

## Minutes

### HVAC Advisory Board

March 7, 2024

TTC room 5740

1. Welcome
2. Member role call
  - a. Dwight Coblentz, Mark Dunneback, Rob VanderWeele, Gabriel Maldonado, Dan Wood, Kyle Rogers, Jerry Lentz, Jason Garza, Jim Penny, Shaun Wright, Luke Vanderhill, Jordan Nelson, Andrew Ballentine, Josh Smith, Brad Bartholomew, Pete Woodruff
3. Call to approve November 2, 2023 minutes
  - a. Motion by Shaun Wright, second Luke Vanderhill
4. Updates from around the college
  - a. Tech wing remodel –
    - i. Capital approved for renovations.
    - ii. \$40 Million total, largely for infrastructure. State providing 20 million, college to raise the other half.
    - iii. Design approval needed from State.
    - iv. HVAC will be moving into a current Auto lab, doubling current lab space.
5. Program updates
  - a. Instructors for the HVAC Department
    - i. Full time instructors – Dwight Coblentz, Jason Garza
    - ii. Part time instructors - Jim Kelly (system & duct design) & Evan Gross (sheet metal)
  - b. Discuss HVAC courses & EFE
    - i. Discussion about how the new KRESA building will affect enrollment.
    - ii. Referring to KRESA EFE program as a Pre-Apprenticeship or career exploration.
6. Perkins Core Performance Indicator
  - a. Enrollment trend declining since 2019
  - b. Graduation rate with a certificate has been increasing since 2019
  - c. 97% male, 7% female
7. Comprehensive Needs Assessment Input
  - a. Discussion around Manual J and Manual D courses.

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- i. More useful to understand what the spreadsheet means rather than knowing how to do it. Focus on the science behind it.
  - b. Motion to combine Manual J and Manual D courses
    - i. Motion by Rob VanderWeele, second Kyle Rogers
  - c. Employers interested in more internship opportunities so students are getting more hands on / in the field experience.
    - i. LaJoyce Brooks to investigate the college policy for liability with internships.
  - d. Oil Burner course discussed – oil decreasing in demand.
  - e. Suggestion to add an electric heat pump water heater to lab.
  - f. In-floor low mass radiant is hitting the market.
  - g. Many manufacturers, such as Bradford White, offer in person and/or virtual tours and trainings.
8. New business / projects / announcements
- a. New certificate program – Energy Systems Technology
    - i. Students will take HVAC Controls 1 & 2. Once completed they are able to take a capstone class for the new certificate.
    - ii. School has awarded approximately \$500,000 for this program.
    - iii. Submitted order for training equipment (solar thermal trainer and geo thermal trainer)
  - b. Attended the AHR in Chicago in January.
  - c. Networking/Training with Armstrong on refrigeration. They are expanding to a Geo thermal manufacturing facility and new steam training center.
  - d. Students use of computer technology/software & soft skills
  - e. Current Capital requests - inverter driven technology, refrigerant press jaws, mini split heat pumps and mini split trainer.
  - f. 2023 Capital – approved/received
  - g. 454B starts next year / Capital request needed to order.
  - h. Reminder about the Advisory Board Celebration on April 4<sup>th</sup>.
  - i. April 16<sup>th</sup> - Portfolio Presentation night for students – members to receive email invite
9. Next meeting November, 2024
10. Adjournment
- a. Motion by LaJoyce Brooks, second Brad Bartholomew
  - b. Recorded by Meredith Vanderhill