistical Learning, with STAT 5393; and modify the Prerequisite FROM: Prerequisite: STAT 3113, TO: Prerequisite: STAT 3113: Regression Analysis, or permission of the instructor;

g. Modify the Curriculum in Applied Statistics Actuarial Science Option, as follows: (1) delete 1 hour of Elective; (2) delete STAT 2303: Statistical Methods; (3) add STAT 2163: Introduction to Statistical Methods; (4) delete MATH 2703: Discrete Mathematics; (5) add STAT 2304: Programming Languages for Data Science; (6) delete MATH 3243: Differential Equations; (7) add 2 hours of Quantitative Elective; and (8) change ACCT 2003: Accounting Principles I, to ACCT 2004;

h. Modify the Curriculum in Applied Statistics Data Science Option, as follows: (1) delete one (1) hour of Elective; (2) delete STAT 2303: Statistical Methods; (3) add STAT 2163: Introduction to Statistical Methods; (4) add STAT 2304: Programming Languages for Data Science; (5) delete Elective3; (6) delete MATH 3243: Differential Equations; (7) add STAT 4383: Machine Learning; and change Elective3 to MATH/STAT Elective3.

B. Fall meetings will be held at 3 p.m. on the following dates:

Tuesday, November 23, 2021
TBA December, 2021

Arkansas Tech University

Curriculum Committee Minutes

The Curriculum Committee met on Tuesday, October 26, 2021, via WebEx at 3 p.m. The following are members of the committee:

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
Dr. Nina Goza (BA)
Dr. Timothy Leggett (ED)
Dr. Dong Soo Lee (EAS)
Dr. Jeremy Schwehm (SN)
Dr. Jackie Bowman (NHS)

Newly Elected for 2 Year Term:
Dr. Donna White (AH)
Dr. Efosa Idemudia (BA)
Dr. Debra Murphy (ED)
Dr. Safeer Khan (EAS)
Dr. Tennille Lasker-Scott (SN)
Dr. Michael Davis (NHS)

Dr. Jacob Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

All committee members were present except Dr. Grosskopf and Dr. Michael Davis. The following were present to answer questions regarding curriculum proposals: Dr. Summer Bruch, Ms. Tracy Cole, Dr. Matt Brown, Dr. Wan Wei, Dr. Marshall Swafford, Dr. Cathi McMahan, and Dr. Jeanine Myers. Ms. Brandi Tripp and Ms. Alexis Scrimshire from the Registrar's Office were present to assist with technology.

Motion by Dr. White, seconded by Dr. Murphy, to approve the minutes from September 28, 2021 meeting. Motion approved.

OLD BUSINESS: No old business.

NEW BUSINESS:

CURRICULAR ITEMS

Motion by Dr. White, seconded by Dr. Goza, to amend the order of the agenda to allow the course addition proposal 2a from the College of Business – Department of Accounting, Finance & Economics and the proposals from the College of Engineering & Applied Sciences – Department of Parks, Recreation, & Hospitality Administration 5a-d, to go first and then resume the order of the agenda. Motion approved.

College of Business – Department of Accounting, Finance & Economics

Motion by Dr. Goza, seconded by Dr. Lasker-Scott, to approve the following proposal from the College of Business – Department of Accounting, Finance & Economics. Motion approved.

a. Add ACCT 2033: Accounting for Non-Business Majors, to the course descriptions;

College of Engineering & Applied Sciences – Department of Parks, Recreation, & Hospitality Administration

Motion by Dr. Murphy, seconded by Dr. White, to approve the proposals from the College of Engineering & Applied Sciences – Department of Parks, Recreation, & Hospitality Administration as a block.

Motion by Dr. Murphy, seconded by Dr. White, to approve the following proposals from the College of Engineering & Applied Sciences – Department of Parks, Recreation, & Hospitality Administration. Motion approved.

a. Add RP 2023: Trail Planning and Management, to the course descriptions;
b. Modify the Curriculum in Hospitality Administration Event Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

c. Modify the Curriculum in Hospitality Administration Foodservice Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors; and

d. Modify the Curriculum in Hospitality Administration Lodging Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

1. College of Arts & Humanities – Department of Art

    Motion by Dr. Murphy, seconded by Dr. Goza, to approve the proposals from the College of Arts & Humanities – Department of Art as a block. Motion approved.

    Motion by Dr. Murphy, seconded by Dr. Goza, to approve the following proposals from the College of Arts & Humanities – Department of Art. Motion approved.

    a. Add GAME 1003: Introduction to Game Development; and
    b. Modify the Curriculum in Game and Interactive Media Design, as follows: (1) replace course options ART 2303/3303/4233 with ART 3073/3303/4233; (2) delete COMS 1403: Orientation to Computing, Information, and Technology, COMS 1411: Computer and Information Science Lab, and COMS 2104: Foundations of Computer Programming I; (3) add GAME 1003: Introduction to Game Development, one (1) hour ART or GAME Elective (1000-4000), COMS 1013: Programming I, and COMS 1011: Programming I Lab.

2. College of Business – Department of Accounting, Finance & Economics

    Motion by Dr. Leggett, seconded by Dr. Lasker-Scott, to approved the proposals from the College of Business – Department of Accounting, Finance & Economics 2b-i, as a block. Motion approved.

