

AUC Curriculum Committee Draft Minutes

Thursday, March 21, 2019 Hammond 314

Attendees: Andrew Chan, Daniel Sarefield, Adem Elveren, Britton Snyder, Franca Barricelli, Pamela McCafferty, Keith Williamson, Cheryl Goldman, Timothy Hilliard, Nirajan Mani, J.J Sylvia, Nermin Bayazit, Sanjay Kaul

Absent: Catherine Buell, William Cortezia, Yasser Djazaerly, Theresa Dzierwinski, Steven Fielder, Margaret Hoey, Tianna McToggart, Shaughn O'Holloran, Sherry Packard, Wafa Unus

Guests: Wayne Whitfield, Abdel Mustrafa, Keith Chenot, Soumitra Basu, Hong Yu, Linda Dupell

Meeting called to order at 3:30 PM

I. Approval of Minutes

Motion to approve minutes of March 7th, 2019 with no amendments: Motion to consider: Pamela McCafferty, second, Daniel Sarefield.

Daniel Sarefield made a motion to contest the March 7th minutes stating the minutes didn't accurately reflect parts of the meeting. Keith Williamson will make the edits and resubmit the minutes. This passed 11-0-0.

Motion to call for vote/work to rule: Britt Snyder, Dan Sarefeld second, 7-0-4

II. New Business

1. AUC #25-New Course Site Planning & Land Development

Sponsor: Nirajan Mani

Motion to consider AUC #25: JJ Sylvia, Second: Keith Williamson

Discussion: None

Friendly amendments (if any): None

8: (from sponsor) Add faculty members: Dr. Abdel Gabar Mustafa, Prof. D. Keith Chenot

9: (from sponsor) Under Required for majors, delete “Civil and Environmental Engineering”, change Applied Science and Technology to Applied Science and Technology/Engineering.

14: (from sponsor) Change “Junior Status” to “ENGT 2XXX Building Construction Systems”

16b: (from sponsor) Change Fall 2019 to Fall 2020

16d: (from sponsor) Change language from “Due to laboratory application and computers” to “Due to classroom demonstration and computers”.

17: (from sponsor) Change to-Engineering Technology students (with Architecture Concentrations) and Applied Science and Technology/Engineering (with Construction Management concentration)

18: (from sponsor) Syllabus, change Prerequisite: to “ENGT 2XXX Building Construction Systems”

Vote to Recommend Approval of AUC #25: 11-0-0

2. AUC #26-New Course Analysis and Design of Structural Systems

Sponsor: Abdel Mustafa

Motion to consider AUC #26: Pamela McCafferty Second: Dan Sarefield

Discussion: None

Friendly amendments (if any): None

8: (from sponsor) Add faculty members: Dr. Nirajan Mani

9: (from sponsor) Change ENGT 3XXX to ENGT 2XXX (Strength of Materials)

9: (from sponsor) Required for majors, delete “Civil and Environmental Engineering”, change Applied Science and Technology to Applied Science and Technology/Engineering.

12: (from sponsor) Remove ENGT from section here.

14: (from sponsor) Change ENGT 3XXX to ENGT 2XXX Strength of Material)

16b: (from sponsor) Fall 2019 to Fall 2020

16d: (from sponsor) Change language from “Due to laboratory application and computers” to “Due to classroom demonstration and computers”.

18: (from sponsor) Syllabus, change Prerequisite Strength of Materials (ENGT 3XXX) to “Strength of Materials (ENGT 2XXX)”

Vote to Recommend Approval of AUC #26: 12-0-0

3. AUC #27-New Course Communication and Transportation Technologies

Sponsor: Wayne Whitfield

Motion to consider AUC #27: Daniel Sarefeld, Second: Nirajan Mani

Discussion: None

Friendly amendments (if any): None

8: (from sponsor) Add faculty members: Dr. Sanjay Kaul

9: (from sponsor) Required for majors, change Applied Science and Technology to Applied Science and Technology/Engineering.

16d: (from sponsor) Change language from “laboratory space limitations” to “Due to classroom demonstration limitations”.

Vote to Recommend Approval of AUC #27: 12-0-0

4. AUC #28-New Course Manufacturing Processes and Systems

Sponsor: Soumitra Basu

Motion to consider AUC #28: Cheryl Goldman, Second: Pamela McCafferty

Discussion: It was suggested that there needs to be more than one faculty member trained for teaching the course in Manufacturing Processes and Systems. This is an advanced class in Manufacturing Technology where one professor is currently trained and able to instruct the class. The response was that currently there are small numbers in the concentration, so this would not be an issue. The concern is if the professor goes on sabbatical or leaves the University, the course would not be covered. The proposed solution would be an adjunct for a specialty course like the proposed class. It was questioned whether the course could be easily taught by an adjunct in the manufacturing sector, and the response was that in this area that would be likely. The professor needs to be trained in Mechanical Engineering. Nipro Industries would be a local company where it was felt there would be appropriate pool of adjuncts. Franca put forward that there is precedent where there are other concentrations with one faculty member. Latin was put out as a current example of this at FSU. There is one Mechanical Engineer currently teaching in the Manufacturing Technology program at FSU.

Friendly amendments (if any): Nirajan Mani put to change 2019 to fall 2020 for the course offering.

8: (from sponsor) Add faculty members:

9: (from sponsor) Fix to be General Physics (PHYS 2300) not (PHYS 2400)

14: (from sponsor) Check off Prerequisites box. Change PHYS 2400 to PHYS 2300.

