UTAH SYSTEM OF HIGHER EDUCATION

FY 2023-24 Technical College Project Requests

Requests

Institution	Capital Project	Amount
Bridgerland Technical College	Manufacturing & Construction Reno.	$24,749,979
Davis Technical College	Emergency Services Training Center	4,225,840
Dixie Technical College	Trades & Technology Building	46,625,158
Mountainland Technical College	Wasatch Campus Building	65,737,403
Ogden Weber Technical College	Pathway Building	79,293,838
Uintah Basin Technical College	Health Science Building	73,495,739
		$294,127,957

OCHE Initial Score (guidelines on following page)

Project	Econ.	Space	Util.	Non-funct.	Cost Eff.	Alt. Funds	Initial Score
BTech Manufacturing & Construction Reno.	25	6	13	0	2	0	46
DTech Emergency Services Training Center	15	12	15	0	4	1	47
DxTech Trades & Technology Building	25	9	10	0	5	0	49
MTech Wasatch Campus Building	25	12	13	0	5	0	55
OTech Pathway Building	25	10	13	0	5	0	53
UBTech Health Science Building	25	2	13	0	4	0	44

Tech Colleges Dedicated Capital Projects Fund Current (FY 23) and Anticipated Status (FY 24)

2022 General Session: FY 23				2023 General Session: FY 24	
Base Approp.	Additional Approps. To Fund	Additional Approps. From Fund	Balance	Base Approp. (e)	Balance (e)
$19,310,300	$81,037,000	$(93,037,000)	$7,310,000	$19,310,300	$26,620,300
	Mountainland Tech	*$(47,922,000)*			
	Tooele Tech	*$(24,749,000)*			
	Davis Tech	*$(20,366,000)*			

(e) = estimate based on anticipated base budget appropriation

Capital Development Priority Guidelines: Prioritization

Initial Score (75% of Final Score)

Industry/Economic Demand (25% of Final Score)

How the project fulfills Utah industry/economic demand.

5 points (unweighted): Majority of programs supported by project on High-Yield Award List (*High Yield*)

4 points: Majority of programs supported by the project lead to jobs within GOEO's targeted industries (*GOEO)* and/or lead to jobs paying at or above the local or statewide average wage (*Wage +*)

3 points: Majority of programs supported by the project lead to jobs of significant importance as evidenced by local employers (*Locally Significant)*

2 points: Less than majority but a significant number of programs supported by the project are High Yield, GOEO, Wage +, and or Locally Significant

1 point: Some programs supported by the project are High Yield, Wage +, GOEO, and or Locally Significant

0: No evidence that project supports industry/economic demand

Utilization (15% of Final Score)

Utilization of existing space in the project's category(ies) based on the Board's Room Utilization Rate (RUR) standards.

15 points: >= 100% of RUR standard

(0.5 points per additional 1% of RUR standard above 70%)

0 points: <70% of RUR standard

Space Need (15% of Final Score)

How the project addresses an institution's existing space needs in the project's space category(ies).

Points allocated based on % of classroom, teaching lab, open lab, automotive/construction/and research lab space need that the project addresses

Imminent Non-functionality (10% of Final Score)

If the project addresses building conditions that have reached a level of imminent non-functionality on account of a catastrophic event or critical life safety, fire, or seismic deficiencies

0 points for most projects; it is anticipated that points will be awarded in rare circumstances, based on consultation with DFCM

Cost Effectiveness (5% of Final Score)

Cost-effectiveness of the project based on the DFCM cost database (all projects must meet standard of cost-effectiveness established in Board Policy R741, Threshold Requirements for Capital Development Project Requests)

3 points (unweighted): Cost per square foot for project type less than or equal to DFCM cost database average

2 points: Cost per square foot for project type between 100% and 110% of DFCM cost database

1 point: All other projects

Alternative Funds (5% of Final Score)

Share of project's costs supported by alternative funds (including value of land donations)

	Research	Regional	Community/Tech
5 points:	75% or more	61% or more	47% or more
4 points:	50% - 74.9%	41% - 60.9%	32% - 46.9%
3 points:	30% – 49.9%	25% - 40.9%	20% - 31.9%
2 points:	10% - 29.9%	9% - 12.9%	8% - 10.9%
1 point:	5% - 9.9%	5% - 8.9%	3% - 7.9%

Board Assessment (25% of Final Score)

The Board may award additional points if the weighted initial score exceeds 40 points.

Each Board member will submit an anonymous scoring sheet that assesses the degree to which the project advances each of the access, affordability, completion, and workforce alignment pillars of the Board's strategic plan.

4 points (unweighted): Project will significantly advance pillar

3 points: Project will moderately advance pillar

2 points: Project will somewhat advance pillar

1 point: Project will slightly advance pillar

Technical College Capital Requests

Bridgerland Technical College – Manufacturing & Construction Program Renovation

Project Cost Estimates			
State Funds	Other Funds	Total Project Cost	O&M Funds
$24,749,979	$0	$24,749,979	$366,282

Project Space - Gross Square Footage			
New	Renovated	Demolished	Cost per SqFt
14,900	36,900	0	$340.31

Distribution of Assignable Square Footage				
Class	Lab	Study	Other	Total
11.6%	42.5%	3.0%	42.9%	100.0%

Manufacturing is the Bear River region's largest and fastest growing industry sector. It makes up 23% of the region's workforce and 35% of the wages paid. The Bear River region has the lowest unemployment rate in the nation, which makes it essential to cultivate a pipeline of students into manufacturing, automation, and construction careers to provide employers with the necessary workforce.

This project will also address critical program adjacencies designed to improve overall efficiencies for the college. Automation equipment can be expensive so moving like programs by like programs eliminates or significantly reduces the need to duplicate equipment in each program. The college has worked hard over the past decade to collaborate with local high schools, other technical colleges, and degree-granting institutions across the state to maximize improvements to curriculum development. In addition, cultivating a pipeline of new students and workforce begins in the ten area high schools. We have not only maximized the use of our facilities, but we have developed a relationship with all of the high schools in the Bear River region to utilize their space in the early morning and after-school hours. Using a combination of learning management systems and remote delivery technology, the college broadcasts automation training into ten area high schools.

2017-2022 Legislative Funding

2021	Health Science and Technology Building	$38,059,600
2022	Land Bank	$16,500,000

Davis Technical College – Emergency Services Training Center

Project Cost Estimates			
State Funds	Other Funds	Total Project Cost	O&M Funds
$4,225,840	$446,290	$4,672,130	$37,457

Project Space - Gross Square Footage			
New	Renovated	Demolished	Cost per SqFt
6,071	0	0	$568.15

Distribution of Assignable Square Footage				
Class	Lab	Study	Other	Total
0.0%	98.1%	0.0%	1.9%	100.0%

Davis Technical College has been teaching and preparing firefighters for the State of Utah for the past 15 years. The Firefighter program is required to provide significant hands-on training that is currently scheduled with a leased training center owned and operated by Layton City. Access to Layton City's training center is limited and prohibits the growth of the Firefighter program at Davis Technical College.

This proposed project is an Emergency Services Training Center that will include two new facilities:

1) Fire Tower

2) Apparatus Storage Facility

These proposed facilities will include state-of-the-industry training opportunities for the following programs at Davis Technical College: Firefighter, Emergency Medical Technician (EMT), and Advanced Emergency Medical Technician.

The Davis Tech Firefighter program accommodates 25 students per session, with two sessions per year. Once the training center is complete, daytime sessions will be opened to an additional 50 students. Once the program reaches 100 students per year, the training center will be at capacity (in approximately three to five years).

2017-2022 Legislative Funding

2018	Allied Health Building	$34,364,500
2021	Land Purchase	$1,000,000
2022	Campus Renovations Phases	$20,366,000

Dixie Technical College – Trades & Technology Building

Project Cost Estimates			
State Funds	Other Funds	Total Project Cost	O&M Funds
$46,625,158	$1,000,000	$47,625,158	$608,909

Project Space - Gross Square Footage			
New	Renovated	Demolished	Cost per SqFt
74,991	0	0	$476.02

Distribution of Assignable Square Footage				
Class	Lab	Study	Other	Total
15.2%	50.9%	4.3%	29.7%	100.0%

The purpose of the project is to provide much needed space to expand the College's offerings in order to meet local industry demand. The expansion will include a Trades and Technology building that will house 15,700 sq feet of new Construction Technology classrooms and labs, 14,500 sq feet for a new Diesel Technician Lab and classrooms, and 28,500 sq feet in new Computer Technology labs and classrooms. The space currently dedicated to these programs will be used for program expansion in the medical/healthcare programs, welding, CNC machining, and collision repair programs.