    Motion by Dr. White, seconded by Dr. Schwehm, to approve the following proposals from the College of Business – Department of Accounting, Finance & Economics, with an amendment to 2d1 to add any STAT course to the footnote. Motion approved.

    a. Add ACCT 2033: Accounting for Non-Business Majors, to the course descriptions (This proposal was approved at the beginning of meeting);

b. Delete ACCT 2000: Accounting Principles I Lab, from the course descriptions;
c. Change the course number for ACCT 2003: Accounting Principles I, to ACCT 2004; delete the co-requisite ACCT 2000: Accounting Principles I Lab; and add the note: Lecture three hours, laboratory one and a half hours;
d. Modify the Curriculum in Accounting, as follows: (1) add footnote on MATH 2223: "Any 2000 level MATH or STAT course or higher may be substituted for MATH 2223: (excluding MATH 2033: Mathematical Concepts I, MATH 2043: Mathematical Concepts II, and STAT 2163: Introduction to Statistical Methods). Students considering graduate school are advised to take MATH 2914: Calculus I."; (2) delete: MATH 1113: College Algebra; (3) delete footnote 2 on MATH 1113; (4) change: COMM 2173: Business and Professional Speaking to COMM 2173: Business and Professional Speaking or COMM 2003: Public Speaking; (5) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (7) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Science; (8) change: BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (9) add BDA 3013: Spreadsheet Modeling; (10) add BDA 3003: Data Analytics Apps; and (11) reduce Electives from 15 to 11 hours;
e. Add the Accelerated Bachelor of Science in Business Administration in Accounting to Master of Business Administration;
f. Modify the Curriculum in Finance, as follows: (1) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (2) delete co-requisite ACCT 2000: Accounting Principles I Lab; (3) delete MATH 1113: College Algebra; (4) add 2 hours of General Elective credit; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing (see proposal from Management and Marketing Dept.); (6) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences (see proposal from Management and Marketing Dept.); (7) change COMM 2173: Business and Professional Speaking to COMM 2173: Business and Professional Speaking or COMM 2003: Public Speaking; (8) delete ACCT 3003: Intermediate Accounting I; (9) add College of Business Elective {3000-4000}; and (10) add ACCT 3003: Intermediate Accounting I and FIN 3033: Principles of Real Estate to list of Finance Major Elective Options (footnote 4 in Curriculum Matrix);
g. Add the Accelerated Bachelor of Science in Business Administration in Finance to Master of Business Administration;
h. Modify the Minor in Accounting, as follows: (1) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (2) delete: ACCT 2000: Accounting Principles I Lab; and (3) note: the minor will require 22 total hours instead of 21 hours; and

i. Modify the Minor in Economics, as follows: (1) add the heading: "The minor in Economics is not available to Finance majors. The minor in Economics is available to all other majors provided that the student takes at least nine hours of coursework to satisfy the Economics minor requirements that are not otherwise counted as requirements for the student's major."; (2) delete the subheading: "Required Courses (9 hours); (3) delete the subheading: "Elective Courses (choose 9 hours) and courses; (4) add the heading: "The minor in Economics requires 18 hours of courses"; and (5) require the following courses:

   ECON 2003: Principles of Economics I or ECON 2103: Honors Principles of Economics I;
   ECON 2013: Principles of Economics II;
   ECON 3003: Money and Banking;
   ECON 3073: Intermediate Microeconomic Theory;
   ECON 3093: Econometrics; and
   Any other 3-hour ECON or FIN course.

3. College of Business – Department of Management & Marketing

   Motion by Dr. Goza, seconded by Dr. Idemudia, to approved the proposals from the College of Business – Department of Management & Marketing, as a block. Motion approved.

   Motion by Dr. Murphy, seconded by Dr. Enchelmayer, to approve the following proposals from the College of Business – Department of Management & Marketing. Motion failed.

   Motion by Dr. Murphy, seconded by Dr. Khan, to table the following proposals from the College of Business – Department of Management & Marketing until a statement can be provided from the Department of Behavior Sciences regarding the addition of PSY /SOC 2053: Statistics for the Behavioral Sciences, as a option to fulfill the statistics requirement. Motion approved.

   a. Modify the Curriculum in Business Data Analytics, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) reduce 3 hour Elective to 2 hour Elective; (5) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics

for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) delete "Specified Elective3" 6 hours; (7) delete "BOA Elective2" 9 hours; (8) add "Approved Elective2" 15 hours; (9) delete footnote 2: BDA Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics; (10) delete footnote 3: Three hours of Advanced Electives from the following: MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 2104: Foundations of Computer Programming I {Prerequisite COMS 1403: Orientation to Computing, Information, and Technology/COMS 1411: Computer and Information Science Lab) AND three hours of Support Elective from the following: MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration (Prerequisite HIM 3023: Introduction to Health Information Management) MGMT 4103: Supply Chain Management; and (11) add footnote 2: Approved Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics, MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 1013: Programming I, COMS 1011: Programming I Lab, MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration, MGMT 4103: Supply Chain Management, STAT 2303: Statistical Methods or higher-level STAT course;

b. Add the Accelerated Bachelor of Science in Business Administration in Business Data Analytics to Master of Business Administration;

c. Modify the Curriculum in Management Business Management Track, as follows: : (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) Delete MGMT 3023 Principles of Human Resource Management; (7) delete MGMT 4053: Small Business Management; (8) delete MGMT 4213: Strategy and Leadership; (9) add 5 hours of Electives; (10) delete MGMT 4103: Supply Chain Management; and (11) change 3 hours Management or College of Business Elective to 9 hours College of Business Elective 3000-4000;

d. Add the Accelerated Bachelor of Science in Business Administration in Management to Master of Business Administration;