16d: (from sponsor) change “laboratory application” to “demonstration space”

Vote to Recommend Approval of AUC #28: 12-0-0

5. AUC #29-New Course Device Interface Design

Sponsor: Hong Yu

Motion to consider AUC #29: Cheryl Goldman , Second: Nermin Bayazit

Discussion: Currently Hong Yu is the full time faculty member teaching this course with one adjunct.

Friendly amendments (if any): None

Vote to Recommend Approval of AUC #29: 12-0-0

6. AUC #30-New Course MEP & HVAC

Sponsor: Wayne Whitfield

Motion to consider AUC #30: Nirajan Mani, Second: Daniel Sarefield

Discussion: Line item 16b, change this to Fall 2020,

Friendly amendments (if any):

8: (from sponsor) Add faculty members: Dr. Soumitra Basu, Dr. Sanjay Kaul

9: (from sponsor) Required for majors, change Applied Science and Technology to Applied Science and Technology/Engineering.

Vote to Recommend Approval of AUC #30: 12-0-0

7. AUC #31-New Course Control Theory

Sponsor: Hong Yu

Motion to consider AUC #31: Pamela McCafferty, Second: Nermin Bayazit

Discussion: None

Friendly amendments (if any): 16b, change this to fall 2020. Change the current grading scale to match the University Grading Scale.

8: (from sponsor) Add faculty members:

12: (from sponsor) Remove ENGT from section here.

Vote to Recommend Approval of AUC #31: 12-0-0

8. AUC #32-New Course: Robotics and Mechatronics

Sponsor: Soumitra Basu

Motion to consider AUC #32: JJ Sylvia, Second: Cheryl Goldman

Discussion: It was asked what made Robotics and Mechatronics a four-credit course by Cheryl Goldman. Kinematics is taught often as a separate course. The rationale was that kinematics was covered along with other topics along with supervision needed and more faculty member oversight which puts Robotics and Mechatronics to a four-credit course.

Friendly amendments (if any):

16d: (from sponsor) Capacity: 18, Rationale: Due to classroom demonstration and computer stations.

Vote to Recommend Approval of AUC #32: 12-0-0

9. AUC #33-New Course OSHA: Safety and Risk Management

Sponsor: James Alicata

Motion to consider AUC #33: Daniel Sarefield, Second: Adem Elveren

Discussion: None

Friendly amendments (if any): None

9: (from sponsor) In course level justification, change Applied Science and Technology to Applied Science and Technology/Engineering.

9: (from sponsor) Required for majors, change Applied Science and Technology to Applied Science and Technology/Engineering.

12: (from sponsor) Remove ENGT from section here.

16b: (from sponsor) Change to Fall 2020.

16d: (from sponsor) Change to “due to demonstration space and discussion” (remove laboratory language)

Vote to Recommend Approval of AUC #33: 12-0-0

10. AUC #34-New Course Advanced Digital Electronics

Sponsor: Hong Yu

Motion to consider AUC #34: Pamela McCafferty, Second: Daniel Sarefield

Discussion: None

Friendly amendments (if any): Change the syllabus to reflect the same as the University standard for grading scale.

12: (from sponsor) Remove ENGT from section here.

16b: (from sponsor) change to Fall 2020

Vote to Recommend Approval of AUC #34: 12-0-0

11. AUC #35-Architectural Design

Sponsor: Keith Chenot

Motion to consider AUC #35: Nirajan Mani, Second: Adem Elveren

Discussion: None

Friendly amendments (if any): None

14: (from sponsor) Prerequisites: Change ITEC 3XXX to ENGT 3XXX

16b: (from sponsor) change to Fall 2020

Vote to Recommend Approval of AUC #35: 12-0-0

12. AUC #36-New Course Engineering Technology Capstone

Sponsor: Keith Chenot

Motion to consider AUC #36: Keith Williamson, Second: Daniel Sarefield

Discussion: None

Friendly amendments (if any): In the current on-line version, the second sentence should say “explore” instead of “exploring”.

8: (from sponsor) Hong Yu, not Hon Yu.

16b: (from sponsor) Spring 2019 to Spring 2020

Vote to Recommend Approval of AUC #36: 12-0-0

13. AUC #37-New Course Enterprise Resource Planning Systems-UPDATED VERSION ON AUC

Sponsor: Soumitra Basu

Motion to consider AUC #37: ,Daniel Sarefield Second: Adem Elveren

Discussion: Andrew Chan asked why they require Macro Economics in the course. The answer was that for the course, the faculty teaching feel that an understanding of Macro Economics is currently something that is really needed.

Friendly amendments (if any): None

16d: (from sponsor) change to “Due to classroom demonstration and computer stations”

Vote to Recommend Approval of AUC #37: 12-0-0

14. AUC #38-New Course Microprocessor & Microcontroller Embedded Systems

Sponsor: Hong Yu

Motion to consider AUC #38: Daniel Sarefield, Second: Nirajan Mani

Discussion: Andrew Chan asked the difference between the CS course and this course teaching a similar topic. The answer was that similar subject is discussed in this course, but this is more of a focus on the process.

Friendly amendments (if any):

12: (from sponsor) Remove ENGT from section here.

Vote to Recommend Approval of AUC #38: 12-0-0

15. Adjourned at 4:30

Minutes respectfully submitted by Britton Snyder