

LOC INDUSTRY ADVISORY BOARD MEETING

Wednesday, November 13, 2024

4:00p.m. – 5:19p.m.

Date: November 14, 2024

Time: 4:00p.m. -5:19p.m. (CT)

Room: Virtual/Teams

Present: Dr. Lisa Lang, Dr. Wei Ding, Dr. Valerie Chu, Professor Dariush Zarshenas, Dr. Jacob Ogunlade, Dr. Luke Owengo, Kimberly Bailey, Alex Tartera, Ashleigh Smith, Alandria London, Tecia Marshall, Eva Morales

THANK YOU FOR YOUR KIND HELP THAT LED TO THE SUCCESS OF OUR ABET PURSUIT:

Dr. Lisa Lang opened the meeting and asked if everyone had received the agenda. She shared the outcome of our On-site ABET Accreditation visit. She stated that there were 8 DIFFERENT STANDARDS in which we were evaluated and in three categories: DEFFECIANCY, WEAKNESS, AND CONCERNS. She was happy to report that there were no deficiencies. She continued to address a couple of weaknesses and one concern. Dr. Lang stated that our CURRENT curriculum required 14 credit hours in Calculus I or above and that they were looking for 15, however since we received our findings, the chair of the On-Site Review Committee sent Dr. Ding an email, stating that after speaking with his editor, he found that some of the policies had been modified and we no longer needed to use them as a guide. When he prepares the draft statement, it would not include the MATHEMATICS REQUIREMENTS as a factor in the criterion 5 (CURRICULUM) Weakness.

- I. **Dr. Ding** added that we have a new curriculum, and it meets the requirement. So, we don't need the grades, give the transcript.
- II. **Dr. Lang** added that the concern had to do with ensuring that we had Credential faculty to teach in that field. As you know, in computer science, it is ever changing. And so, there's some new courses and they want to ensure we make sure that we have individuals credentialed to each of those courses. Dr. Ding will be receiving a report. That was just a draft they provided us with. letting us know what our shortcomings were, but they will be sending him a formal letter and once he receives that, we will have a certain number of time to address that concern or weakness. During the **ANNUAL MEETING IN JULY we will** know our fate. It will be presented during the annual meeting just like it is at most other Accreditation conferences. Over all **NO DEFICIENCIES**.

- III. **Dr. Ding** added That this is his 3rd. The only thing we need to do between now to the July meeting would be our 30 day report and we're already finished. The draft and the plan are being reviewed. We will have a meeting after that.

PEO'S OF B.S. COMPUTER SCIENCE

Dr. Ding continued the second part of the meeting with having a discussion hour. Educational objective in which he sent the agenda to all staff members via email. Here it can give you feedback especially from your industry viewpoint. Topics to discuss:

- I. Discuss following program educational objectives (PEOs) of B.S. in Computer Science at LeMoyne-Owen College.
- II. Graduates will inherit LOC's rich HBCU heritage and liberal arts tradition and hence become creative, responsible, and conscientious citizens of United States and global society.
- III. Graduates will secure careers and will succeed in computing and IT related professions with various real-world applications.
- IV. As productive IT professionals, graduates will work efficiently, communicate effectively, and hold high ethical standards as a team member and as a leader.
- V. Graduates will pursue lifelong continuous learning and self-learning, help and mentor colleagues in this lifelong learning, and well adapt to the rapid pace of IT industry.
- VI. Other input from industrial perspectives.

FEEDBACK

TECIA MARSHALL: interested in the 2nd and 3rd bullet points. We need to keep in mind that they can do more than clinical they can be creators and be leaders in the community as well. Would like to see if it is possible if they can volunteer and receive hands-on experience. Would love to contribute to that.

Dr. Ding – Adding volunteer as part of the language would be good

Alex Tartera- Internship and mentoring, I think that we need to encourage that as they leave.

Ashleigh Smith-Internships and more career opportunities to push our students directly into information technology.

Alandria London- asked Once these objectives re finalized, where will they be printed or available?

Dr. Ding- Stated that the objectives have already been sent in July of this year and went through. It's not finalized yet because we still can update but it is on our webpage under our academic and division of computer science.

Kimberly Bailey- I would like to see them coordinate and collaborate with organizations like Black Girls Code so they can assist other in learning some of the things that they have learned outside of the employment type of realm. I think there are traditional paths into this but also nontraditional and would like to see our students give some service back into these areas.

Dr. Ding- We formally have two programs Bachelor of Science in Computer Science and Bachelor of Science in Infiltration technology. And we added a new one Bachelor of Science in Cyber Security has passed all the internal approval. Then the original presentation approval by fall of 2025 should become a real official degree program.

- Look at our catalog we have 2 Curriculum
- The second one that was added includes 8-9 new courses
- Push caucuses to a earlier time at least one year earlier
- Computer science concentration & Data Science
- Data Analytics and Data Visualization
- New curriculum Information assurance
- Networking Concentration
- Criminal justice concentration
- The Bachelor of Science program has been broken into 2 separate degree programs
- In computer science itself, with two concentration computer science and the data science, and another, the other three, criminal justice has become a minor in the NEO curriculum.
- But the previous information assurance concentration become a new degree program.
- Is pending the sax approval. It will be officially Better Business in cybersecurity and networking become the concentration of that program. Graduate of the security.

Feedback?

Alandria London- I Notice that the computer science web page seems to have the text placeholder text and when will it be updated?

Kimberly Bailey- So what I can share about the website is that Doctor Don Ross is working with KQ. Kq hosts our website and does all of the updates, and I know that a communication came out for all departments and to send any updates that we want present on the website, and I think there was a deadline for that. So, these communications happen with Our Chief operating Officer and KQ.

Alex Tartera- I think you know having that as a not having data there. I mean, it's almost. It'd be better. Just have it blank. Then you know the cause. I mean, it looks like it's not prepared, but. And I think this is a great marketing opportunity to be able to get people excited about the program cause. That's one of the things that they look at in this and I mean it is an exciting piece and it's an exciting aspect to be able to do these. Things and the mere fact that the mere fact that. It isn't industry specific. It means your scope of work, or your opportunities are you know it really it goes beyond a lot of other specific things

New updates needed

- **Update our division web page for our CAE**
- **The academic center or Excellence for cyber security (redesignation)**
- **Send email to Dr Dunn Ross to restore CAE page**

Any feedback or comments?

Alex- did you want to incorporate anything AI?

Dr. Ding- im teaching a AI course and we added that to the new curriculum. Add a machine learning course added autonomous vehicle and a drone course we may add a gaming courses.

We added a gaming lab and have an active gaming club

MEETING ENDED. NEXT MEETING: FEBRUARY OR MARCH 2025