e. Modify the Curriculum in Marketing Digital Marketing, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) reduce Electives from 9 hours to 8 hours; (7) delete 6 hours of College of Business Elective 3000-4000; (8) add BDA 3013: Business Spreadsheet Modeling; and (9) add 3 hours of MKT Elective (3000-4000);

f. Add the Accelerated Bachelor of Science in Business Administration in Marketing to Master of Business Administration;

g. Modify the Curriculum for the Associate of Business Administration, as follows: as follows: (1) delete ACCT 2003: Accounting Principles I, and add ACCT 2004: Accounting Principles I; (2) change BUAD 2053: Business Statistics, TO: BUAD 2053: Business Statistics, STAT 2163: Introduction to Statistical Methods, or PSY/SOC 2053: Statistics for the Behavioral Sciences; and (3) change the electives from 3 hours to 2 hours;

h. Modify the Minor in Business and Entrepreneurship, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors;

i. Change the title of the Minor in General Business, TO: Business Administration; and modify the Curriculum, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors.

4. College of Engineering & Applied Sciences – Department of Agriculture

Motion by Dr. Leggett, seconded by Dr. Idemudia, to approved the proposals from the College of Engineering & Applied Sciences – Department of Agriculture, as a block. Motion approved.

Motion by Dr. White, seconded by Dr. Murphy, to approve the following proposals from the College of Engineering & Applied Sciences – Department of Agriculture. Motion approved.

a. Modify the Curriculum in Agriculture Business Agriculture Business Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

b. Modify the Curriculum in Agriculture Business Animal Science Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

c. Modify the Curriculum in Agriculture Business Horticulture Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors; and

d. Modify the Curriculum in Agriculture Business Pre-Veterinary Medicine Option, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors

5. College of Engineering & Applied Sciences – Department of Parks, Recreation, & Hospitality Administration

(The following proposals approved at beginning of meeting)

a. Add RP 2023: Trail Planning and Management, to the course descriptions;

b. Modify the Curriculum in Hospitality Administration Event Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

c. Modify the Curriculum in Hospitality Administration Foodservice Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors; and

d. Modify the Curriculum in Hospitality Administration Lodging Management Emphasis, as follows: (1) delete ACCT 2003: Accounting Principles I, and ACCT 2000: Accounting Principles I Lab; and (2) add ACCT 2033: Accounting for Non-Business Majors;

6. College of Natural & Health Sciences – Department of Mathematics

Motion by Dr. Goza, seconded by Dr. Idemudia, to approved the proposals from the College of Natural & Health Sciences – Department of Mathematics, as a block. Motion approved.

Motion by Dr. White, seconded by Dr. Schwehm, to approve the following proposals from the College of Natural & Health Sciences – Department of Mathematics, with an amendment to the course description for STAT 2303 (2304). The amendment

a. Add STAT 4383: Machine Learning, to the course descriptions, and cross-list with STAT 5383;
b. Delete STAT 2000: Statistical Packages Lab, from the course descriptions;
c. Change the course number for STAT 2303: Statistical Methods, TO: STAT 2304; change the title to Programming Languages for Data Science; modify the Prerequisite FROM: Prerequisite: MATH 2914: Calculus I, or permission of instructor, TO: Prerequisite: any introductory statistics course; delete the Co-requisite: Co-requisite: STAT 2000: Statistical Packages Lab; and modify the course description FROM; The goal of this course is to introduce students to statistical methods for analyzing data. Some of the topics included are: describing data, basic probability, random variables, normal and binomial distributions, sampling distributions, confidence intervals, hypothesis testing, correlation and regression, contingency table, comparing two populations, ANOVA, TO: New Course Description: The goal of this course is to introduce the basic computer programming using Python and R to the undergraduate students, who are interested in working in the rapidly growing fields of data science and data analytics. Python and R are two open-source programming languages with a large data scientist community. This course will introduce the basic programming skills and tools necessary to efficiently collect, process, visualize, and analyze the datasets. Hands-on project will be given to help students gain experience with the software packages ~~(Python, R, GitHub, Google Collaboratory, Jupyter Notebook, and RStudio)~~;
d. Cross-list STAT 4113: Categorical Data Analysis, with STAT 5113; and modify the Prerequisite FROM: Prerequisite: STAT 3113: Regression Analysis, TO: Prerequisite: STAT 3113: Regression Analysis, or permission of the instructor;
e. Cross-list STAT 4153: Experimental Design and Analysis, with STAT 5153;
f. Cross-list STAT 4393: Statistical Learning, with STAT 5393; and modify the Prerequisite FROM: Prerequisite: STAT 3113, TO: Prerequisite: STAT 3113: Regression Analysis, or permission of the instructor;
g. Modify the Curriculum in Applied Statistics Actuarial Science Option, as follows: (1) delete 1 hour of Elective; (2) delete STAT 2303: Statistical Methods; (3) add STAT 2163: Introduction to Statistical Methods; (4) delete MATH 2703: Discrete Mathematics; (5) add STAT 2304: Programming Languages for Data Science; (6) delete MATH 3243: Differential Equations; (7) add 2 hours of Quantitative Elective; and (8) change ACCT 2003: Accounting Principles I, to ACCT 2004;
h. Modify the Curriculum in Applied Statistics Data Science Option, as follows: (1) delete one (1) hour of Elective; (2) delete STAT 2303: Statistical Methods; (3) add STAT 2163: Introduction to Statistical Methods; (4) add STAT 2304: Programming

Languages for Data Science; (5) delete Elective3; (6) delete MATH 3243: Differential Equations; (7) add STAT 4383: Machine Learning; and change Elective3 to MATH/STAT Elective3.

