

**Fall 2024 CSIS Industry Advisory Board meeting  
Grossmont College  
Friday, October 25, 2024 3:30-4:15pm**

Meeting Details:

Zoom: <https://gcccd-edu.zoom.us/j/84554529743>

Meeting ID: 845 5452 9743

Phone: 1 669 444 9171

**Meeting Attendees:**

|                      |                         |                                  |
|----------------------|-------------------------|----------------------------------|
| Huy Ly               | Mejun                   | CEO                              |
| Keith Fernandez      | San Diego Sheriff Dept  | Network/CSS Manager              |
| Daniel Najor         | Big Watt Digital        | Founder/Director/VP              |
| MD Rana              | Army Futures Command    | Lead/SME Cyber/AI Innovation/R&D |
| Haytham Allos        | <a href="#">Vikk.AI</a> | CTO                              |
| Antonio Recalde      | Intuit                  | Software Engineer                |
| Javier Ayala         | Grossmont College       | Dean CTE                         |
| Hau Nguyen           | Grossmont College       | Chair/Professor                  |
| Jim Hotz             | Grossmont College       | Professor                        |
| Robert Gillespie     | Grossmont College       | Professor                        |
| Philip Bell          | Grossmont College       | Professor                        |
| Ahn Nuzen            | Grossmont College       | Professor                        |
| June Yang            | Grossmont College       | Professor                        |
| Tom Luibel           | Southwestern College    | Dept. Chair CIS and Electronics  |
| Ron Norman           | Grossmont College       | Professor (Retired, part-time)   |
| George Sfakianakis   | Grossmont College       | Professor                        |
| Tijan (TJ) Nicholson | Grossmont College       | Professor                        |

**Applied Artificial Intelligence Meeting Minutes**

| <b>Agenda Topics:</b>            | <b>Facilitator:</b> | <b>Time (min):</b> |
|----------------------------------|---------------------|--------------------|
| <b>Welcome and Introductions</b> | <b>Hau Nguyen</b>   | <b>10</b>          |

Hau began the meeting and introduced new faces on the Industry Advisory Board, starting with Huy, the CEO of Mejun, and a cybersecurity firm based in San Diego. Huy shared about his company's transition from development work to cybersecurity services, including threat monitoring and governance. Hau also mentioned that Huy's company had hosted student interns in the past. The next introduction was for Keith Fernandez, but due to a technical issue, his voice was not audible.

| <b>Agenda Topics:</b> | <b>Facilitator:</b> | <b>Time (min):</b> |
|-----------------------|---------------------|--------------------|
|-----------------------|---------------------|--------------------|

## Program Overview

- Associates Degree in Applied Artificial Intelligence
- New Certificates
- New Credit and Non-Credit Course Outlines

## AI Program Overview and Courses

In the meeting, Hau introduced the agenda, which included a program overview of artificial intelligence by Philip. Javier, the Dean, expressed his excitement about the panel and the program, noting that it is one of the few offered at community colleges. Philip then presented the planned courses for the associates, including introductory classes, cybersecurity, large language models, generative AI, and cloud computing. He also mentioned potential certificates and a non-credit option. The team discussed the alignment of their courses with industry needs and invited feedback and questions.

## Curriculum Development

The team discussed the development of a new curriculum for a data science program at a community college. Keith expressed concern about the lack of diverse students in STEM fields and suggested the need for more resources to attract a broader student base. Professor Philip agreed, emphasizing the importance of marketing the program effectively to avoid self-selection by students who may feel they lack the necessary math skills. Dr. Javier shared the reasoning behind the diverse types of certificates and credentials offered, including a non-credit certificate of completion for those with basic understanding of AI, a credit certificate for those in the field seeking more depth, and a two-year associate's degree for those needing higher-level math. The team agreed on the need for multiple entry points and pathways to accommodate diverse student needs.

## AI Associate's Degree Program

The team discussed the development of an Associate's degree program in Artificial Intelligence (AI) at Grossmont College. The program aims to provide students with a comprehensive understanding of AI concepts and practical applications. The curriculum includes courses on Python, AI fundamentals, and cloud computing. The team also discussed the potential for additional certifications in specific AI tools like AWS, Microsoft, and Google. The program's structure was debated, with some suggesting it should be tailored to specific career paths within AI. The team also discussed the importance of incorporating cybersecurity and ethics into the curriculum. The program is expected to be submitted to the curriculum committee for approval in the coming weeks.

## Next Steps and Approval

- Philip to develop additional certificates for AI specializations in the coming semester or next year.
- Industry board members to consider attending the employer advisory dinner on November 13.
- Philip to review the math prerequisites for CSIS 185 and consider alternatives for non-math majors.

- Advisory Board members to provide feedback on AI curriculum and course outlines via Google Drive.
- Hau to follow up with Huy regarding potential hiring of Grossmont graduates.
- Curriculum team to consider adding more cloud computing specifics (AWS, Azure, Google) to the AI program.

**Advisory Board Members unanimously approved the Artificial Intelligence Associates Degree curriculum and program. Program and curriculum will move forward for Regional Dean's Committee Approval (approved 4:15pm on October 25, 2024 via zoom).**