

Industry 4.0 Workforce Summit

Webinar #4 Chat Comments

March 12, 2021

Please contrast the 'weed in admissions' design with the traditional 'weed out' process.

How do you motivate your faculty members to reach out to industry and seek industry sponsored projects?

How do you handle intellectual property with industry partners?

How do you attract and support women faculty? What are the factors that have led you to have such a large percentage of women faculty?

Deliberate scaffolding, nice, thanks.

Could Dean Carpenter expand on the concept of "interprofessional education" which is part of Dr. Ratcliff's title?

How do industry partners provide funding for senior projects?

Do students work on Senior Design projects on-campus, or are they embedded to work on them at local companies?

And the licensing groups.

One of the central tenets of Industry 4.0 is the convergence of physical and computing technologies. Can you comment on the computing aspects of your program?

What feedback are you getting from industry about your students. What are they happy with? surprised by? wish was different or better?

Any CS programming courses that you required students to take to make them ready for Industry 4.0?

Could this model be applied to students interested in the Architectural industry - Architecture, Engineering and Construction (AEC) ? Examples ? Also I teach CAD software and I try to have students produce a semester project comprised of weekly components culminating into an end-of-the-semester project as a capstone project.

What types of changes had to be done in the labs and hands on experiences because of COVID19 this year?

How are the variety of engineering societies populated with a small student body?

What is your graduation rate within the four year window?

How do you promote peer learning experience (i.e. student learn from each other)?

How regularly do the industry mentors interact with the student design teams?

What types of assessment / activities do you recommend for ABET student outcome 7: An ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Has a White Paper been published on this model either by Campbell University or other resource?

Thank you for sharing your program experience

Great effort!

Thanks all!

Dr. Barton, can you expand on what you mean by "human literacies" and how that is included in engineering education at Morgan State?

Dr. Barton, How hands on is your program for I4.0 / Mechatronics?

How do ensure that the personalized program is rigorous and students do not find the path of least resistance?

Can you talk about the new phd program you mentioned, such as industry demand and curriculum?

How can a faculty like from Mechanical Engineering can equip for Industry 4.0? Do you expect us to learn machine learning, big data analytics etc.,?

Link to survey and eBook: <https://workforcesummit.asee.org/student-survey/>

Thank you!

Will these presentations be shared after the meeting?

Great program!!!

VERY Informative - Thank you