

**WHY do students take the Career and Technical Education End of Program (EOP) assessment?** Any students that show at least two credits on their transcript within a Career and Technical Education Pathway (<http://harlan.k12.ky.us/CTE.html>) are defined as a 'concentrator' and qualify to take a related EOP (End of Program) assessment. Senior concentrator students MUST test; Junior and Sophomore students have the option, but should test if ready and will provide multiple opportunities to pass.

**HOW does it benefit students?** Students who pass the EOP in any of the CTE Pathways at Harlan County High School earn articulated credit at a number of Colleges and Universities. Below are the current agreements sorted by pathway; please use the following link to access the agreement(s) for each. [https://education.ky.gov/CTE/ArtAgree/Pages/Art\\_Agree-EOP](https://education.ky.gov/CTE/ArtAgree/Pages/Art_Agree-EOP).

**DO the test results impact the school in any way?** YES! [Career and Technical Education End-of-Program \(CTE EOP\) Assessment for Articulated Credit](#) is one measure of career readiness as a postsecondary readiness indicator for Kentucky's accountability system and one measure of a postsecondary credential for Federal Perkins accountability and funding. This assessment is a factor in the overall accountability for Harlan County High School if students have not attained career readiness through another measure.

### EOP Test Results – Harlan County High School (2017 - Current)

2024

Assessment	Enrolled	Completed	Taking Now	Passed
Culinary and Food Services	15	11	0	3
Electrical and Electronics Engineering	5	0	0	0
Marketing	74	38	0	26
Mechanical Engineering	13	8	0	6
Plant Science Systems	27	19	0	6
Web Development and Administration	19	10	0	5
<b>Totals</b>	<b>153</b>	<b>86</b>	<b>0</b>	<b>46</b>

Total Tested: 86

Total that Passed: 46

<b>HCHS - Total Percentage that Passed: 54%</b>	2024 Total State Percentage: Not available as of 4/16/24
Culinary and Food Services: 27%	State: / Mean Score
Horticulture: 32%	State: / Mean Score
<b>Marketing: 68%</b>	State: / Mean Score
<b>Mechanical Engineering: 75%</b>	State: / Mean Score
<b>Web Development and Administration: 50%</b>	State: / Mean Score

- State Report – 2024 CTE EOP Assessment Results: <https://www.education.ky.gov/CTE/endofprog/Pages/default.aspx>
- HCHS's 54% total pass rate is an increase of 2% over 2023 and their 2<sup>nd</sup> highest based on available data (55% in 2018).
- 46 is the highest number of students to pass the EOP at HCHS and earn articulated credit! ([https://education.ky.gov/CTE/ArtAgree/Pages/Art\\_Agree-EOP.aspx](https://education.ky.gov/CTE/ArtAgree/Pages/Art_Agree-EOP.aspx)).
- Marketing had the largest increase going from a 42% pass rate in 2023 to 68% in 2024! This is the highest pass rate percentage ever for Marketing. Their previous highest was 58% in 2018.
- Mechanical Engineering again had the highest total pass rate with a 75%.
- Marketing had the most students to test and pass.

2023

Assessment	Enrolled	Completed	Taking Now	Passed
Culinary and Food Services	15	5	0	2
Horticulture	14	8	0	5
Marketing	44	33	0	14
Mechanical Engineering	10	9	0	8
Web Development and Administration	23	9	0	4
<b>Totals</b>	<b>106</b>	<b>64</b>	<b>0</b>	<b>33</b>

Total Tested: 64

Total that Passed: 33

<b>HCHS - Total Percentage that Passed: 52%</b>	2023 Total State Percentage: 56%
Culinary and Food Services: 40%	State: 57% / Mean Score 68.08
<b>Horticulture: 63%</b>	<b>State: 40% / Mean Score 62.60</b>
Marketing: 42%	State: 59% / Mean Score 68.78
<b>Mechanical Engineering: 89%</b>	<b>State: 74% / Mean Score 68.78</b>
Web Development and Administration: 44%	State: 51% / Mean Score 66.99

- State Report – 2023 CTE EOP Assessment Results:  
[https://www.education.ky.gov/CTE/endofprog/Documents/2023\\_CTE-EOP\\_Assess\\_State\\_Rep.pdf](https://www.education.ky.gov/CTE/endofprog/Documents/2023_CTE-EOP_Assess_State_Rep.pdf)
- **HCHS’s 52% pass rate is an increase of 3% over 2022 and their 2<sup>nd</sup> highest based on available data (55% in 2018).**
- **33 is the 2<sup>nd</sup> highest number of students to pass the EOP at HCHS and earn articulated credit ([https://education.ky.gov/CTE/ArtAgree/Pages/Art\\_Agree-EOP.aspx](https://education.ky.gov/CTE/ArtAgree/Pages/Art_Agree-EOP.aspx)).**
- **Horticulture had the largest increase going from a 14% pass rate in 2022 to 63% in 2023!**
- **Mechanical Engineering again had the highest total pass rate going from 75% in 2022 to 89% in 2023!**
- **Marketing only dropped 1% from 2022 and had the most students to test and pass as a whole!**
- Culinary had a decrease of 27% from 2022.
- Web Development and Administration had a decrease of 20% from 2022.

