Academic Policies and Procedures Committees
PROPOSAL FORM -- Part A

○ Graduate AP&P ○ Undergraduate AP&P ◉ Both (Dual-Listed Courses) Submit simultaneously	Department/Program Proposal # GU_FAA_STBE_2018_06 Proposed Effective Date: FALL (year) 2019

College/Unit F&A Assoc. Dean Garner Dewey Proposer(s) DJ Miller and JA Russell

Department/Program STBE/Building Science Chair Brian Raichle

1. I want to: Change (Complete Part A) Course Briefly describe the action(s) requested:

In the Undergraduate and Graduate Bulletin, change the course description for TEC 4618/TEC 4618 - Sustainable Building Design and Construction.

2. Rationale for this request:

-The course description update reflects changes made to improve program assessment.

3. a. List the current catalog copy (attach separate sheet if more space needed.)

See attached.

b. List the proposed catalog copy (attach separate sheet if more space needed.)

See attached.

c. Other REQUIRED attachments: see ***General Instructions***

4. List the committees, councils, and other groups that have considered this proposal; the action taken; and the date that action was taken.

Area	Action			Date of Action m/d/yyyy
	approved	not approved	not applicable	
Department/Program Faculty (undergraduate)	☑	☐	☐	11/13/2018
Department Graduate Faculty (graduate)	☑	☐	☐	11/13/2018
College Council(s)	☑	☐	☐	12/13/18
General Education Council	☐	☐	☑	
Council on Professional Education	☐	☐	☑	
Honors Council	☐	☐	☑	
Undergraduate Academic Policies & Procedures Committee	☐	☐	☐	2/6/19
Graduate Academic Policies & Procedures Committee	☐	☐	☐	2/18/19

5. Contact the Registrar's Office and (if applicable) Graduate School

Area	Person Contacted Includng Title	Response	Date of Response m/d/yyyy
Registrar's Office	Eric Berry	positive	11/19/18
Graduate School			

6. a. Please search the current online bulletin for courses and programs of study affected by this proposed change, including any in your own department. List each course and program in the appropriate table below or, if applicable, choose none. Attach a separate spreadsheet if necessary. (Click here for instructions on searching Online Bulletin.)

Course(s) Affected (number & title)
None ☒

Program(s) Of Study Affected (program code & title)
None ☐
571A Sustainable Technology
577*/577B Building Sciences
577*/577C Building Sciences
577*/577D Building Sciences
Appropriate Technology (MS_599B)
Renewable Energy Engineering (MS_599F)
Sustainable Bld DEsign & Const (MS_599H)

b. List all affected department chairs/program directors, including those from 6a as well as those whose programs may be impacted in ways other than listed above, who have been consulted in the development of this proposal and their response in support or opposition to the proposal.

Name	Department/Program	Response	Date of Response m/d/yyyy
Jeremy Ferrell	STBE/ST	APPROVED	11/13/2018

7. Is this a cross-listed course in another department? yes ○ no ◉ n/a ○ *(If yes, list the cross-listed courses:)*

8. Is this a General Education course? yes ○ no ◉ n/a ○ *(If requesting new general education credit, attach a syllabus and submit Part C of the AP&P proposal form to the Office of General Education)*

9. Distance Education:
   a. Does this proposal affect a course or requirement of a Distance Education program? yes ○ no ◉ If yes, has Distance Education been consulted? yes ○ no ○ *If yes, list the **date**(s), **Distance Ed** contact person, and their **response** in support or opposition to this proposal:*

   b. Mode of delivery: fully online ○ site-based ○
   If you are not sure, contact the Office of Distance Education.

10. Schedule Type for new courses: Select the appropriate Schedule Type

Current

TEC 4618 - Sustainable Building Design and Construction (3)

When Offered: Fall; Spring
This course introduces students to the concepts and best practices related to sustainable building design and construction. Course topics include green building certification programs, sustainable building design software, high performance construction practices, resource efficient material selection, sustainable site planning, water efficiency, indoor air quality, and passive solar design. The course also explores a variety of unconventional building techniques and building materials such as straw bale, adobe, cob, and geodesics. Other topics discussed include sustainable community design, low impact development, composting, recycling, and grey water systems.
Prerequisites: **TEC 3748**.
[Dual-listed with TEC 5618.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

TEC 5618 - Sustainable Building Design and Construction (3)

When Offered: Fall, Spring
This course introduces students to the concepts and best practices related to sustainable building design and construction. Course topics include green building certification programs, sustainable building design software, high performance construction practices, resource efficient material selection, sustainable site planning, water efficiency, indoor air quality, and passive solar design. The course also explores a variety of unconventional building techniques and building materials such as straw bale, adobe, cob, and geodesics. Other topics discussed include sustainable community design, low impact development, composting, recycling, and grey water systems.
[Dual-listed with TEC 4618.]

Proposed

TEC 4618 - Sustainable Building Design and Construction (3)

When Offered: Fall; Spring
This course emphasizes concepts and best practices related to sustainable building design and construction. Provides exposure to green building certification programs, high performance construction assemblies, resource efficient material selection, sustainable site planning, water efficiency, energy efficiency, indoor environmental quality, building commissioning, and facility operations. Reinforces application of passive design strategies and analysis of sustainable construction practices.

Prerequisites: **TEC 3748**.
[Dual-listed with TEC 5618.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

TEC 5618 - Sustainable Building Design and Construction (3)

When Offered: Fall, Spring
This course emphasizes concepts and best practices related to sustainable building design and construction. Provides exposure to green building certification programs, high performance construction assemblies, resource efficient material selection, sustainable site planning, water efficiency, energy efficiency, indoor environmental quality, building commissioning, and facility operations. Reinforces application of passive design strategies and analysis of sustainable construction practices.
[Dual-listed with TEC 4618.]