

Engineering Committee Meeting AGENDA
December 15, 2022

Router: On Back!
[Missing J. Phillips]

AGENDA:

- Technology Student Association (TSA) Club
 - ✓ We've added around 15 new members this year. (Approximately 25-30 active members.)

K. Harris is mentoring for structural design challenge!

- ✓ Regional Competition – Hazard, KY (March 18th, 2022)
- ✓ State Competition – Lexington, KY (April 10th-12th, 2022)
- ✓ National Competition – LOUISVILLE!

K. Howard will help gather monetary donations for TSA competitions!

- Expansion of PLTW Courses
 - ✓ Our 4th year engineering course is now added to the curriculum. It also DUAL CREDIT. This course is named "Introduction to 3D Printing Technology"

- Concentrators and Completers

K. Napier helped make this possible.

- ✓ Students can now be "Completers" in CTE Mechanical Engineering Pathway. (Will help school's career readiness ratings.)
- ✓ Our students scored a 75% average on last year's Mechanical Engineering EOP exam. State average was 75%! We scored the highest average for all of HC's CTE course EOP exams.

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Very proud for first year! Confident K. Harris's math classes aligned with

mech. engr. pathway will improve scores.

HCHS - Total Percentage that Passed: 49%	2022 Total State Percentage:
Culinary and Food Services: 67%	State: 58% / Mean Score 68.67
Horticulture: 14%	State: 29% / Mean Score 59.15
Marketing: 43%	State: 59% / Mean Score 69.21
Mechanical Engineering: 75%	State: 75% / Mean Score 74.71
Web Development and Administration: 64%	State: 59% / Mean Score 70.06

- Increase Enrollment/Promote PLTW Classes

- ✓ Ideas?
 - Middle School reach out programs.
 - "Pathways" in next year's curriculum.

- Any Questions or Advice?

Kim Howard

Bryan Howard

Bryden Howard

Brianna Howard

Kr H-

Katt Napier

Lindsay Mich