

**OSH&E Advisory Committee**

**Semi-Annual Meeting Agenda**

October 25, 2019

<u>Time</u>	<u>Issues</u>	<u>Actions</u>
8:30 – 8:55 am	IET Introduction (Ball Room)	
9:00 - 9:15 am	Welcome & Introduction (By Mr. Lance Roux)	
9:15 - 10:30 am	Old Business	
	1. ABET ANSAC Criteria Change (By All)	
	2. OSH&E MS Program (By All)	
10:30 - 10:40 am	Break	
10:40 - 11:55 am	New Business	
	1. OSH&E Lab Fee (By Dr. Ephraim Massawe)	
	2. OSHE RWR Experiences (By All)	
	3. OSH&E Research (By All)	
12:00 pm	Luncheon	
12:20 – 12:40 pm	Breakout Sessions Briefings (Ball Room)	
12:45 pm	Portraits and Group Picture	

26<sup>th</sup> October, Advisory Board Meeting

Mr. Lance Roux first started with the purpose of the committee. He made it clear that committee members are people who are representatives of government, faculty, industry and students. By their feedback in the committee meetings, we incorporate or modify curriculum and features in our program and thus the needs of the employer are made. Thus Mr. Roux focused on the objective of the program.

Lu Yuan: Process from ABET, all of the accreditation need to have their program aligned with our program. We have 20+ outcomes and we want to reduce the number of program outcomes. Lu shows the existing outcomes – and discusses the focus area of each specific outcomes.

Suggestion: We can combine some of the outcomes. Example:

.....students will be able to demonstrate knowledge of legal aspects of safety, health and environment practices.

.....students will be able to demonstrate knowledge of the application of laws, regulations, standards, codes to safety, health and environmental conditions.

We can merge these two outcomes to one.

Question: Does deleting the outcomes change the program in a way?

Lu Yuan: No, many program use only 6, as mentioned by ABET. We do more than that. We can merge different outcomes together.

Lawrence Mauerman: We are developing a virtual plant, what students can use as a chemical plant, we named it as southeastern surfactants. They are developing the drawings, flow charts and they have been assigned to analyses existing of the operations and equipment. Thus by working in this simulation, when they graduate they already have real life experience. He added that every single Engineering and Technology student has to take 111 OSHE to realize what they would be doing in the future. If they take these courses earlier, then it would be beneficial for them.

Lu Yuan: Ethical behaviors and professional responsibility ----we have to decide what to do with this outcome.

He added that any changes in tool and or equipment need to be adopted by the faculty and company both. So, we need to make sure that we are up to date.

Lawrence Mauerman: That is why it is important to have this conversation, then you need to be telling us that so we can make a change in our curriculum.

AIHA and ASSP both will evaluate the outcomes. Because both have given input, it might take long.

Our goal is to get the ABET accreditation for MS program. We want to have an independent MS program; we do not want to depend on the I-SAT program to make it strong.

## Process and Timeline

MS: 1-2 years

Safety, health and environment management – it is challenging to bring all four focusses under one program.

Glenn Young: More and more companies are finding it challenging if they do not have someone with better credentials. The MS program is demanding, especially for the consultants.

( I think after this point, Dr. Massawe, Prof. Kuiper and me were discussing our RWR and research. So there nothing that I wrote on them.)

Lu Yuan is writing a book on Anthropometry (ASSP).

The training allocation grant after MS program is in place (COARR-ASSP).

QAP is already approved.

We have huge support from BCSP. Our students are doing great. CSP is pretty challenging. If we see the difference between ABET accredited and ABET non-accredited department students' performance.