# UMES Engineering Advisory Council
# Fall 2022 Meeting

# Agenda

**October 18, 2012**

# Welcome and thank you for supporting the UMES EAC

The Engineering Advisory Council is a collection of local and regional government and industry engineering organizations assembled for the purpose of advising the University of Maryland Eastern Shore department of Engineering and Aviation Sciences on trends and observations about the field of engineering that impact Program Educational Objectives, long range curriculum planning, and instructional strategies

# Agenda

UMES Engineering Advisory Council (EAC) General Meeting – Fall 2022

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| 1100-1115 | Welcome and Introductions | Dr. Stanfield |
| | Roll-call fashion | |
| 1115-1130 | Engineering Department Overview | Dr. Jin |
| 1130-1200 | Feedback on PEO's* | All, Dr. Stanfield |
| | PEO Overview (Dr. Jin) | |
| | General Feedback on PEO's | |
| 1200-1230 | Industry Feedback** | All, Dr. Stanfield |
| | "Old" Engineering Alumni | 4 to 10 years |
| | Young Engineering Alumni | 0 to 3 years |
| | Industry Partners | |
| 1230 | Closing Remarks | Dr. Stanfield/Dr. Jin |

 *Notional date for EAC PEO deep-dive on Tue, Nov 8, 1100-1230

**Notional date for EAC Engineering Work Place deep-dive on Tue, Nov 22, 1100-1230

# Industry Feedback

As an short discussion topic for today, and focusing on our "old" Engineering Alumni (4 to 10 years of work experience) what are a few thoughts relative to a few of the following discussion points?

- Engineering software tools in use and new engineer experience with them
- Ability to communicate ideas, designs, decision logic, and assessments of risk
- Ability to perform in non-traditional work arrangements and improving that
- Perceived skill sets or experience gaps and what can we close in the future
- Timeline for new engineer autonomy in their decision making
- New engineer understanding of the design-production-support continuum
- Engineering skill sets are in shortest supply in your industry
- Topics would you take again and that programs should emphasize