SBST325 - Sustainable Building Science Technology Internsh

Document Type: District Master Course Outline
Proposal Type: New Course
Requester(s): David Krull Lauren Hadley
College: South
Origination Approved: 02/27/2014 - 1:48 PM

BASIC INFORMATION

Requester(s): David Krull
Lauren Hadley
College: South Seattle Community College
Division/Dept: Professional Technical
Dean: Holly Moore

COURSE INFORMATION

Proposed Course Number:
Prefix: **SBST** Number: **325**

☐ Request a new Prefix
☐ This will be a common course

Full Title: Sustainable Building Science Technology Internsh

Abbreviated Title: SBST Internship

Catalog Course Description:
The Sustainable Building Science Technology Internship provides students with the opportunity to observe, reflect and practice sustainable building science technology techniques in a technical, post-secondary environment. Each student will find a building science placement in their field of interest and work with a site supervisor to develop and deliver relevant curriculum. The student's site supervisor and college faculty advisor will evaluate the internship.

Course Length: 11 Weeks ☐ Request an Exception

Course Prerequisite(s):
Student must be enrolled in the BAS Sustainable Building Science Technology program or have instructor approval.

Topical Outline:

1. Work with South Seattle Community College Career Center staff and BAS Sustainable Building Science Technology faculty/staff to identify an appropriate internship site
2. Clarify career and educational goals
3. Attend seminars as required by internship site personnel
4. Develop good work habits
5. Provide 300 (in Classroom) hours of approved and documented internship experience

COURSE CODING

Funding Source: 1.....State

Institutional Intent: 21.....Vocational Preparatory

This Course is a requirement for the following program(s):

(No Programs Selected)

☑ My Course Proposal is a requirement for a program not on this list

Program Title/Description/Notes:

BAS Sustainable Building Science Technology program

Will this course transfer to a 4-year university? **No**

Is this course designed for Limited English Proficiency? **No**

Is this course designed for Academic Disadvantaged? **No**

Does this course have a Workplace Training component? **Yes**

CIP Code: 03.0198 ☐ Request Specific CIP Code

EPC Code: 177 ☐ Request Specific EPC Code

Credits:

Will this course be offered as Variable Credit? **Yes**

List Course Contact Hours

Lecture (11 Contact Hours : 1 Credit)	0 to 0
Lab (22 Contact Hours : 1 Credit)	0 to 0
Clinical Work (33 Contact Hours : 1 Credit)	0 to 0
Other (55 Contact Hours : 1 Credit)	55 to 550
Total Contact Hours	55 to 550
Total Credits	1 to 10

COLLEGE SUPPLEMENTAL

Proposed Quarter of Implementation: Fall 2014 ☐ Request Provisional Exception

Class Capacity: 25

Modes of Delivery: (Check all that apply)

- ☐ Fully On Campus
- ☐ Fully Online
- ☑ Hybrid
- ☑ Other Explanation: Work site Internship

Class Schedule Description:

The Sustainable Building Science Technology Internship provides students with the opportunity to observe, reflect and practice sustainable building science technology techniques in a technical, post-secondary environment. Each student will find a building science placement in their field of interest and work with a site supervisor to develop and deliver relevant curriculum. The student's site supervisor and college faculty advisor will evaluate the internship.

Student Learning Outcomes:

Communication

Read and listen actively to learn and communicate

Speak and write effectively for academic, and career purposes

Human Relations

Use social interactive skills to work in groups effectively

Have knowledge of the diverse cultures represented in our multicultural society

Critical Thinking and Problem-Solving

Think critically in evaluating information, solving problems, and making decisions

Technology

Select and use appropriate technological tools for academic, and career tasks

Personal Responsibility

Uphold the highest standard of academic honesty and integrity

Respect the rights of others in the classroom, online and in all other school activities

Attend class regularly, complete assignments on time and effectively participate in classroom and online discussions, group work and other class-related projects and activities

Abide by appropriate safety rules in laboratories, shops and classroom

Information Literacy

Independently access, evaluate and select information from a variety of appropriate sources

Have knowledge about legal and ethical issues related to the use of information

Use information effectively and ethically for a specific purpose

Program Outcomes:

At the end of the course the student will:

1. Apply those theories, concepts and skills acquired in the classroom in an actual work environment
2. Interact effectively with individuals and groups

3. Learn work related success strategies
4. Adapt to work place practices and exhibit appropriate professional comportment, including attitude and appearance.
5. Develop specific goals and four types of learning objectives:

a. Career orientation objectives
b. Skills application and development objectives
c. Human relations objectives
d. Critical thinking and problem solving objectives

Course Outcomes / Objectives:

At the end of the course the student will:

1. Apply those theories, concepts and skills acquired in the classroom in an actual work environment
2. Interact effectively with individuals and groups
3. Learn work related success strategies
4. Adapt to work place practices and exhibit appropriate professional comportment, including attitude and appearance.
5. Develop specific goals and four types of learning objectives:

a. Career orientation objectives
b. Skills application and development objectives
c. Human relations objectives
d. Critical thinking and problem solving objectives

Explain the student demand for the course and potential enrollment:

Course required for BAS Sustainable Building Science Technology program. All students will be enrolling in the course as a cohort. Course to be offered one time per academic year.

Explain why this course is being created:

- Employer demand
- Student demand
- Options for place-bound students

The SBST BAS degree program will address a critical gap in the current education system that has developed as this industry has evolved over the past five to 10 years. Traditional engineering, construction and architectural studies focus on the design of new buildings, rather than the complex and sophisticated systems that enable newly designed and retrofitted buildings to function. Individuals previously trained as facility managers do not have the level of expertise or systems knowledge to support these highly technical operations. Therefore, businesses are hiring engineers and spending months and even years retraining them to work in this capacity. Frequently these individuals do not want this type of work and leave when other more suitable opportunities present themselves. Individuals who choose to pursue a degree in the field of Sustainable Building Science Technology will not only have the specialized skills they need; they will be more stable employees.

This is to certify that the above criteria have all been met and all statements are accurate to the best of my knowledge.

Faculty involved in originating this program:

David Krull	*David Krull*	1/1/0001
Print Name	**Signature**	**Date**
Lauren Hadley	*Lauren Hadley*	1/1/0001
Print Name	**Signature**	**Date**

Dean:

Holly Moore	*Holly Moore*	11/25/2013
Print Name	**Signature**	**Date**

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- [ ] Recommended for approval
- [ ] Not recommended for approval
- [x] This course has not yet reached Committee Review

Chairman, Curriculum Coordinating Council:

Print Name	**Signature**	**Date**

Vice President for Instruction:

Gary L Oertli	*Gary L Oertli*	2/27/2014
Print Name	**Signature**	**Date**