ANNOUNCEMENTS AND INFORMATION ITEMS

B. Ms. Weaver announced the Fall meetings would be held at 3 p.m. vis WebEx on the following dates:
Tuesday, November 23, 2021
TBA December, 2021

ADJOURNMENT

Adjourned at 3:50 p.m.

Curriculum Committee
AGENDA
Tuesday, November 23, 2021
WebEx Meeting, 3 p.m.

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
Dr. Nina Goza (BA)
Dr. Timothy Leggett (ED)
Dr. Dong Soo Lee (EAS)
Dr. Jeremy Schwehm (SN)
Dr. Jackie Bowman (NHS)

Newly Elected for 2 Year Term:
Dr. Donna White (AH)
Dr. Efosa Idemudia (BA)
Dr. Debra Murphy (ED)
Dr. Safeer Khan (EAS)
Dr. Tennille Lasker-Scott (SN)
Dr. Michael Davis (NHS)

Dr. Jacob Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

I. Call to Order

    A. Approval of minutes from October 26, 2021, meeting

II. New Business

    A. Curricular Items

1. College of Business – Department of Management & Marketing

   a. Modify the Curriculum in Business Data Analytics, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) reduce 3 hour Elective to 2 hour Elective; (5) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) delete "Specified Elective3" 6 hours; (7) delete "BOA Elective2" 9 hours; (8) add "Approved Elective2" 15 hours; (9) delete footnote 2: BDA Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics; (10) delete footnote 3: Three hours of Advanced Electives from the following: MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 2104: Foundations of Computer Programming I {Prerequisite COMS 1403: Orientation to Computing, Information, and Technology/COMS 1411: Computer and Information Science Lab) AND three hours of Support Elective from the following: MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration (Prerequisite HIM 3023: Introduction to Health Information Management) MGMT 4103: Supply Chain Management; and (11) add footnote 2: Approved Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics, MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 1013: Programming I, COMS 1011: Programming I Lab, MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration, MGMT 4103: Supply Chain Management, STAT 2303: Statistical Methods or higher-level STAT course;
   b. Add the Accelerated Bachelor of Science in Business Administration in Business Data Analytics to Master of Business Administration;
   c. Modify the Curriculum in Management Business Management Track, as follows: : (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) Delete MGMT 3023 Principles of Human Resource Management; (7) delete MGMT 4053: Small Business Management; (8) delete MGMT 4213: Strategy and Leadership; (9) add 5 hours of Electives; (10) delete MGTM 4103: Supply Chain Management; and (11) change 3 hours Management or College of Business Elective to 9 hours College of Business Elective 3000-4000;
   d. Add the Accelerated Bachelor of Science in Business Administration in Management to Master of Business Administration;

e. Modify the Curriculum in Marketing Digital Marketing, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) reduce Electives from 9 hours to 8 hours; (7) delete 6 hours of College of Business Elective 3000-4000; (8) add BDA 3013: Business Spreadsheet Modeling; and (9) add 3 hours of MKT Elective (3000-4000);

f. Add the Accelerated Bachelor of Science in Business Administration in Marketing to Master of Business Administration;

g. Modify the Curriculum for the Associate of Business Administration, as follows: as follows: (1) delete ACCT 2003: Accounting Principles I, and add ACCT 2004: Accounting Principles I; (2) change BUAD 2053: Business Statistics, TO: BUAD 2053: Business Statistics, STAT 2163: Introduction to Statistical Methods, or PSY/SOC 2053: Statistics for the Behavioral Sciences; and (3) change the electives from 3 hours to 2 hours;

h. Modify the Minor in Business and Entrepreneurship, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors;

i. Change the title of the Minor in General Business, TO: Business Administration; and modify the Curriculum, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors.

2. College of Arts & Humanities – Department of History & Political Science

a. Delete HIST 3291: Practicum in Public History, from the course descriptions;

b. Modify the course description for HIST 3273: Digital History, FROM: This is an experimental class, and has no official description other than it is a directed seminar in an area of social science. This class has been structured to focus on unique educational opportunities; TO: Course discusses the theoretical and practical impact of new media and technology on the study of history, especially in the field of Public History. It examines how digital media has influenced and is still influencing how we research, write, present, and teach history to a diverse audience;

c. Modify the Curriculum in Public History, as follows: (1) delete the following courses:
     HIST 3223: Local and Oral History;
     HIST 3243: Archive and Manuscript Management;
     HIST 3281: Grant Writing for Historians;
     HIST 3283: Historical Editing;
     HIST 3291: Practicum in Public History;
     HIST 4293: Historic Preservation;
     HIST 4143: Native American History; and
     HIST/ANTH/MUSM 4403: Interpretation/Education through Museum Methods;
     (2) select 9 hours of Public History Core from the following list:
     HIST 3223: Local and Oral History;

HIST 3243: Archive and Manuscript Management;
HIST 3273: Digital History;
HIST 4293: Historic Preservation; and
HIST/ANTH/MUSM 4403: Interpretation/Education through Museum;
(3) add 3 hours to the European/World History requirements (6 hours to 9 hours); (4) add 3 hours to the U.S. History requirements (6 hours to 9 hours); (5) change GEOG 3803: Historical Geography, or GEOG 4203: Place and Collective Memory, to 3 hours of 3000-4000 level GEOG Elective; (6) add 6 hours of 3000-4000 level HIST Electives; (7) delete one hours of Elective; and (8) update the introductory section of the catalog; and

   d. Modify the Accelerated Bachelor of Arts in History to Master of Art in History, as follows: modify Footnote 7, FROM: Students can take up to 6 credit hours at the 5000-level and 6000-level that can count as 4000-level courses. Two graduate-level courses, HIST 6033 Readings in US History and HIST 6543 Readings in World History, can be used to replace two upper-division undergraduate electives, either US history, or world history, to fulfill the requirements for a BA degree in history, TO: Students admitted to the Accelerated Bachelor of Arts in History to the Master of Art in History may take any graduate HIST course at the 5000 and 6000 level to be used to substitute for any 4000-level HIST undergraduate course.

