Agenda for the Cybersecurity Industry Advisory Board (CIAB) Meeting

April 13, 2026 at 9:30 AM

1. Approval of the minutes of the last board meeting held on 3/2/2026.
2. Brief review of the IUP Cybersecurity Programs:
    - BS. in CompSci – Cybersecurity Track
    - Minor in Cybersecurity
    - COSC Courses
3. Discussion topics based on CIAB recent input and recommendations:
    a) Incorporating AI into the curriculum. We have recently added two courses and plan on renaming the LAS track as the AI track.
    b) Opinion on the relevancy of the current Minor in Criminology.
    c) Suggestion regarding increasing K-12 student awareness with opportunities in the field.
    d) Specific recommendations regarding hands-on learning from our industry partners.
    e) Input regarding the inclusion of offensive security (Pen testing, vulnerability assessments) as well as cybersecurity leadership, governance, and policy.
4. Deciding on next meeting date.
5. Questions/final comments.

Minutes of the IUP Cybersecurity Advisory Board Meeting

Held Virtually on April 13, 2026 at 9:30 AM

Members Present: Hauwa Abbas (IUP), Jamie Bretz (MCCC), Stacy Dabbs (CTASD), Waleed Farag (IUP), Rob Heinrich (IASD), Kevin Pudliner (CTC), Matt Sulkosky (Millennial), Lydia Taylor (IUP), Barb Zaborowski (PHCC)

Meeting Information

1. Motion to approve the minutes of the March 2, 2026 IUP Cybersecurity Advisory Board meeting was made by Kevin Pudliner and seconded by Barb Zaborowski. The motion passed unanimously.
2. Discussion focused on the continued integration of artificial intelligence into the IUP computer science and cybersecurity curriculum. Updates were provided regarding newly approved AI-focused coursework and the planned transition of the Language and Systems track into an AI-focused track.
3. Partners discussed the importance of balancing foundational computer science instruction with practical use of AI-assisted development tools. Industry partners emphasized the growing need for graduates who understand software architecture, quality assurance, AI-assisted coding, and machine learning concepts.
4. Industry representatives shared feedback regarding workforce expectations for computer science graduates. Partners noted that AI tools are rapidly changing software development workflows and emphasized the importance of teaching students how to effectively supervise, evaluate, and leverage AI-generated code.
5. K-12 partners discussed challenges associated with preparing students for future careers in computer science and cybersecurity. Discussion included how schools should adapt curriculum to focus on critical thinking, problem-solving, and effective use of emerging technologies.
6. The advisory board discussed the continued relevance of the criminology minor within the cybersecurity program. Industry partners noted that legal, investigative, and evidence-handling components remain valuable, while recommending increased emphasis on advanced cybersecurity technologies such as AI and quantum-related security topics.
7. Partners emphasized the importance of experiential learning opportunities including hackathons, camps, cybersecurity competitions, and drone-related activities to increase student engagement and awareness of cybersecurity career pathways.

8. K-12 partners discussed ongoing outreach efforts and agreed to continue distributing information about cybersecurity opportunities to students and surrounding school districts.
9. The group discussed the importance of maintaining strong alignment between K-12 preparation, higher education curriculum, and workforce needs as AI continues to reshape the technology industry.
10. With no further discussion, the meeting concluded at approximately 10:00 AM.

Respectfully submitted by Lydia Taylor and Dr. Waleed Farag.