



Advisory Committee – Engineering

Chairperson: _____ Jim Barnett

MINUTES of the Meeting

Friday, October 31, 2025

MEMBERS:

TOPIC	DISCUSSION	ACTION
1. Call to Order	The meeting was called to order by Jim Barnett	
2. Introductions	9 committee members representing five companies were in attendance. Companies included: Standard Aero, Stober Drives, Sugarcreek, Huhtamaki and YUSA.	
3. Agenda	Review/Approval of the Agenda	Motion by: Scott Rankin 2 nd : Andy Young All In favor
4. Minutes	Review/Approval of the 2024 Minutes – no 2024 minutes as no meeting was held	Motion by: N/A 2 nd : All In Favor/Opposed
5. Reports from Committee Members	Most companies have SSCC grads as employees. Feedback included: grads know CAD well, could use more skill in basic research and putting together documents/proposals, and procedural processes. Need to be better self-starters. Need to ask for more help / communicate better. Need a deeper knowledge of Geometric Dimensioning and Tolerancing (GD&T) which communicates design intent clearly, ensuring that parts fit and function together even when manufactured by different methods or vendors. Stober mentioned how their apprentices are more engaged. Their investment will pay off. The “benefit is there.”	
6. Review of the Program Curriculum	Jim reviewed plan to combine current majors into Engineering Technology with various concentrations. He noted classes are hybrid with Monday being on campus. Having excel as part of the programs was mentioned by a committee member.	

<p>7. Review Enrollment and Graduation Rates</p>	<p>Mechanical – Electro Mechanical is a 40% - 60% (program enrollment breakdown) 10-15 student average Retention into 2nd semester 60-70% Retention into Fall of 2nd year 90% from previous semester. Include Jim' slides as part of the minutes.</p>	
<p>8. Update of the Current/Future Industry Trends & Employment Outlook</p>	<p>Standard Aero – Regulated products – cannot use AI (can't have info. get out) – need to know how to write good bullet point email, 3D models</p> <p>Sugarcreek – Won't look you in the face at interviews, soft skills weak, tech writing class is great. Taught how to do emails.</p> <p>Stober – tech research, tools, soft skills</p> <p>YUSA – robotics, sensors, automotive industry – 2D drawing is starting to leave. 3D data now.</p> <p>PLC's class – troubleshooting PLC's, robotics, automation, exposure to AT</p> <p>Huhtamaki - Looking for good project managers – write an SOP – when to report what to Engr., shop floor, etc.</p>	
<p>9. Employer Recommendations for Improvement <i>(list at least 5 from employer's)</i></p>	<ol style="list-style-type: none"> 1. Standard Aero – inspection equipment, optics, robotics, tech of inspection, sensors, programming CNC machines 2. YUSA – 3D scanners ... Coordinate Measuring Machine (CMM), vision system, drone in automation x- prototype parts, 3D printing – additive parts 3. Sugarcreek – vision – tech they are looking for. 4. Stober – design for safety, exposure to that early on 5. Huhtamaki – highly automated. Exposure to industrial networking. 	

<p>10. Plan of Action <i>(for those listed in #9)</i></p>	<ol style="list-style-type: none"> 1. Jim asked if companies had resources – knowledge, equipment or financial - to please share. 2. Suggested to have interview workshops – Edgar Case/ Standard Aero 3. Certificate in CNC programming 4. Workforce development – CMM – Standard Aero 5. Sugarcreek – has stuff in Dayton – electric motors, older pieces – rotary packer/bagger – Jim could have some of this for his classes to work on 6. Noted by members – SSCC is “well established... proven.” 7. Sugarcreek has in house training programs 8. YUSA – robotics – Fanuc and Japanese robots available 9. Stober – drives, gear boxes etc. for use. Note they are donating drives and gear box for stage for spring Theater production. 10. Huhtamaki – could review research process for product design class 	
<p>11. Survey</p>	<p>Complete the Individual Advisory Survey (<i>RETURN IN LOBBY FOR A GIFT</i>)</p>	<p>Completed, returned, gift pick up</p>
<p>12. Adjourn</p>	<p>The meeting was adjourned at __10:30__ am <i>There being no further business to be discussed, the meeting was adjourned.</i></p>	<p>Motion by: 2nd by:</p>