3. College of Engineering & Applied Sciences – Department of Electrical Engineering

   a. Modify the Curriculum in Computer Engineering, as follows: (1) delete COMS 2903: Discrete Structure for Technical Majors; (2) add MATH 2703: Discrete Mathematics; and (3) change COMS 2104: Foundations of Computer Programming I, TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab;

   b. Modify the Curriculum in Electrical Engineering, as follows: (1) change COMS 2903: Discrete Structure for Technical Majors, OR MATH 2703: Discrete Mathematics, TO: MATH 2703: Discrete Mathematics; and (2) change COMS 2104: Foundations of Computer Programming I, TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab;

   c. Modify the Curriculum in Electrical Engineering Biomedical Option, as follows: Modify the Curriculum in Electrical Engineering, as follows: (1) change COMS 2903: Discrete Structure for Technical Majors, OR MATH 2703: Discrete Mathematics, TO: MATH 2703: Discrete Mathematics; and (2) change COMS 2104: Foundations of Computer Programming I, TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab; and

   d. Add the Accelerated Bachelor of Science in Electrical Engineering -Electrical Engineering and Electrical Engineering Biomedical Option, and Computer Engineering to Master of Engineering in Electrical Engineering.

4. College of Engineering & Applied Sciences – Department of Emergency Management

   a. Modify the course description for EAM 1013: Aim and Scope of Emergency Management, FROM: Provides a broad overview of Emergency Management in the context of Mitigation, Preparedness, Response, and Recovery. Required for major, TO:

Provides a broad overview of the Emergency Management in the context of Mitigation, Preparedness, Response, and Recovery, with exploration of the causes, characteristics, nature and effects of natural and technological hazards. Require for major;

b. Modify the Curriculum in Emergency Administration and Management, as follows: (1) delete EAM 1003: Living in the Hazardous Environment; and (2) add 3 hours of Electives; and

c. Add the Accelerated Bachelor of Science in Emergency Administration and Management to Master of Science in Emergency Management and Homeland Security.

5. College of Engineering & Applied Sciences – Department of Mechanical Engineering

a. Add the Accelerated Bachelor of Science in Mechanical Engineering -Mechanical Engineering to Master of Engineering in Mechanical Engineering.

6. College of Natural & Health Sciences – Department of Physical Sciences

a. Add PHYS 4023: Computational Physics, to the course descriptions;

b. Modify the Curriculum in Engineering Physics, as follows: (1) add the following courses:
   PHYS 2000: Physics Laboratory I
   PHYS 2010: Physics Laboratory II
   PHYS 3003: Optics
   PHYS 4023: Computational Physics
   PHYS 4213: Advanced Topics in Physics and Astronomy
   MATH 4003: Linear Algebra I
   STAT 2303: Statistical Methods;
   (2) delete the following courses:
   6 hours of 3000-4000 level Physics Elective
   3 hours of 3000-4000 level Mathematics Elective
   MATH 1914: Precalculus;
   (3) change PHYS 4951-4: Undergraduate Research in Physics or PHYS 4991-4: Special Problems in Physics and Astronomy, TO: PHYS 4951: Undergraduate Research in Physics; (4) require PHYS 4003: Thermodynamics and Statistical Mechanics, or 3 hours of 3000-4000 level Mathematics Elective excluding MATH 3003: Foundations of Number Systems, MATH 3033: Methods of Teaching Elementary Mathematics, and MATH 4113: History of Mathematics; (5) change COMS 2803 TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab; (6) change Physical Science, Biology, Engineering, or Computer Science Electives from 7 hours to 9 hours requiring 3000-4000 level for 6 of the hours; and (7) change General Electives from 10 hours to 5 hours; and

c. Modify the Curriculum in Physics, as follows: (1) add the following courses:
   PHYS 2000: Physics Laboratory I
   PHYS 2010: Physics Laboratory II
   PHYS 3003: Optics
   PHYS 4023: Computational Physics
   PHYS 4213: Advanced Topics in Physics and Astronomy

MATH 4003: Linear Algebra I

STAT 2303: Statistical Methods

(2) delete the following courses:

6 hours of 3000-4000 level Physics Elective

3 hours of 3000-4000 level Mathematics Elective

MATH 1914: Precalculus

(3) change PHYS 4951-4: Undergraduate Research in Physics or PHYS 4991-4: Special Problems in Physics and Astronomy, TO: PHYS 4951: Undergraduate Research in Physics; (4) require PHYS 4003: Thermodynamics and Statistical Mechanics, or 3 hours of 3000-4000 level Mathematics Elective excluding MATH 3003: Foundations of Number Systems, MATH 3033: Methods of Teaching Elementary Mathematics, and MATH 4113: History of Mathematics; (5) change COMS 2803 TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab; (6) change Physical Science, Biology, Engineering, or Computer Science Electives from 7 hours to 9 hours requiring 3000-4000 level for 6 of the hours; and (7) change General Electives from 10 hours to 5 hours.

