



**Engineering Systems Technology Advisory Committee and
AMT Sub-Committee Meeting
Friday, February 25, 2022 8:00 a.m.
McWherter Center for Industrial Technologies**

AGENDA

ATTENDEES - Reggie Davis (TBDN), Jeff Garner (TBTN), Brian Burnett (TBTN), David Houston (TBTN), Kevin McManus (Precision Coils), Rich Cunningham (LyondellBasell), Robert Apelgren (Sonoco), Jason Bates (Toyota), Jim Droke (Toyota), Aaron McKee (LyondellBasell), Lesley Crittenden (Teknor Apex), Keith Balentine (US Silica), Duncan Baggett (USF), Daniel Oglesby (Stanley Black & Decker), Dr. George Pimentel (JSCC), Dean Terri Messer (JSCC), John McCommon (JSCC), Cathi Roberts (JSCC), Aaron Hamilton (JSCC), Roger James (JSCC), Ben Lawrence (JSCC), Roselind Blackwell (JSCC)

Welcome and Introductions –

- a. John Taylor, JSCC Engineering Systems Co-op with LyondellBasell
- b. Reggie Davis, Advisory Committee Chair
- c. Committee Membership in Attendance
- d. State of the College – Dr. George Pimentel, President

Old Committee Business – McWherter Center – we are back in!

New Business

- a. Program Updates – Engineering Systems – Terri Messer
 - a. Enrollment – see trend chart
 - i. Demographics – please complete the green sheet with your company profile
 - b. Graduation – see trend chart
 - c. Exit Exam Results – see trend chart
 - d. Placement – see informatic for details
 - e. Current student overview
- b. Program Recruitment and Retention Update – Cathi
 - *Two new classes were established for Fall/Spring*
 - *Wage increase from \$12 hrly to \$15*
 - *Started night co-hort for spring semester instead of fall*
 - *Orientation, TEAM Meetings, MCE have been reestablished*
 - *Working on more interactive TEAM activities to promote retention*
 - ✓ *Encourage honors program*
 - ✓ *Participated and won canned food drive*
 - ✓ *Volunteered at two Animal Care Centers*
 - ✓ *KJ/100 5K Bike Marathon*
 - *Ring setup for Black Tie Boxing*
 - *Ambassadors for the ENST program*
 - *Fall 2021 - Utilization of Advising Coach*
 - *High school college fairs*

- *Classroom presentations*
 - *Increased social media presence*
 - *Spring 2022 - Face-to-face meetings*
 - *Company visits*
 - *Virtual event with Jackson-Madison County School System*
 - *McWherter tour*
 - *College & Career Day*
 - *Non-traditional Recruitment*
 - *Nation Guard and religious organizations*
 - *Targeted equity recruiting efforts*
 - *PIPE: Program Improvement Process for Equity - for females and under-represented minorities*
- c. Program Schedule Review –Roger James, Ben Lawrence, Aaron Hamilton
- *1st year students -> Monday/Wednesday from 8:00 am - 4:05 pm*
 - *2nd year students -> Tuesday/Thursday from 8:00 am - 3:40 pm*
 - *Evening Cohort -> Wednesdays 5:00 pm - 9:00 pm*
- d. ATMAE Accreditation Update – Roger
- e. Program Funding efforts
- a. Update on new lab equipment/supplies received based on advisory committee’s previous input – Roger, Ben, Aaron – GIVE Grant
 - b. Workforce Development grant efforts/awards – USDA Fiber Optics, FANUC - John
 - c. Perkins V Needs Assessment Request – Technology of the future? Required we have your documented ‘wish list’ to continue funding opportunity.
- f. Curriculum Review – Roger James, Aaron Hamilton and Ben Lawrence
- a. Rank technician ‘competency’ list in importance of need for your facility – see green sheet
 - b. Specific Course validation analysis and feedback on Computers in Manufacturing, Technical Calculations and Robotics – see purple sheets
 - *Ben presented on the Technical Calculations class (ENST 1300)*
 - *Roger presented on Computers in Engineering (ENST 1310)*
 - ✓ *Any portion of class deals with CMES*
 - ✓ *Teaching email composing and sending*
 - ✓ *What to do when a workorder has to be submitted*
 - ✓ *Ben requested a form to show what steps to take for submitting a workorder*
 - ✓ *What companies are using SLIK software*
 - ✓ *HMI troubleshooting and compatibility with Windows*
- g. McWherter Lab Tours

Meeting adjourned at 10:02 am
Breakfast provided from Chik-fil-a