Career and Technical Sciences Division

APRIL 13, 2023

Career and Technical Sciences Division Highlights

➢ One of four instructional divisions

➢ 20 Programs at four CCC locations plus Hastings High School

➢ Several pathway programs are area high schools

➢ Some programs at a single location, some multi-campus/center

➢ Most programs have classes that are a blend of classroom and hands-on learning

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Career and Technical Sciences
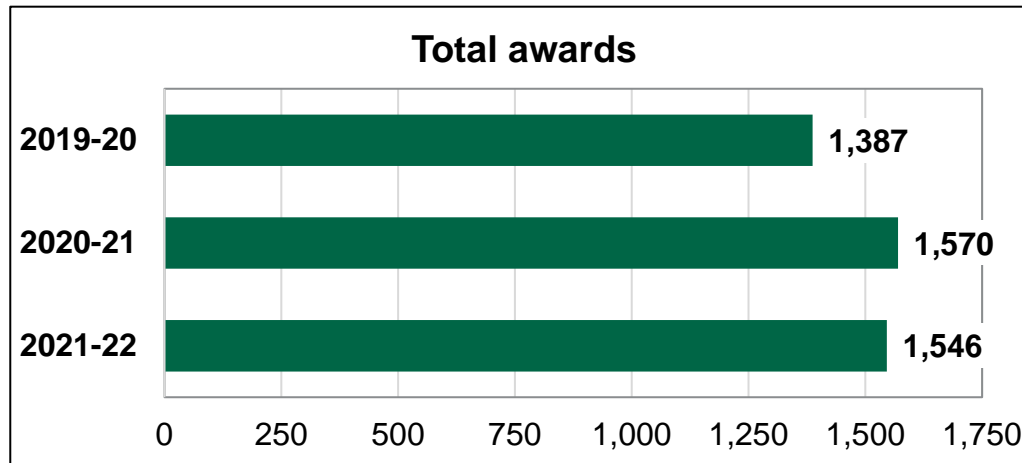# Who are We?

Advanced Manufacturing	Criminal Justice	Energy Technology	Information Technology
Agricultural Sciences	Drafting and Design	Heavy Equip. Operator	Media Arts
Autobody Technology	Diesel Technology	Hospitality and Culinary	Quality Technology
Automotive Technology	Electrical Technology	HVAC	Truck Driving
Construction Technology	Environ. Health & Safety	Mechatronics	Welding Technology

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Career and Technical Sciences Graduates

➢Most programs are laddered from a one semester certificate for a specific skill set in the program to a one-year diploma to a two-year AAS degree.

➢Most programs lead to an Associate of Applied Science (AAS) degree, TRUK offers a certificate in six-weeks and many HEOT students complete a one-year diploma.

➢Students are in high demand and are sometimes presented with industry opportunities/employment before completion of an AAS degree.

Total awards

Year	Total awards
2019-20	1,387
2020-21	1,570
2021-22	1,546

0   250   500   750   1,000   1,250   1,500   1,750

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CCC Cyber Security

Cyber Skills for All: Community Colleges Lead the Way

American Association of Community Colleges and Microsoft® Announce

Program Participants:

Three cohorts per year for 3 years

Fourteen community colleges add per year

A total of 42 Community Colleges nationwide at the end of year 3

Goals:

Increase interest, awareness, and skills in the cybersecurity field

Provide collaboration and sharing among the colleges involved

Grow the labor force in this high-demand field

US Outlook Need:

- IT Security Analysts' jobs growth 33% by 2030

- 3.5 Million Openings in 2025

- 10th fastest growing occupation over the next decade

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CCC Cyber Security

Cyber Skills for All: Community Colleges Lead the Way

Resources Provided:

$20,000 first-year seed money

Sharing of ideas and best practices

Networking with the best IT programs in the country

Impacts:

Scholarships for students

Upskill existing IT professionals

Resources to expand defend and attack lab environment

Grow enrollment in the IT program cybersecurity offerings

CCC Electrical Technology

Full-time Instructors: Jeff Cox, Jim Cox, Brian Hansen

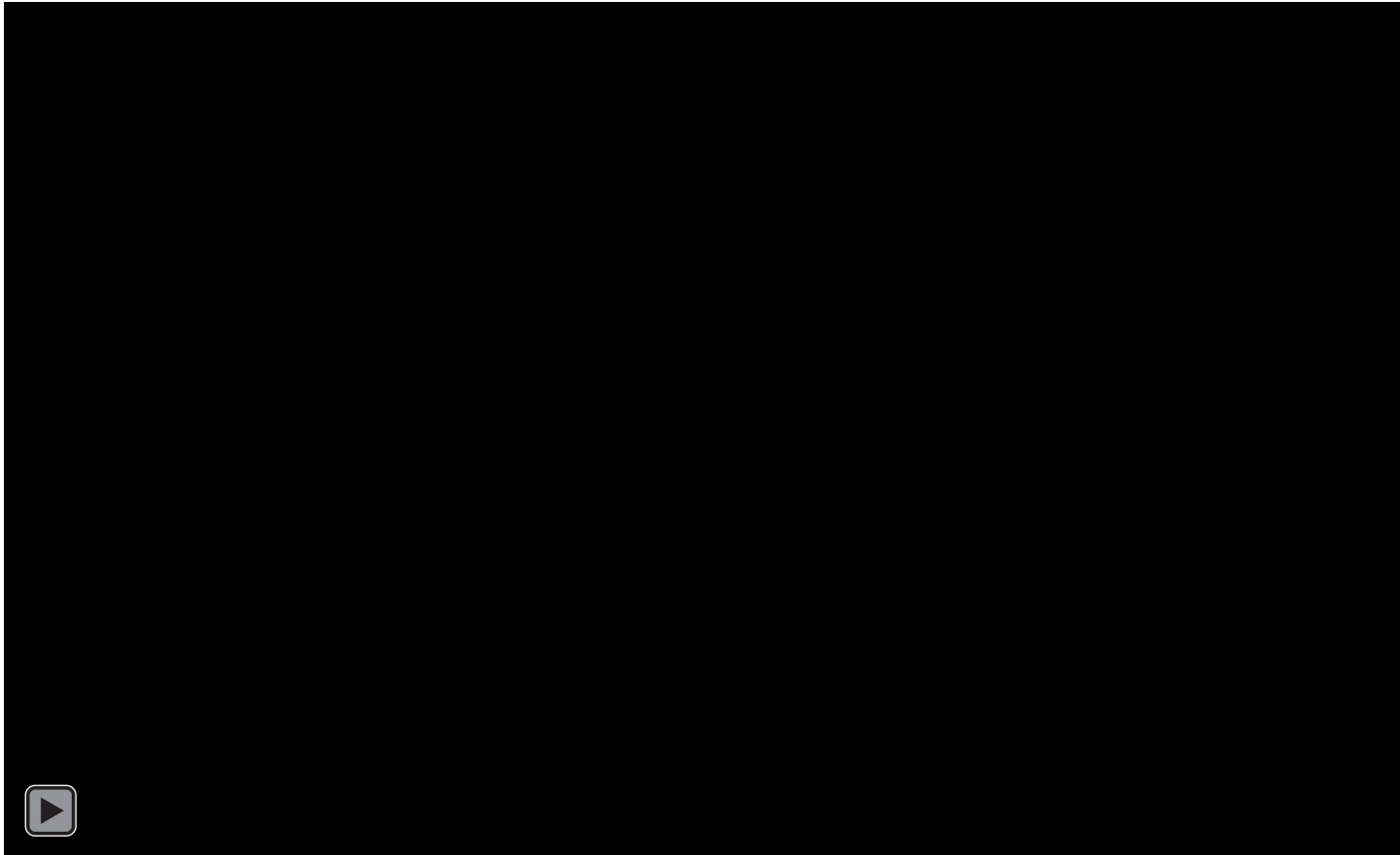Students: Chase Johnson, Caleb Weisheit, Jorge Salines Balderas

Townhome Project Highlights:
-Actual Job Site
-Install Service into unit
-Wire HVAC equipment at unit
-ELTR Inspector Interaction

CCC Electrical Technology

Crime House Open House

SkillsUSA

SkillsUSA 2023

Held in Grand Island April 13 – 15 at Fonner Park, CCC – GI Campus, and GISH-CPI

CCC Student Participating from All Three Campuses

CCC Faculty and Staff from Columbus, Grand Island, Hastings, and Kearney serving as Contest Coordinators, Judges, and others Volunteering

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Signing Days

Signing Days 2023

➢Ceremonial event to provide recognition for incoming students to CCC

➢Students register for Fall 2023 classes and connect with their program instructors

➢Students are also able to connect with services at CCC

➢Hastings –April 13

➢Columbus –April 18

➢Hastings – April 19

➢Grand Island –April 20

➢Kearney – April 21

➢2023 is the fourth year for signing day (began 2019, missed 2020 due to COVID)

➢More divisions and programs participating in signing days

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