B. All proposals I have received have been approved after the November meeting. No December meeting needed at this time. Proposed meetings with dates and times:

Tuesday, January 25, 3 p.m. WebEx

Tuesday, February 23, 3 p.m. WebEx

C. MODERN CAMPUS DIGARC Curriculog

Rachel Xiong from Modern Campus who merged with Digarc (Curriculog and Acalog software products) will conduct a demonstration of the software to the Curriculum Committee chair, Faculty Senate chair, General Education Committee chair, and Registrar's Office and Academic Affairs representatives on November 10.

Curriculog is a software package that manages curriculum changes. See the following link for a quick overview of the software: https://www.digarc.com/solutions/curriculum-management/

The faculty member can access all the course descriptions in the discipline. The software allows you to edit course title, prerequisites, corequisites, course description, etc. The faculty member can access the program introduction section and matrix for a program. The software allows you to edit the text, footnotes, and matrix. All requested changes are tracked and an agenda for your governance meeting can be produced. There is an approval process available in the software too.

The session will be recorded and a link provided to the Curriculum Committee to view the software.

Arkansas Tech University

Curriculum Committee Minutes

The Curriculum Committee met on Tuesday, November 23, 2021, via WebEx at 3 p.m. The following are members of the committee:

2021-22 Curriculum Committee members include:

Completing Last Year of 2 Year Term:
Dr. Ernest Enchelmayer (AH)
Dr. Nina Goza (BA)
Dr. Timothy Leggett (ED)
Dr. Dong Soo Lee (EAS)
Dr. Jeremy Schwehm (SN)
Dr. Jackie Bowman (NHS)

Newly Elected for 2 Year Term:
Dr. Donna White (AH)
Dr. Efosa Idemudia (BA)
Dr. Debra Murphy (ED)
Dr. Safeer Khan (EAS)
Dr. Tennille Lasker-Scott (SN)
Dr. Michael Davis (NHS)

Dr. Jacob Grosskopf (at large; 1- year term)

Ms. Tammy Weaver, Registrar (ex officio)
Dr. Christine Austin, Assessment (ex officio)
Ms. Sheryle Tinerella, Library (ex officio)
Vacant SGA members (ex officio)
Vacant SGA members (ex officio)

All committee members were present except Dr. Austin. The following were present to answer questions regarding curriculum proposals: Dr. Matt Brown, Dr. Sandy Smith, Dr. Aaron McArthur, Dr. John Krohn, and Dr. Hamed Shojaei. Ms. Brandi Tripp and Ms. Alexis Scrimshire from the Registrar's Office were present to assist with technology.

Motion by Dr. White, seconded by Dr. Khan, to approve the minutes from October 26, 2021 meeting. Motion approved.

OLD BUSINESS: Tabled Curriculum Items

1. College of Business – Department of Management & Marketing

   Motion by Dr. Davis, seconded by Dr. Schwehm, to un-table and approve the proposals from the College of Business – Department of Management & Marketing with the amendment to list PSY/SOC 2053: Statistics for the Behavioral Science as a footnote instead of as "OR". Motion approved.

   a. Modify the Curriculum in Business Data Analytics, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) reduce 3 hour Elective to 2 hour Elective; (5) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) delete "Specified Elective3" 6 hours; (7) delete "BOA Elective2" 9 hours; (8) add "Approved Elective2" 15 hours; (9) delete footnote 2: BDA Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics; (10) delete footnote 3: Three hours of Advanced Electives from the following: MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 2104: Foundations of Computer Programming I {Prerequisite COMS 1403: Orientation to Computing, Information, and Technology/COMS 1411: Computer and Information Science Lab) AND three hours of Support Elective from the following: MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration (Prerequisite HIM 3023: Introduction to Health Information Management) MGMT 4103: Supply Chain Management; and (11) add footnote 2: Approved Electives: MGMT 3113: Business Process Improvement, BDA 4031-3: Internship, BDA 4073: Special Topics, MKT 4013: Digital Metrics, FIN 4033: Financial Modeling, COMS 1333: Web Publishing, COMS 1013: Programming I, COMS 1011: Programming I Lab, MKT 3063: Social Media Marketing, PHIL 3103: Logic, HIM 4063: Organization and Administration, MGMT 4103: Supply Chain Management, STAT 2303: Statistical Methods or higher-level STAT course;
   b. Add the Accelerated Bachelor of Science in Business Administration in Business Data Analytics to Master of Business Administration;
   c. Modify the Curriculum in Management Business Management Track, as follows: : (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173:

Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) Delete MGMT 3023 Principles of Human Resource Management; (7) delete MGMT 4053: Small Business Management; (8) delete MGMT 4213: Strategy and Leadership; (9) add 5 hours of Electives; (10) delete MGTM 4103: Supply Chain Management; and (11) change 3 hours Management or College of Business Elective to 9 hours College of Business Elective 3000-4000;

d. Add the Accelerated Bachelor of Science in Business Administration in Management to Master of Business Administration;

e. Modify the Curriculum in Marketing Digital Marketing, as follows: (1) delete COMM 2173: Business & Professional Speaking; (2) add COMM 2173: Business & Professional Speaking; or COMM 2003: Public Speaking; (3) change ACCT 2003: Accounting Principles I to ACCT 2004: Accounting Principles I; (6) delete: ACCT 2000: Accounting Principles I Lab; (4) change BUAD 2053: Business Statistics to STAT 2163: Introduction to Statistical Methods or PSY /SOC 2053: Statistics for the Behavioral Sciences; (5) change BUAD 3023: Business Communications to ENGL 2053: Technical Writing; (6) reduce Electives from 9 hours to 8 hours; (7) delete 6 hours of College of Business Elective 3000-4000; (8) add BDA 3013: Business Spreadsheet Modeling; and (9) add 3 hours of MKT Elective (3000-4000);

f. Add the Accelerated Bachelor of Science in Business Administration in Marketing to Master of Business Administration;

g. Modify the Curriculum for the Associate of Business Administration, as follows: as follows: (1) delete ACCT 2003: Accounting Principles I, and add ACCT 2004: Accounting Principles I; (2) change BUAD 2053: Business Statistics, TO: BUAD 2053: Business Statistics, STAT 2163: Introduction to Statistical Methods, or PSY/SOC 2053: Statistics for the Behavioral Sciences; and (3) change the electives from 3 hours to 2 hours;

h. Modify the Minor in Business and Entrepreneurship, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors;

i. Change the title of the Minor in General Business, TO: Business Administration; and modify the Curriculum, as follows: (1) delete ACCT 2003: Accounting Principles I, and (2) add ACCT 2004: Accounting Principles I, or ACCT 2033: Accounting for Non-Business Majors.

NEW BUSINESS:

CURRICULAR ITEMS

1. College of Arts & Humanities – Department of Behavioral Sciences

   Motion by Dr. Murphy seconded by Dr. Davis, to approve the proposals from the College of Arts & Humanities – Department of Behavior Sciences, as a block. Motion approved.

   Motion by Dr. Khan, seconded by Dr. Murphy, to approve the following proposal from the College of Arts & Humanities – Department of Behavioral Sciences. Motion approved.

   a. Modify the course description for EAM 1013: Aim and Scope of Emergency Management, FROM: Provides a broad overview of Emergency Management in the context of Mitigation, Preparedness, Response, and Recovery. Required for major, TO: Provides a broad overview of the Emergency Management in the context of Mitigation, Preparedness, Response, and Recovery, with exploration of the causes, characteristics, nature and effects of natural and technological hazards. Require for major;
   b. Modify the Curriculum in Emergency Administration and Management, as follows: (1) delete EAM 1003: Living in the Hazardous Environment; and (2) add 3 hours of Electives; and
   c. Add the Accelerated Bachelor of Science in Emergency Administration and Management to Master of Science in Emergency Management and Homeland Security.

2. College of Arts & Humanities – Department of History & Political Science

   Motion by Dr. Davis, seconded by Dr. Goza, to approve the proposals from the College of Arts & Humanities – Department of History & Political Science, as a block. Motion approved.

   Motion by Dr. White, seconded by Dr. Enchelmayer, to approve the following proposal from the College of Arts & Humanities – Department of History & Political Science. Motion approved.

   a. Delete HIST 3291: Practicum in Public History, from the course descriptions;
   b. Modify the course description for HIST 3273: Digital History, FROM: This is an experimental class, and has no official description other than it is a directed seminar in an area of social science. This class has been structured to focus on unique educational opportunities; TO: Course discusses the theoretical and practical impact of new media and technology on the study of history, especially in the field of Public History. It examines how digital media has influenced and is

still influencing how we research, write, present, and teach history to a diverse audience;

    c. Modify the Curriculum in Public History, as follows: (1) delete the following courses:

        HIST 3223: Local and Oral History;

        HIST 3243: Archive and Manuscript Management;

        HIST 3281: Grant Writing for Historians;

        HIST 3283: Historical Editing;

        HIST 3291: Practicum in Public History;

        HIST 4293: Historic Preservation;

        HIST 4143: Native American History; and

        HIST/ANTH/MUSM 4403: Interpretation/Education through Museum Methods;

    (2) select 9 hours of Public History Core from the following list:

        HIST 3223: Local and Oral History;

        HIST 3243: Archive and Manuscript Management;

        HIST 3273: Digital History;

        HIST 4293: Historic Preservation; and

        HIST/ANTH/MUSM 4403: Interpretation/Education through Museum;

    (3) add 3 hours to the European/World History requirements (6 hours to 9 hours); (4) add 3 hours to the U.S. History requirements (6 hours to 9 hours); (5) change GEOG 3803: Historical Geography, or GEOG 4203: Place and Collective Memory, to 3 hours of 3000-4000 level GEOG Elective; (6) add 6 hours of 3000-4000 level HIST Electives; (7) delete one hours of Elective; and (8) update the introductory section of the catalog; and

    d. Modify the Accelerated Bachelor of Arts in History to Master of Art in History, as follows: modify Footnote 7, FROM: Students can take up to 6 credit hours at the 5000-level and 6000-level that can count as 4000-level courses. Two graduate-level courses, HIST 6033 Readings in US History and HIST 6543 Readings in World History, can be used to replace two upper-division undergraduate electives, either US history, or world history, to fulfill the requirements for a BA degree in history, TO: Students admitted to the Accelerated Bachelor of Arts in History to the Master of Art in History may take any graduate HIST course at the 5000 and 6000 level to be used to substitute for any 4000-level HIST undergraduate course.

3. College of Engineering & Applied Sciences – Department of Electrical Engineering

    Motion by Dr. Leggett, seconded by Dr. Goza, to approve the proposals from the College of Engineering & Applied Sciences – Department of Electrical Engineering, as a block. Motion approved.

