



Occupational Safety, Health, and Environment (OSH&E) Program  
Department of Industrial and Engineering Technology  
Southeastern Louisiana University  
SLU 10847  
Hammond, LA 70402

December 6, 2018

Dear OSH&E Advisory Committee Member,

On behalf of Southeastern Occupational Safety, Health, and Environment (OSH&E) Program, we would like to give our sincere appreciation to you for your involvement in the OSH&E Advisory Committee as well as your participation in the meetings and discussion.

Enclosed please find the report of the OSH&E Advisory Committee meeting that was held on October 26, 2018. Please feel free to let us know should you have any questions and comments!

It is a great honor and pleasure to invite you to our next semi-annual meeting, which is tentatively scheduled in April 2019. A formal invitation will be sent to you when the meeting date and venue are confirmed.

Thank you very much for your continued contribution to the program!

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lu Yuan', is written above a horizontal line.

Dr. Lu Yuan, CSP  
Professor & Undergraduate Coordinator

A handwritten signature in blue ink, appearing to read 'Lance Roux', is written above a horizontal line.

Mr. Lance Roux, CSP  
OSH&E AC Chairperson

**OSH&E Advisory Committee**  
**October 26, 2018 Meeting Report by Mr. Chris Kuiper,**  
**Dr. Priyadarshini Dasgupta and Dr. Lu Yuan**

The last Occupational Safety, Health, and Environment (OSH&E) Advisory Committee meeting was held from 8:00 AM to 1:00 PM on October 26, 2018 at the Student Union Ballroom in Hammond. (Please see the attached sample photos!) This meeting was part of the IET Department Advisory Committee Annual Meeting. The attendees include sixteen of the twenty-three OSH&E Advisory Committee members (**Appendix A** with update-to-date contact information). Five OSH&E full-time faculty members were present, including: Dr. Lu Yuan, Dr. Ephraim Massawe, Mr. Chris Kuiper, Dr. Priyadarshini Dasgupta, and Mr. Lawrence Mauerman. One OSH&E student, William Janin IV, was present. Special guest included: Jason Domangue. Absent were Beth Inbau, Alan Rovira, David Noland, Buddy Mincey Jr., Chris Newton, Eric Miller, and Bill Cowser.

**Appendix B** lists the agenda of the overall meeting. The meeting was called to order by Dr. Saadeh at 8:40 am. Approximately 70 people participated in the event.

Dr. Dan McCarthy, Dean of College of Science and Technology, thanked the IET Department Advisory Committee members for their contributions. Dr. Mohammad Saadeh shared the department updates. Mr. Jerome Mabile, Chair of IET Advisory Committee Executive Leadership Board and Corporate QC Director of Performance Contractors, shared his experience of serving on the IET Advisory Committee.

*At that time the committee broke out into groups by degrees.*

The agenda for the OSH&E Advisory Committee meeting is attached in **Appendix C**. Mr. Lance Roux, OSH&E Advisory Committee Chairperson, welcomed the committee members and explained the importance of the advisory committee meeting. Mr. Roux noted that the Southeastern OSH&E program is one of the four EHS and related programs in the U.S. that are ABET accredited. Next, members introduced themselves.

## **OLD BUSINESS**

Dr. Yuan provided a review of the OSH&E ABET Reaccreditation Interim Report. Lu noted that the reaccreditation process is on a six-year cycle, with the initial review done in 2010. In 2016 the program underwent a partially virtual visit when only the Team Chair was on site. Key items raised in the visit included: 1) Internship class timeline and the number of OSHE major courses completed; 2) lack of sufficient faculty with terminal degrees in the program; and, 3) lack of an organized program to oversee the use/maintenance of laboratory and equipment.

In response, Dr. Yuan indicated that the following information was provided in the interim report that was submitted on June 21, 2018:

- We changed the OSHE 391 Internship course description by adding the following:  
“OSHE 391 must be taken in the last semester of the study, or after most if not all of the

OSHE major courses have been completed.” The change was approved by the University Curriculum Council and became effective starting June 1, 2018. It appeared in the 2018-2019 University Catalogue, [http://www.southeastern.edu/admin/rec\\_reg/university\\_catalogue/assets/2018\\_2019\\_catalogue.pdf](http://www.southeastern.edu/admin/rec_reg/university_catalogue/assets/2018_2019_catalogue.pdf) (page 595).

