

Minutes

HVAC Advisory Board

November 7, 2024, 11:00-12:30

TTC room 5850

1. Welcome
2. Member role call and recognition of new/or completing term members
 - a. Dwight Coblentz, Jason Garza, Rob Vander Weele, Luke Vanderhill, Terry Anderson, Jerry Lentz, Kyle Rogers, Jim Penny, Jordan Nelson, Scott Rogers, Ron Strick, LaJoyce Brooks, Dan Wood
3. Call to approve minutes from last meeting
 - a. Motion by Jim Penny, Second by Kyle Rogers
4. Program updates
 - a. Instructors for the HVAC Department
 1. Full time instructors – Dwight Coblentz, Jason Garza
 2. Part time instructors – Evan Gross (sheet metal) & Jim Kelly (steam, manual J, system & duct design)
 - b. Course electives – Manual J
 1. Some publishers will/are moving toward eBooks
 - c. Update on Canvas requirements.
 - d. Hydronics discussion
5. New business and/or projects – discuss new and emerging trends
 - a. Geothermal, Solar, Mini-splits, 2023 capital requests – new equipment recommendations:
 1. Heat pump water heater
 2. Inverter technology
 3. Work with IT about WIFI Connectivity for Thermostats (ask for separate network)

4. Full communicating systems (AC & Furnace)
- b. Need for a lab-assistant
 1. Recommendation to post at local supply houses.
- c. Commercials are beginning to change to 100% electrification of heat.
- d. A2L discussion – look into ESCO training
- e. KRESA Discussion
 1. KRESA students will be attending KV for the winter semester 2024 and then moving to the new building in Fall of 2025.
 2. Opened another section to accommodate current KRESA students.
 3. Waiting on articulation from Tech Center.
 4. Tech Center will be similar to a pre-apprenticeship.
 5. Polaris (Ohio) has a similar program.
- f. Field trips
 1. Field trip to Armstrong & Absolute Air
 2. Recommendation to do training through Bradford white.
- g. Discussion on finding new employees
6. Timelines for recommended action plans
 - a. Start proposing capital based on recommendations.
7. Updates from around the college
 - a. Tech wing remodel updates
 1. Capital approved for renovations.
 2. \$40 Million total - State providing 20 million, KV will need to fundraise and match funds.
 3. HVAC will be moving into a current Automotive lab.
8. Enrollment for HVAC
 - a. Two new sections for KRESA.

- b. Graduate level – 16-18 students.
- 9. Student use of computer technology/software & soft skills needed
 - a. Excel, Word, building level controls, navigating systems, AI on control side, data analytics and phone skills.
- 10. Next meeting March 2025
- 11. Adjournment
 - a. Motion by Luke Vanderhill, Second by LaJoyce Brooks