



Computer Science & Engineering -MINUTES
May 5, 2025, at 2:00 PM
Zoom

Members Present: Vargha Hokmran, Cloud Support Engineer, Amazon Web Services; Jake Marugg, Software Engineer, HP Inc.; Patrick Tsai, Software Engineer II, Ping Identity; Victoria Mithoug (Vice-Chair) Cloud Product and Program Manager, HP Inc.; Katie Gonzalez (Committee Chair) Sr. Staff Software Engineer, Ping Identity; Johnathon Bunn, Software Engineer, ICS

Guests:

Members Absent:

Labor Representative:

Clark College: Izad Khormae, Department Chair, Clark College; Theo Koupelis, Dean of WPTE & STEM, Clark College; Elizabeth Flores, Advisory Coordinator, Clark College; Kathy Chennault,

The meeting began at 2:00 PM, and a quorum was met.

NEXT MEETING DATE

The committee will meet next on November 10, 2025.

MINUTES OF THE PREVIOUS MEETING

The minutes from the previous meeting on November 18, 2025, were approved.

PROGRAM UPDATES

Izad shared that the Associate in Science – Track 2 (AST2) pathway is no longer available to Computer Science students. Current and future students interested in computer science may choose Applied Associate of Technology in Computer Science (AAT CS). However, the AST2 Pathway will continue to serve as a core program for Engineering and Physics as it remains a strong and sufficient offering.

Izad announced that the Applied Associate of Technology in Computer Science (AAT CS) has been approved and accredited.

Izad displayed the core program course map for years one and two. The program stops at Calculus II, but the program added statistics. Izad discussed the courses and shared that they have been approved.

Izad displayed the Bachelor of Science program map for years three and four and noted that the program is fully accredited. 14 students have applied; however, no outreach has been conducted yet. The program is hoping to reach out to past alumni to offer the Bachelor of Science program pathway. Izad shared that the program hopes to add one more tenure-track faculty member. Currently, the program is in the interview process.

Johnathan asked if there is a physics requirement. It will be offered as an option.

Izad discussed the change in requirements, and physics is no longer required.

BS CS INDUSTRY PARTNERSHIPS

Izad discussed that students are asking for career development and industry-type projects. The program would like to make this a focus.

Izad discussed that the program would like to welcome guest speakers in classrooms and welcomed committee members to share what they have seen in the industry for program guidance and recommendations.

Izad would like to invite software developers and managers to discuss real-world expectations, challenges, and more. Izad welcomed all advisory committee members to volunteer.

Izad welcomed members to discuss feedback and guidance on domain expertise on AI, cybersecurity, mobile computing, embedded systems, and cloud computing.

INTERNSHIP

Izad shared that the program would like to connect with businesses on internships and Co-op.

Additionally, the program would like to connect students to computer-related internships and jobs, and welcome committee members to reach out to the program.

Faculty Positions

Izad shared that the program is looking for professionals with five or more years of industry experience who hold a Master's or PHD degrees in their field. Industry partners with an interest and expertise are welcome to apply.

Industry feedback

Vargha discussed the benefits of the service-learning project as a student and asked if it is active.

Izad shared that, yes, the service-learning project is still active, and the program hopes to do more of those.

Johnathan recommended that the project incorporate AI. Johnathan noted that if AI is not present, many companies will not receive the contract. AI is a part of daily functions.

Patrick recommended that professional development skills, interview skills, and soft skills are important. Additionally, explaining algorithms is an important skill, and providing students with time to develop those skills. Patrick is in favor of professional development and expanding on that.

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Jake offered to support, suggested guest speakers, and conducted a panel of industry speakers. Izad welcomed committee questions to use as a basis for this activity.

Katie discussed the challenges that new graduates might encounter, such as interview questions, receiving a call back, and keywords to incorporate in resumes. Additionally, how does someone's resume get picked up by automation. Therefore, preparing students for this process when applying to jobs or internships would be beneficial.

Kathy shared that having HR representatives from industry partner companies would be an invaluable addition.

Izad discussed challenges with interviewing and the importance of networking.

Kathy shared that the Foundation and Career Services (among others) host networking events for students, so they learn how to connect with alumni.

Izad discussed the program called MeCoop, shared the outline, and welcomed comments or questions. <https://www.mecopinc.org/>

Johnathan agrees with Katie, networking is largely important for employment. LinkedIn, Facebook, or attending expos or events are helpful.

Action Items

The committee will discuss the Northbank partnership at the next meeting.

The meeting adjourned at 2:58 PM

Prepared by Elizabeth Flores