Assessment	Enrolled	Completed	Taking Now	Passed
Culinary and Food Services	27	9	0	6
Horticulture	18	14	0	2
Marketing	55	37	0	16
Mechanical Engineering	15	12	0	9
Web Development and Administration	30	14	0	9
<b>Totals</b>	<b>145</b>	<b>86</b>	<b>0</b>	<b>42</b>

Total Tested: 86

Total that Passed: 42

HCHS - Total Percentage that Passed: 49%	2022 Total State Percentage: 57%
<b>Culinary and Food Services: 67%</b>	<b>State: 58% / Mean Score 68.67</b>
Horticulture: 14%	State: 29% / Mean Score 59.15
Marketing: 43%	State: 59% / Mean Score 69.21
<b>Mechanical Engineering: 75%</b>	<b>State: 75% / Mean Score 74.71</b>
<b>Web Development and Administration: 64%</b>	<b>State: 59% / Mean Score 70.06</b>

- State Report – 2022 CTE EOP Assessment Results:  
[https://education.ky.gov/CTE/endofprog/Documents/2022\\_CTE-EOP\\_Assess\\_State\\_Rep.pdf](https://education.ky.gov/CTE/endofprog/Documents/2022_CTE-EOP_Assess_State_Rep.pdf)
- **Three out of our five programs met or exceeded the state EOP Assessment state average: Culinary and Food Services, Mechanical Engineering and Web Development and Administration**
- **HCHS's 49% pass rate is their 2<sup>nd</sup> highest based on available data (55% in 2018) and an increase of 2% from 2021 and 19% from 2019 (HCHS did not test in 2020). 42 is by far the highest total number of students to pass and earn articulated credit ([https://education.ky.gov/CTE/ArtAgree/Pages/Art\\_Agree-EOP.aspx](https://education.ky.gov/CTE/ArtAgree/Pages/Art_Agree-EOP.aspx)) in a single year. Note that students were required previously to earn 3 credits in a pathway before becoming eligible to test. That has been reduced to 2 credits (to become a concentrator) and allows for more students to test.**
- **Culinary increased 17% over 2021 (67% / 50%)**
- **Marketing increased 18% over 2021 (43% / 25%)**
- Horticulture decreased 19% from 2021 (14% / 33%) \*Staff change
- Web Development and Administration decreased 11% from 2021 (64% / 75%) \*Still exceeded state averages
- This is the first year an EOP has been available for **Mechanical Engineering**; congratulations on a 75% pass rate!
- Looking ahead to 2022-23, our goals are to meet or exceed averages for each pathway and the state as a whole.

**2021**

Assessment	Enrolled	Completed	Taking Now	Passed
Computer Programming	4	0	0	0
Culinary and Food Services	13	8	0	4
Horticulture	14	6	0	2
Marketing	56	8	0	2
Web Development/Administration	10	8	0	6
<b>Totals</b>	<b>97</b>	<b>30</b>	<b>0</b>	<b>14</b>

Total Tested: 30

Total that Passed: 14

HCHS - Total Percentage that Passed: 47%	2021 Total State Percentage: 59%
Culinary and Food Services: 50%	State: 56%
Horticulture: 33%	State: 32%
Marketing: 25%	State: 62%
Mechanical Engineering: *	State: *
Web Development and Administration: 75%	State: 61%

**2020 – HCHS did not get to test in 2020**

HCHS - Total Percentage that Passed:	2020 Total State Percentage: 51.9%
Culinary and Food Services:	State: 48.5%
Horticulture:	State: 29.8%
Marketing:	State: 53.9%
Mechanical Engineering: *	State: *
Web Development and Administration:	State: 57.1%

2019

Assessment	Enrolled	Completed	Taking Now	Passed
Administrative Support	2	1	0	1
Culinary and Food Services	5	3	0	1
Horticulture	8	6	0	1
Marketing	12	7	0	2
Web Development/Administration	3	3	0	1
<b>Totals</b>	<b>30</b>	<b>20</b>	<b>0</b>	<b>6</b>

Total Tested: 20

Total that Passed: 6

HCHS - Total Percentage that Passed: 30%	2019 Total State Percentage: 56%
Administrative Support: 100%	State: 55%
Culinary and Food Services: 33%	State: 59%
Horticulture: 16%	State: 37%
Marketing: 29%	State: 62%
Mechanical Engineering: *	State: *
Web Development and Administration: 33%	State: 64%

2018

Assessment	Enrolled	Completed	Taking Now	Passed
Allied Health	8	6	0	1
Automotive Technology	3	1	0	0
Collision Repair	19	16	0	2
Computerized Manufacturing and Machining	9	6	0	0
Construction	16	14	0	4
Culinary and Food Services	10	7	0	1
Manufacturing	2	2	0	0
Marketing	21	19	0	11
Web Development/Administration	10	10	0	8
Welding	11	8	0	0
<b>Totals</b>	<b>109</b>	<b>89</b>	<b>0</b>	<b>27</b>

Total Tested: 36

Total that Passed: 20

\*Vocational excluded

HCHS - Total Percentage that Passed: 55%	2018 Total State Percentage: Not available
Culinary and Food Services: 14%	State:
Horticulture: *	State:
Marketing: 58%	State:
Mechanical Engineering: *	State:
Web Development and Administration: 80%	State:

2017

Assessment	Enrolled	Completed	Taking Now	Passed
Administrative Support	6	1	0	0
Allied Health	12	8	0	1
Automotive Technology	14	2	0	0
Collision Repair	14	12	0	0
Computerized Manufacturing and Machining	15	10	0	1
Construction	33	24	0	8
Culinary and Food Services	13	5	0	1
Marketing	13	11	0	5
Welding	10	8	0	0
<b>Totals</b>	<b>130</b>	<b>81</b>	<b>0</b>	<b>16</b>

Total Tested: 17

Total that Passed: 6

\*Vocational excluded

HCHS - Total Percentage that Passed: 35%	2017 Total State Percentage: Not available
Administrative Support: 0%	State:
Culinary and Food Services: 20%	State:
Horticulture: *	State:
Marketing: 45%	State:
Mechanical Engineering: *	State:
Web Development and Administration: *	State: