



Spring 2021 Program Advisory Committee Minutes

Program: Engineering Technology

Date: 4/7/21

[Meeting Presentation](#) - presented material during the meeting, additional comments from PAC members below in each section

Members Present:

Ralph Arabian, Reed Brockman, Kehinde Ikuomenisan, Jessica Kaufman,
Dave Kempkie, Emily Nelson, Wayne Spritz, Ken Warnock

Program Facilitator: Emily Nelson

Committee Chair: Wayne Spritz

Subject: Student Enrollment/Class of 2024

Discussion: No additional comments to the enrollment

Subject: On Campus Learning Update

Discussion: Discussed the new materials we have and how we plan to use them, some questions were asked specifically about the Festo MechLab - the plan is to put two students to a module and rotate modules between groups until each student has completed all three modules as in introduction. Hopefully next year we can do more integration of modules and projects.

Subject: Curriculum Bias/Programmatic Review

Discussion: Group discussed how we can start to think about the curriculum level bias and who is involved in this topic: Educators, Large Networking groups, etc. This is a very important topic happening in education as well as industry.



Jessica mentioned Endicott works to include diverse history and different stories of engineers from a global perspective. A number of members have connections to different groups such as SWE, NESDE, Hispanic Latino Network, etc. Involving these groups might help ensure the curriculum is not biased and as we build content we are taking diversity and bias into consideration. Anyone with these connections will reach out offline.

Subject: Senior Portfolio Showcase

Discussion: No additional comments, working on juniors building their portfolios for next year. Invited any members to other CTE programs showcases.

Subject: Co-Op Status

Discussion: Reviewed results from last Co-Op meeting. Reed gave a lot of details about a program he runs that works with high school students in the area. Students are given a stipend as it's difficult to bring high school students to some of the job sites. 10 week program where students participate in more forward looking (research type) projects than typical on site projects. Our ENSATs program is defined as a work program with the intention that Co-Op students are paid. There are some possibilities for shorter term unpaid internships. Going to have Reed talk with Lisa B. (Co-Op Coordinator at ENSATS). Goal is to set up another follow-up Co-Op meeting in 4 to 6 weeks time. PAC members are to advise staff on what current skills and needs exist so that ENSAT can produce meaningful employees.

Subject: Employee Outlook/Industry Trends

Discussion:

Subject: Recommendations for Program

Discussion:



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Subject: **New Business**

Discussion: - Reed mentioned there is a grant that is time critical - going to reach out offline with more details.

- Model bridge contest in it's 33rd year and one of the mentors would be interested in helping out
- Can we ask to get the webpage updated to reflect program
- Can we collect some student data on what students are interested in and would like to do? This would help us in building out program, co-op positions, and skills while helping students find their interest/college programs
- Reed mentioned that students at Bunker Hill and Merrimack ASE chapter would be willing to have frank conversations with students about their experience with engineering
- Can we engage local chapters of ASME, IEEE, etc. to build connections for student body as well as greater participation in the PAC committee
- Structural world doing mostly 2D modeling and BIM

Subject: **Pathway Tree**

Discussion: After a brief description of the pathway tree members agreed to fill out the form offline.

The meeting adjourned at (time): 7:40pm