- Dr. Priyadarshini Dasgupta started as a tenure-track Assistant Professor for the OSH&E program in Spring 2018. Appendix A contains her employment verification letter as well as the letter regarding Southeastern’s New Faculty Orientation.
- The equipment, especially those newly purchased pieces, have been made readily accessible to the OSH&E students. Appendix B contains a report of examples of students’ access to Industrial Hygiene equipment. The department has provided reassigned time for one faculty member to maintain the equipment, with the intention that after the entire department has moved into the new building that we would hire a permanent and dedicated Lab Coordinator. In the meantime, in order to specifically assist with the OSH&E equipment, a student worker was hired to assist with the faculty member who received reassigned time to maintain the equipment in Spring 2018. The request for hiring a lab coordinator was submitted in May 2018 for the 2018-2019 fiscal year.

Some Advisory Committee members asked whether students could be used to provide the support on managing the lab; however, Dr. Yuan was not sure if student workers would meet the ABET qualification criteria. Another suggestion was to ask MSA and Industrial Scientific to provide no- or low- cost equipment calibration and maintenance support.

At the time when the meeting was held on Oct.26, 2018, the OSH&E program has not received the draft statement from the ABET reviewer. However, we received the statement on Nov.14 that all of the issues have been resolved.

Next, the meeting attendees discussed the review of the OSHE course syllabi. The course examination request letter, instructions, and all OSHE course syllabi were sent to all committee members on September 26, 2018. Members were asked to present their findings at this meeting or send them to us before the meeting if they could not attend. The following is a summary of findings as well as discussions at the meeting:

- OSHE 111: The reviewer had no comments. They would like to see course content and class materials.
- OSHE 112: The reviewer provided positive review in the written comments that were sent to us. It was noted that the course textbook is changing.
- OSHE 121: The reviewers were not present at the meeting.
- OSHE 141: The reviewers indicated that there was not much on ventilation or non-ionizing radiation.
- OSHE 231: The reviewer questioned whether the objectives and course outline may have gaps, but stated that overall the course looked good. The member also indicated it was possible that the gaps were being addressed in class material and not in the syllabus. The OSH&E faculty affirmed this is a survey course and there are several higher-level classes that expand from this course and address specific laws and regulations.



- OSHE 242: Both reviewers were absent. Mr. Glenn Young added that he did not see any issues with the class. Dr. Dasgupta affirmed that a new textbook is being adopted.
- OSHE 251: Both reviewers found that overall materials looked good. One of them suggested that technical writing and reporting should be strengthened.
- OSHE 261: One of the reviewers stated that the course project description is nebulous and lacks sufficient detail, and there is a need to look for a new textbook. It was noted that a new book entitled Fundamentals of Fire Protection of the Safety Professional is available. Faculty will review the book for applicability.
- OSHE 311: The reviewer stated that the objectives clearly meet the syllabus. A question was raised on whether the course project should be individual or group. It was explained that each student receives a specific assignment that becomes part of a larger HSE Management System document provided to a client in this Real-World-Ready class.
- OSHE 322: The reviewer sent the following comments to us and also shared them at the meeting. The reviewer also suggested adding Human Reliability to the course materials. Dr. Yuan explained that a new OSHE Professional Elective on Human and Organizational Performance is currently being developed.
  - The course primarily focuses on the concept of Behavior Based Safety. It should be expanded to include Human and Organizational Performance (HOP).
  - Either locate a different textbook or supplement course material to include articles on Human and Organizational Performance.
  - Review and evaluate the results of the Mercer Study in terms of identifying potential areas for serious injury or fatalities (SIF) and addressing those areas when making recommendations on developing lists of critical behaviors.
- OSHE 323: The reviewer stated that the course textbook is old. Faculty will check options for newer textbook.
- OSHE 341: The reviewer stated that the welding shop is a good place to gain hands-on experience. The textbook is too large and the reviewer mentioned that an NSC book might be a better selection. Consider supporting Certified Associate Industrial Hygienist and Qualified Environmental Professional level education which would likely require more classes. Dr. Massawe discussed making the class a 4 hour (3 lecture and 1 lab). Adding Health and Environment to more course titles is probably appropriate.
- OSHE 381: The reviewer suggested that higher levels of objectives based on Bloom's Taxonomy should be used to achieve results as stated in the course objectives.
- OSHE 382: The reviewer found the syllabus all encompassing. She stated that personal liability and incident investigation should be included. Reviewer asked if Project Management is being taught in any course and affirmed that this is a needed instruction.
- OSHE 421: The reviewer suggested to expand and reword the objectives. It was also suggested that the course should include near-miss and PSM incident investigation.
- OSHE 424: The reviewer stated that the objectives lacked synthesis and did not include any software applications.
- OSHE 441: The objectives match the outline but the fourth objective needs improvement according to the reviewer. Guidance for the term paper is good. As this is an elective the reviewer asked whether this could be an online course. The faculty will review the question.

- OSHE 442: The course objectives lacked synthesis. The textbook is published in 2003 which seems too old. The reviewer recommended to increase the level of objectives based on Bloom's Taxonomy and provided proposed objectives for faculty consideration.
- OSHE 451: The reviewers provided the following comments in writing in advance of the meeting.
  - Ensure that SDS are included in the Hazcom section.
  - Suggest including a DOT classification example/exercise in the Transportation section.
  - Suggest that "Other Useful Resources" be more specific to what will be used.
  - Ensure that the course is addressing current regulations as there have been some changes in Hazardous Waste Manifests paperwork/electronic forms.
  - Consider adding a current copy of the NIOSH Pocket Guide for Hazardous Materials. Have students obtain the Mobile Web App or electronically download the most recent copy.
- OSHE 452: The objectives match the outline according to the reviewer. A recommendation to include the latest control technologies and their application in industry should be included in the course.
- OSHE 471: The reviewer found the course syllabus comprehensive and suggested the insurance of skills and knowledge verification after the training. It was also suggested that the course should reinforce adult learning techniques.

During the mini break between the discussions, Mr. Dan Flinta of BCSP suggested evaluating whether IH equipment could be rented rather than purchased to ensure it is up-to-date. He also relayed a recent demonstration he saw with using a drone to heat sense people in fires.

## **NEW BUSINESS**

Due to the time that was needed for the discussions of the OSHE course syllabus review, Dr. Yuan tabled all new business matters until the next meeting. Meeting was adjourned at noon. Members and guests returned to the main room for lunch and more networking.











## Appendix A OSH&E Advisory Committee

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## Appendix B



Department of  
Industrial &  
Engineering Technology

### **ADVISORY COMMITTEE MEETING – OCTOBER 26, 2018**

*Department of Industrial and Engineering Technology*

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#### ***PROGRAM SCHEDULE:***

- 8:00 am - 8:30 am      Coffee Social/Networking, New Student Union, Large Ballroom (3<sup>rd</sup> Floor)
- 8:30 am - 9:00 am      Opening Remarks
- Dr. Dan McCarthy, Dean of College of Science and Technology
  - Ms. Lynn Horgan, Director of Individual, Corporate and Foundation Relations
  - Mr. Jerome Mabile, Chair of IET Advisory Committee Executive Leadership Board, Corporate QC Director, Performance Contractors Inc.
- 9:00 am - 12:00 pm      Break-out Sessions
- In Ballrooms A, B, and C
- 12:00 pm - 12:10 pm      Brief Summary by Executive Leadership Board and Sessions Facilitators in Large Ballroom
- Industrial Technology
  - Occupational Safety, Health & Environment
  - Engineering Technology
- 12:10 pm – 1:00 pm      Lunch
- In Large Ballroom

#### ***LOCATION:***

War Memorial Student Union, 3<sup>rd</sup> floor

Bldg. # 25A on [http://www.southeastern.edu/map/assets/campus\\_map.pdf](http://www.southeastern.edu/map/assets/campus_map.pdf)

**OSH&E Advisory Committee**

**Semi-Annual Meeting Agenda**

October 26, 2018

<u>Time</u>	<u>Issues</u>	<u>Actions</u>
9:00 - 9:15 am	Welcome & Introduction (By Mr. Lance Roux)	
9:15 - 10:30 am	Old Business	
	1. ABET Reaccreditation Interim Report (By Dr. Lu Yuan)	
	2. OSHE Syllabus Examination Fall 2018 (By All)	
10:30 - 10:45 am	Break	
10:45 - 11:50 am	New Business	
	1. BCSP \$5000 Scholarship (By Dr. Lu Yuan)	
	2. OSH&E Alumni Survey Fall 2018 (By Dr. Lu Yuan)	
	3. OSH&E MS Program (By All)	
11:50 - 12:00 pm	Portrait & Group Picture	
12:00 pm	Luncheon	