

# Institute Undergraduate Curriculum Committee

**Academic Faculty Senate**

**Tuesday, February 14, 2017**

**3:00-5:00 PM**

**Student Center Theatre**

# Action Items, Minutes

- Presented by:
  - Dr. Rhett Mayor, ME, Chair
- Action Items
- Minutes for Approval

# Action Items from the December 13, 2016 Minutes

## *School of Biological Sciences*

- New Course
  - BIOL 4744: Microbial Symbiosis & Microbiomes 3-0-3

## *School of Modern Languages*

- Add Attribute, Ethics, to Existing Course
  - FREN 4250: Reading Les Miserable 3-0-3

## *Department of Naval Sciences*

- Add Attribute, Ethics, to Existing Course
  - NS 4332: Leadership and Ethics 3-0-3

## *Clarification:*

- Regarding the Ethics attribute, it is up to each individual unit to determine if a course listed in the Catalog under “Ethics” should satisfy the requirement for that program.

## *Vertically Integrated Program*

- New Subject Code = VIP

# Action Items from the January 24, 2017 Minutes

## *School of Industrial Design*

- New Courses
  - ID 2101: Digital Design Methods, 3-0-3
  - ID 2102: 3D Modeling, 2-0-2
  - ID 2325: User Centered Design Methods, 3-0-3
  - ID 2510: Introduction to Smart Product Design, 3-0-3

## *School of Electrical and Computer Engineering*

- Posthumous degree (student had applied to graduate in Spring, had a very strong academic record, and was on track to graduate May, 2017)

# Action Items from the February 7, 2017 Minutes

## *Department of Naval Sciences*

- New Course
  - NS 4333: Fundamentals of Maneuver Warfare 3-0-3
- Deactivate Course
  - NS 4323: Amphibious Warfare

## *School of Literature, Media, and Communication*

- New Courses
  - ENGL 0989: Foundations for English Composition 3-0-3
  - ENGL 0999: Support for English Composition 3-0-3
- These courses are mandated by the Board of Regents as part of the required programming for Learning Support.

## *School of Civil and Environmental Engineering*

- New Courses
  - CEE 4000: Global Engineering Leadership 3-0-3
  - CEE 4050: Infrastructure System Management 3-0-3
  - CEE 4450: Introduction to Petroleum Geomechanics 3-0-3

# Action Items from the February 7, 2017 Minutes

## *School of Civil and Environmental Engineering*

- Degree Modification
  - Bachelor of Science in Civil Engineering
    - After CEE faculty review of current curriculum, changes were recommended by the faculty and CEE undergraduate curriculum committee. This request includes:
      - removing CHBE 2110 (no longer offered at Tech) and replace with CHBE 2130
      - modify current undergraduate program requirement notes for Technical Electives
      - remove any ambiguity from notes:

Any 3000-level or higher CEE course, with the exception of [CEE 4801](#), [CEE 8811](#), and [CEE 8812](#). Maximum of 3 credit hours [CEE 4699](#) or [CEE 4900](#). **Only one** non-CEE courses allowed: [COA 4010](#), [CP 4010](#), [CP 4020](#), [CP 4310](#), or [CP 4510](#).

# Action Items from the February 7, 2017 Minutes

## *School of Civil and Environmental Engineering*

- Degree Modification
  - Bachelor of Science in Civil Environmental Engineering
    - After CEE faculty review of current curriculum, changes were recommended by the faculty and CEE undergraduate curriculum committee. This request includes:
      - removing CHBE 2110 (no longer offered at Tech) and replace with CHBE 2130
      - **Technical Electives** Focus may be chosen from the following list:  
BIOL 2335, BIOL 3380, BMED 3400, BMED 4757, BMED 4758, CEE 3010, CEE 4100, CEE 4210, CEE 4225, CEE 4230, CEE 4300, CEE 4310, CEE 4320, CEE 4330, CEE 4340, CEE 4350, CEE 4405, CEE 4420, CEE 4600, CEE 4620, CEE 4795, CHBE 3200, CHEM 3281, CHEM 3511, CHEM 4740, CP 4210, CP 4510, EAS 4110, EAS 4300, EAS 4410, EAS 4420, EAS 4430, EAS 4480, EAS 4610, EAS 4625, EAS 4740, ECE 3710, ECE 3741, ME 4171, ME 4172 or ME 4782.  
A maximum of 3 credit hours of CEE 4699 or CEE 4900.

# Action Items from the February 7, 2017 Minutes

## *Center for Serve-Learn-Sustain*

- New Subject Code = SLS (Serve, Learn, Sustain)
  - In January 2016 Georgia Tech embarked on its most recent Quality Enhancement Plan (QEP) required as part of SACSCOC accreditation. The previous QEP focused on undergraduate research and international experience, and led, among other things, to the creation of the International Plan degree designation. The new QEP has the theme “creating sustainable communities” and runs out of the Center for Serve Learn Sustain (SLS) within the Office of Undergraduate Education.
  - The two pilot courses do not fit naturally into any single (or even two) disciplines at Georgia Tech, thus traditional subject code labeling or cross--labeling is problematic. For example, the Communities course was developed and taught by a team from Computer Science, Interactive Computing, Mechanical Engineering/College of Design, Public Policy and Architecture, thus representing 4 of 6 Georgia Tech colleges.
  - Why not use the GT subject code? The GT subject code is largely associated with courses that support student transition into Georgia Tech, GT 1000 being the most widely known instance. The SLS courses are not of this type.
  - A faculty committee will be established within the Center for SLS to evaluate courses that request the SLS label, as a step prior to consideration by the Provost’s Curriculum Committee and then the IUCC.
  - We anticipate that courses seeking the SLS subject code will typically span more than two disciplinary units and that they will provide evidence via syllabus of content in both sustainability and communities.
  - Are there comparable educational courses and programs elsewhere? Arizona State University is a leader in sustainability education.



# Action Items and Minutes

- Move to approve all action items.
- Move to approve Minutes from:
  - November 29, 2016 (Petitions)
  - December 13, 2016
  - January 10, 2017 (Petitions)
  - January 24, 2017 (Academic Matters)
  - February 7, 2017 (Academic Matters)