

## **Minutes for Cybersecurity Industry Advisory Board (CIAB) Meeting**

**Friday November 23<sup>rd</sup>, 2021 at 2:00 pm in Dr. Farag's Zoom Room**

**Attended by:** Mr. Robert Buckingham, Mr. Kevin Dodds, Mr. Tom Dugas, Mr. Nigel Wright, Dr. Steven Hovan, Dr. Francisco Alarcon, Dr. Waleed Farag, Dr. Ezekiel, Dr. Fredrick Adkins, and Ms. Maria Balega

### **Previous Minutes:**

1. Mr. Tom Dugas made a motion to approve previous minutes.
  - a. Seconded by Dr. Ezekiel.
  - b. The Motion passes unanimously!

### **Review of IUP Cybersecurity Programs:**

1. Updated Cybersecurity programs by adding Intro to Operating Systems as a required course

### **CAE PoS and designated applications:**

1. Submitted PoS application in summer, currently under review
2. Submitted CAE Designated application on November 3, 2021, received a positive pre-submission review report, and the application is currently under review

### **CIAB Recommendations Discussion:**

1. Minor in Criminology Requirement
  - a. Exchange of criminology minor with offensive security or digital forensics minor would better prepare students for career
  - b. Courses other than criminology would be more beneficial to students especially those with labs and hands-on technology
  - c. Curriculum seems light in courses with cybersecurity in their titles, add more courses with security in the title
  - d. Proposal to create digital forensic minor
    - If the content of this proposed digital forensic minor is in line with CAE requirements, it may be a good candidate to replace the criminology minor

- e. Add more cybersecurity courses
  - need to constantly adapt and modify curriculum based on technological changes and the evolving requirement of the CAE Knowledge Units Framework
- 2. Implementations of CIAB Recommendations:
  - a. Loss of staff, need to navigate as there will be no new faculty this year
  - b. Possibility to incorporate a hybrid approach to have a specialized person who can teach students remotely
  - c. Hire new people who are specialized to provide more opportunities when finances become available
  - d. Solid foundation of curriculum
    - Need to update and maintain this foundation
    - Add cutting edge security courses (Wireless Security, IoT Security, Block Chain, etc.)
  - e. Currently have limited resources
    - Upgrade to staff who teach computer science and cybersecurity
    - Plan for the future (2023) rather than now with limitations

**Meeting was adjourned at 2:55 pm**

**The next meeting of the IUP CIAB TBA**

Respectfully Submitted By: Ms. Maria Balega and Dr. Waleed Farag