



CRE Development

March Board Meeting

Points of Discussion

Proposed CRE Cluster and Pathways

CAU Current Clusters & Pathways 2023-2024

Utah Industry & Earnings Comparison

State Program Approval and Funding Requirements

CAU Class offerings

CAU 8th Grade Advising

Utah Tech College Outreach

Concurrent Enrollment Opportunities

Proposed CRE Clusters & Pathways

Industrial Construction:

- Engineering & Technology
- Advanced Manufacturing
- Heavy/Civil Construction Operations (Heavy Machine Operations PA)

Health and Human Services:

- Certified Nurse Assistant (CNA)
- Pharmacy Technician

CAU Clusters & Pathways 2023-2024

Industrial Construction

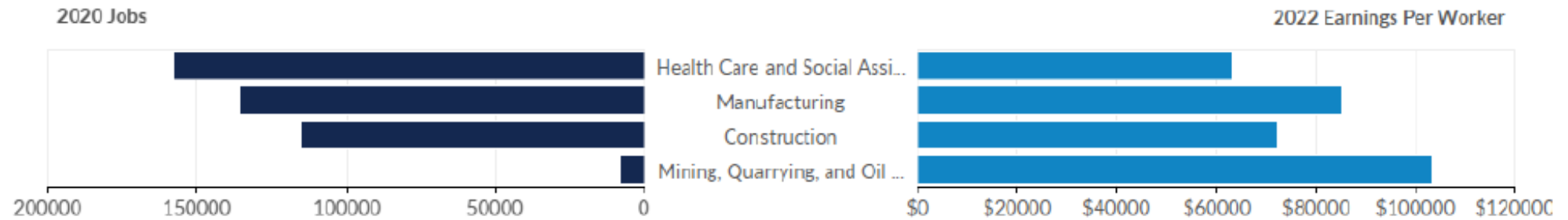
- Engineering & Technology
- Advanced Manufacturing
 - ❖ In development with USBE
- Heavy/Civil Construction Operations (Heavy Machine Operations PA)
 - ❖ In development with USBE

Health Science:

- Certified Nurse Assistant (CNA)
- Pharmacy Technician

Utah Industry and Earning Comparison


Industry Group Jobs and Earnings Comparison



Group	2020 Jobs	2023 Jobs	Earnings Per Worker	Establishments
Health Care and Social Assistance	157,660	173,340	\$63,078	12,622
Manufacturing	135,571	153,875	\$85,149	5,072
Construction	115,416	132,627	\$72,150	14,366
Mining, Quarrying, and Oil and Gas Extraction	8,656	9,754	\$103,280	554

State Funding- HS Approved Programs

Rule R277-911
 Minimum requirement for approved CTE program



Weighted Pupil Unit (WPU) Verification Requirements

Board Rule R277-911

<u>WPU</u>	<u>CTSO</u>	<u>Cluster Areas</u>	<u>Courses</u>	<u>Pathway Concentration</u>	<u>Pathway Completion</u>	<u>Other</u>
10	1	2	6	± 2	1	
15	1	3	9	± 3	1	
20	2	4	12	± 4	2	
25	3	5	15	± 5	3	
10, 20, 25						CTE Director Administration
40						District Tech Center

Manufacturing & the Trades CTE Pathway

<i>*In development to be approved by USBE</i>
Heavy/Civil Construction Operations
Manufacturing Explorations
Basic Grade & Construction Math
Construction Equipment Fundamentals
Basic Maintenance
CTE Internship
Certificate

<i>*In development to be approved by USBE</i>
Advanced Manufacturing
Manufacturing Explorations
Intro to Advanced Manufacturing
Technician Safety & Fundamentals
Manufacturing Tools & Processes
CTE Internship
Certificate: NOCTI Manufacturing Technology

Manufacturing & the Trades CTE Pathway

Engineering Technology
Engineering Technology
CAD Mechanical Design 1
Robotics 1
Robotics2
Engineering Capstone
Certificate: NOCTI Pre-Engineering/Engineering Technology

Health Science CTE Pathway

Health Science- Pharmacy Tech
Introduction to Health Science
Medical Terminology
Medical Anatomy and Physiology
Nurse Assistant (CNA)
CTE Internship
Certificate: NOCTI Nursing Assistant (Job Ready Assessment)

Health Science- Nursing (CNA)
Introduction to Health Science
Medical Terminology
Medical Anatomy and Physiology
Pharmacy Technician
CTE Internship
Certificate: PTCB Certified Pharmacy Technician (CPhT)

8th Grade Advising

Currently 37 students enrolled in 8th grade

Informational fliers, email, newsletter to families

February 23rd -“What to Expect Your Freshman Year”
Assembly with all 8th grade students and parents

March-Individual Plan for College & Career Readiness
meetings with 8th grade students and parents held

Industry Outreach

Industry Outreach

- Advisory Council members
 - Meet 3-4 in SY 23-24
- Industry chats/presenters to students
 - Focus on educating students in CAU current & future pathways
 - Heavy/Civil Construction Operations
 - Advanced Manufacturing
 - Mining & Quarry
 - Health Science

Onsite/Virtual field trips

Utah Technical College Outreach

- Outreach has started with Technical Colleges
- Site visit with Uintah Basin Technical college
 - Scheduled on March 27th
- Scheduled meeting with Davis Tech

USU Concurrent Enrollment

- Fully online college classes offered
 - Students log into Canvas
 - University instructor lead
- Requirements:
 - Grades 10-12
 - GPA 3.0
 - HS Counselor approval
 - \$5 a credit
- Contracts sent out in May
 - Due by June 1st
- Online Classes:
 - LAEP 1030, Hist 1700, Music 1010, Bio 1010, Phys 1010, FCSE 1350, ART 1010, CS 1030, POLS 1100, STAT 1040, Math 1050 (Spring only)

