

**MINUTES**  
**UNIVERSITY CURRICULUM COMMITTEE**  
**APRIL 28, 2017**  
**230 STUDENT SERVICES BUILDING, 2:00 – 3:45 PM**

**Present:** Jim Bassett (CAUS), Aaron Goldstein (COE), Patricia Lavender (CLAHS), Carolyn Meier (UCCGE), Rachel Saville (Staff Senate)

**Absent with notification:** Paul Deck (COS), R. Bruce Hull (CNRE), Mary Kasarda, Monica Ponder (CALs), Stephen Skripak (PCOB)

**Visitors:** Heather Gumbert (HIST), Jessica Hurdus (MATH), Nancy McGehee (HTM), Gary Seidel (AOE), Naya Sou (NEUR) Gary Walton (HTM), Gary Kinder, Justin D. Sanders

The meeting was called to order at **2:00 PM** by Jim Bassett, Acting Chair.

A motion to adopt the agenda as amended (adjustment in order of items to accommodate presenters) was made, seconded, and approved.

Announcement of approval of minutes: April 14, 2017 – Minutes voted on electronically.

## **NEW BUSINESS**

### **Pamplin College of Business**

**Course:** HTM 2314 (MGT 2314) Introduction to International Business (New) Spring 2018 (CM-3687)

Motion was made and seconded to **APPROVE** HTM 2314 (MGT 2314) Introduction to International Business (New) Spring 2018 (CM-3687), **with modifications:**

- Section I Catalog Description:
  - 1<sup>st</sup> Sentence—Please consider striking the phrase “Introduction to” to read “Fundamental concepts...business.”
  - 2<sup>nd</sup> Sentence—Please consider striking the phrase “Explores the” to read “International business...managing it.”
  - 3<sup>rd</sup> Sentence—Please consider striking the word “Examines” to read “Why international...decisions.”
  - 4<sup>th</sup> Sentence—Please consider striking the phrase “Emphasis on examining the” to read “Causes and...tourism.”
  - 5<sup>th</sup> Sentence—Please consider removing the word “and” and adding the phrase “and ethical” to read “Operational, strategic, and ethical issues...corporations.”
  - Course Number—Please strike “(HTM and MGT cross listing)”

- Section II Learning Objectives: 1<sup>st</sup> Item—Please consider striking the phrase “Demonstrate knowledge of” and adding additional verbiage to read “Explain the history of international businesses and why they exist, the drivers...decisions.”
- Section III Justification—3<sup>rd</sup> Paragraph: Please add additional verbiage to detail the knowledge, skills, and background provided to students in 1000 level courses that justify the course level.

**Motion passed unanimously.**

**College of Engineering**

**Course:** AOE 2024 Thin-Walled Structures (New) Spring 2018 (CM-3677)

Motion was made and seconded to **APPROVE** AOE 2024 Thin-Walled Structures (New) Spring 2018 (CM-3677), **with modifications:**

- Resource Letter: Please edit letter to clarify that the course proposal is a new course, not a revision. *Change may be made to existing letter with pen and ink correction.*
- Section II Learning Objectives: 7<sup>th</sup> Item—Please consider striking the phrase “of analyzing” and adding the phrase “and analyze” to read “Recognize and analyze the...orientations.”

**Motion passed unanimously.**

AOE 3024 Thin-Walled Structures will be discontinued (deleted) from the catalog with the approval of AOE 2024 Thin-Walled Structures (CM-3677)

**Course:** AOE 3124 Aerospace Structures (Revised) Spring 2018 (CM-3678)

Motion was made and seconded to **APPROVE** AOE 3124 Aerospace Structures (Revised) Spring 2018 (CM-3678), **with modifications:**

- Section I Catalog Description:
  - Please consider adding verbiage related to “margins of safety analysis” to better align Catalog Description with Learning Objectives and Syllabus content
  - Please strike “AOE” to read “Pre: 2024”

**Motion passed unanimously.**

**Course:** CEM 4064 Design for Hazard Control in Construction (Revised) Fall 2017 (CM-3013)

Motion was made and seconded to **APPROVE** CEM 4064 Design for Hazard Control in Construction (New) Fall 2017 (CM-3013), **with modifications:**

- Section I Catalog Description:
  - 2<sup>nd</sup> Sentence—Please consider striking the phrase “of the course is” to read “Emphasis on ... (PTD)”
  - 4<sup>th</sup> Sentence:
    - Please consider striking the phrase “Course involves” to read “Lecture and...activities”
    - Please consider adding additional verbiage to clarify “participatory activities” (i.e., field trips, site visits)
  - Please capitalize the letter “c” to read “(C- or better)”
  - Please verify the use of the word “hazard” versus the word “risk” throughout the Catalog Description, Learning Objectives and Syllabus. Please consider use of the same terminology to provide alignment throughout the document, if these terms are not used interchangeably within the discipline.
- Section II Learning Objectives: Please strike the phrase “will demonstrate the ability to” to read “Having successfully...will be able to”
- Section IV Prerequisites and Corequisites: Please reformat to read “Pre: Grade of C- or better in CEE 3014 Construction Management”
- Please include letter from CEE regarding use of CEE 3014 as a prerequisite

**Motion passed unanimously.**

**Course:** ECE 3134 Introduction to Optoelectrics (New) Fall 2017 (CM-3587)

Motion was made and seconded to **APPROVE** ECE 3134 Introduction to Optoelectrics (New) Fall 2017 (CM-3587), **with modifications, pending review of ad-hoc committee:**

- Section II Learning Objectives:
  - 1<sup>st</sup> Item—Please consider replacing the word “Identify” with the word “Synthesize” and the word “relationship” with “relationships” to read “Synthesize the relationships between...frequency.”
  - Please consider adding an additional learning objective concerning “optoelectronic materials and quantum wells” to better align Learning Objectives with Catalog Description and Learning Objectives

- Section III Justification: Please consider adding additional verbiage detailing course content and learning objectives to further justify three credit hours
- Section VI Syllabus:
  - 4<sup>th</sup> Item—Please consider rephrasing to read “Rate equation of laser performance”
  - 5<sup>th</sup> Item—Please consider rephrasing to read “Performance of photodetectors”

**Motion passed unanimously.**

**Course:** ECE 3174 Optoelectrics Laboratory (New) Fall 2017 (CM-3588)

Motion was made and seconded to **APPROVE** ECE 3174 Optoelectrics Laboratory (New) Fall 2017 (CM-3588), **with modifications:**

- Section I Catalog Description: 3<sup>rd</sup> Sentence—Please consider replacing the word “Construct” with the phrase “Construction of” to read “Construction of simple...optics”
- Section II Learning Objectives: 4<sup>th</sup> Item—Please strike the word “and” to read “Conduct...fiber”
- Section VI Syllabus:
  - 1<sup>st</sup> Item—Please consider striking the phrase “Operate and characterize” to read “Light emitting diodes”
  - 2<sup>nd</sup> Item—Please consider striking the phrase “Operate and characterize” to read “Semiconductor and/or fiber lasers”
  - 3<sup>rd</sup> Item—Please consider striking the phrase “Operate and characterize” to read “Photodetectors”
  - 4<sup>th</sup> Item—Please consider striking the phrase “Construct a” to read “Simple microscopy system for imaging”
  - 5<sup>th</sup> Item—Please consider striking the phrase “Observe the” to read “Effect of optical interference”
  - 6<sup>th</sup> Item—Please consider striking the phrase “Couple, guide and analyze” to read “Optical signals in fibers”

**Motion passed unanimously.**

#### Revised Minor

**Checksheet:** Minor in Circuits and Electronics (MCEL) (Revised) Effective for students graduating in calendar year 2019 (CM-3184)

Motion was made and seconded to **APPROVE** Minor in Circuits and Electronics (MCEL) (Revised) Effective for students graduating in calendar year 2019 (CM-3184), **with modifications:**

- Circuits and Electronics Electives—Please strike the phrase “21 credits” and add the phrase “total required credits” to read “...balance of total required credits from...courses.”
- Notes—Please consider removing bullets to more clearly identify footnotes/superscript notations

**Motion passed unanimously.**

**College of Liberal Arts and Human Sciences**

Revised Major

**Checksheet:** Bachelor of Arts (BA); Major: History (HIST) (Revised) Effective for students graduating in calendar year 2019 (CM-3551)

Motion was made and seconded to **APPROVE** Bachelor of Arts (BA); Major: History (HIST) (Revised) Effective for students graduating in calendar year 2019 (CM-3551), **with no modifications.**

**Motion passed unanimously.**

Revised Option

**Checksheet:** Bachelor of Arts (BA); Major: History (HIST); Option: Undergraduate Research/Thesis (RSTH) (Revised) Effective for students graduating in calendar year 2019 (CM-3554)

Motion was made and seconded to **APPROVE** Bachelor of Arts (BA); Major: History (HIST); Option: Undergraduate Research/Thesis (RSTH) (Revised) Effective for students graduating in calendar year 2019 (CM-3554), **with no modifications.**

**Motion passed unanimously.**

**College of Science**

**Course:** MATH 1004 Discovering Mathematics I (New) Fall 2017 (CM-3655)

Motion was made and seconded to **APPROVE** MATH 1004 Discovering Mathematics I (New) Fall 2017 (CM-3655), **with modification:**

- Section I Catalog Description: Please add verbiage concerning “Planning a Virginia Tech course of study” to better align Catalog Description with Learning Objectives and Syllabus

**Motion passed unanimously.**

**Course:** MATH 1044 Discovering Mathematics II (New) Spring 2018 (CM-3656)

Motion was made and seconded to **APPROVE** MATH 1044 Discovering Mathematics II (New) Spring 2018 (CM-3656), **with modification:**

- Section I Catalog Description: Please add verbiage concerning “Planning a Virginia Tech course of study” to better align Catalog Description with Learning Objectives and Syllabus

**Motion passed unanimously.**

**Course:** NEUR 3914 Neuroscience of Drug Addiction (New) Fall 2017 (CM-3688)

Motion was made and seconded to **APPROVE** NEUR 3914 Neuroscience of Drug Addiction (New) Fall 2017 (CM-3688), **with no modifications.**

**Motion passed unanimously.**

**Course:** NEUR 4314 Genetics of Neuroscience (New) Fall 2017 (CM-3689)

Motion was made and seconded to **APPROVE** NEUR 4314 Genetics of Neuroscience (New) Fall 2017 (CM-3689), **with modifications:**

- Course Title—Please consider changing the course title to “Genetics in Neuroscience” and making resulting changes to title throughout proposal document (Coversheet, Proposal Header, ADP Title). *Course title change on Resource Letter may be made in pen and ink notation to existing letter.*
- Section II Learning Objectives:
  - 2<sup>nd</sup> Item—Consider rephrasing objective to read “Relate model organisms to neurogenic disorders”
  - 3<sup>rd</sup> Item—Consider replacing the word “Investigate” with the word “Assess” to read “Assess the utility...tools”
- Section V Texts and Special Teaching Aids: Please move Allis text to Required section
- Section VI Syllabus: Please add topical headers to group syllabus topics, to better align Syllabus with Learning Objectives and Catalog Description

A motion was made and seconded to adjourn the meeting at 3:45 p.m.

Respectfully Submitted,

Justin D. Sanders,  
*Office of the University Registrar*