Motion by Dr. Schwehm, seconded by Dr. Davis, to approve the following proposal from the College of Engineering & Applied Sciences – Department of Electrical Engineering. Motion approved.

a. Modify the Curriculum in Computer Engineering, as follows: (1) delete COMS 2903: Discrete Structure for Technical Majors; (2) add MATH 2703: Discrete Mathematics; and (3) change COMS 2104: Foundations of Computer Programming I, TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab;

b. Modify the Curriculum in Electrical Engineering, as follows: (1) change COMS 2903: Discrete Structure for Technical Majors, OR MATH 2703: Discrete Mathematics, TO: MATH 2703: Discrete Mathematics; and (2) change COMS 2104: Foundations of Computer Programming I, TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab;

c. Modify the Curriculum in Electrical Engineering Biomedical Option, as follows: Modify the Curriculum in Electrical Engineering, as follows: (1) change COMS 2903: Discrete Structure for Technical Majors, OR MATH 2703: Discrete Mathematics, TO: MATH 2703: Discrete Mathematics; and (2) change COMS 2104: Foundations of Computer Programming I, TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab; and

d. Add the Accelerated Bachelor of Science in Electrical Engineering -Electrical Engineering and Electrical Engineering Biomedical Option, and Computer Engineering to Master of Engineering in Electrical Engineering.

4. College of Engineering & Applied Sciences – Department of Mechanical Engineering

   Motion by Dr. Davis, seconded by Dr. Schwehm, to approve the following proposal from the College of Engineering & Applied Sciences – Department of Mechanical Engineering. Motion approved.

   a. Add the Accelerated Bachelor of Science in Mechanical Engineering -Mechanical Engineering to Master of Engineering in Mechanical Engineering.

5. College of Natural & Health Sciences – Department of Physical Sciences

   Motion by Dr. Goza, seconded by Dr. White, to approve the proposals from the College of Natural & Health Sciences – Department of Physical Sciences, as a block. Motion approved.

Motion by Dr. Khan, seconded by Dr. Leggett, to approve the following proposal from the College Natural & Health Sciences – Department of Physical Sciences. The summary should be corrected to reflect the proposal. Motion approved.

a. Add PHYS 4023: Computational Physics, to the course descriptions;
b. Modify the Curriculum in Engineering Physics, as follows: (1) add the following courses:

       MCEG 1002: Engineering Graphics;
       MCEG 2013: Statics;
       MCEG 2033: Dynamics;
       MCEG 3313: Thermodynamics I;
       MCEG/ELEG 4202: Engineering Design;
       PHYS 2000: Physics Laboratory I;
       PHYS 2010: Physics Laboratory II;
       PHYS 4023: Computational Physics; and
       3 hours of MCEG/ELEG/COMS electives

(2) delete the following courses:

       MCEG/ELEC 4991: Special Problems in Engineering, or MCEG/ELEG 4951: Undergraduate Research in Electrical Engineering;
       PHYS 4991: Special Problems in Physics and Astronomy;
       3 hours of upper division MATH;
       CHEM 2134: CHEM 2134: General Chemistry II, and CHEM 2130: General Chemistry II Lab;
       4 hours of Biology; and
       2 hours of Elective;

(3) change MCEG/ELEG Electives to MCEG/ELEG/COMS; (4) change PHYS 4951: Undergraduate Research in Physics or PHYS 4991: Special Problems in Physics and Astronomy, TO: PHYS 4951: Undergraduate Research in Physics; (5) change COMS 2803 TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab; (6) allow PHYS 4213: Advanced Topics in Physics and Astronomy, or 3 hours of upper division MATH; and (7) change 6 hours of Social Sciences, 3 hours of Fine Arts/Humanities or 0-3 hours of Communication, TO: 3 hours of Social Science and 6 hours of Fine Arts/Humanities; and

c. Modify the Curriculum in Physics, as follows: (1) add the following courses:

       PHYS 2000: Physics Laboratory I
       PHYS 2010: Physics Laboratory II
       PHYS 3003: Optics
       PHYS 4023: Computational Physics
       PHYS 4213: Advanced Topics in Physics and Astronomy
       MATH 4003: Linear Algebra I

STAT 2303: Statistical Methods
(2) delete the following courses:
6 hours of 3000-4000 level Physics Elective
3 hours of 3000-4000 level Mathematics Elective
MATH 1914: Precalculus
(3) change PHYS 4951-4: Undergraduate Research in Physics or PHYS 4991-4: Special Problems in Physics and Astronomy, TO: PHYS 4951: Undergraduate Research in Physics; (4) require PHYS 4003: Thermodynamics and Statistical Mechanics, or 3 hours of 3000-4000 level Mathematics Elective excluding MATH 3003: Foundations of Number Systems, MATH 3033: Methods of Teaching Elementary Mathematics, and MATH 4113: History of Mathematics; (5) change COMS 2803 TO: COMS 1013: Programming I, and COMS 1011: Programming I Lab; (6) change Physical Science, Biology, Engineering, or Computer Science Electives from 7 hours to 9 hours requiring 3000-4000 level for 6 of the hours; and (7) change General Electives from 10 hours to 5 hours.

ANNOUNCEMENTS:

All proposals received have been approved after the November meeting. No December meeting needed at this time. Proposed meetings for spring with dates and times:

Tuesday, January 25, 3 p.m. WebEx
Tuesday, February 23, 3 p.m. WebEx

MODERN CAMPUS DIGARC Curriculog

Rachel Xiong from Modern Campus who merged with Digarc (Curriculog and Acalog software products) conducted a demonstration of the curriculum management software to the Curriculum Committee chair, Faculty Senate chair, General Education Committee chair, and Registrar's Office and Academic Affairs representatives on November 10. Ms. Weaver will send a link to the WebEx for Curriculum Committee members to watch the presentation. Dr. Bowman would like to send a recommendation to the Faculty Senate supporting purchase of the software.