The Dixie Tech permanent campus was completed in late 2017. At the time, 162,000 sq. ft. of new space, plus the remodeled terminal, were expected to meet projected growth for the next ten years. Once settled into the permanent space, student enrollment and industry demand have grown at unexpected and unprecedented rates. Program headcount is up 39.7%, and Membership Hours are up 51.4% over the three years we have occupied the new space. Not only is our graduation rate at an impressive 78%, but the number of graduates also grew astronomically from 341 in F.Y. 2020 to 549 in 2021, a 61% increase in the number of graduates in one year.

Mountainland Technical College – Wasatch Campus

Project Cost Estimates			
State Funds	Other Funds	Total Project Cost	O&M Funds
$65,737,403	$914,000	$66,651,403	$848,202

Project Space - Gross Square Footage			
New	Renovated	Demolished	Cost per SqFt
101,647	0	0	$475.15

Distribution of Assignable Square Footage				
Class	Lab	Study	Other	Total
22.8%	40.3%	0.0%	36.9%	100.0%

MTECH is proposing the construction of a new campus in Heber. The building is proposed at 101,647 square feet and will house a variety of programs offered by MTECH. A portion of the land for the campus is being donated to the College for the purpose of building the campus. The property is bare and there are no structures that would need to be demolished. All utilities are or will be located adjacent to the property. The site is adjacent to a proposed site for a new high school in the Wasatch School District. The proximity to the high school will allow for increased secondary student participation in the region.

Programs to be taught in the new construction include welding, diesel, automotive, apprenticeships, information technology, digital marketing and analytics, nurse assistant, medical assistant, culinary arts, and any other programs deemed necessary through the programming process. The program capacity will increase in all programs that currently have insufficient capacity to meet the demands of business and industry.

The regional workforce demand over the next ten years is fueled by a regional population growth rate of 26%. With a projected population of over 100,000 (Chmura, 2022) by 2032, the Wasatch/Summit area will be the second largest non-Wasatch front region in Utah, just behind Washington and Iron Counties which currently have their own Technical Colleges.

2017-2022 Legislative Funding

2018	Thanksgiving Point Campus Technical Trades	$33,000,000
2022	Payson Campus	$47,922,000

Ogden Weber Technical College – Pathway Building

Project Cost Estimates			
State Funds	Other Funds	Total Project Cost	O&M Funds
$79,293,838	$0	$79,293,838	$630,123

Project Space - Gross Square Footage			
New	Renovated	Demolished	Cost per SqFt
121,798	0	0	$501.29

Distribution of Assignable Square Footage				
Class	Lab	Study	Other	Total
17.2%	18.8%	4.8%	59.3%	100.0%

Since its inception in 1971, OTECH has been grounded in one primary goal: to provide world-class technical training for the community. Thousands of lives have been changed through technical education, and OTECH is committed to the success of students and employers. To ensure that success, capacity must be expanded to meet current workforce needs and prepare for projected growth. Community members are waiting to enroll, and employers are waiting to hire graduates.

The college's overall FY22 fall enrollment increased by 11.68% and high school student enrollment increased 25%. OTECH served 5,869 students in FY22--33% of whom were from historically underrepresented groups---and awarded 1,016 certificates. The student body is growing rapidly while room is limited and cobbled together in multiple locations to accommodate students. Industry apprenticeship training is full with waiting lists and other high demand programs are at capacity. Business, Computer

Programming, Graphic Design, Real Estate, Plumbing Apprenticeship and Electrical Apprenticeship will be expanded to serve an additional 900 students. While more students are enrolling and graduating than ever, there are still not enough graduates to meet industry demand. Going forward, the college is on track for even more growth, and new classrooms will allow program expansion and certificate completions where demand outpaces capacity.

2017-2022 Legislative Funding

OWTech	2017	Business Depot Improvement	$6,586,500

Uintah Basin Technical College – Health Science Building

Project Cost Estimates			
State Funds	Other Funds	Total Project Cost	O&M Funds
$73,495,739	$0	$73,495,739	$937,057

Project Space - Gross Square Footage			
New	Renovated	Demolished	Cost per SqFt
91,000	0	4,290	$603.74

Distribution of Assignable Square Footage				
Class	Lab	Study	Other	Total
17.2%	31.4%	4.0%	47.4%	100.0%

The mission of UBTech is to provide technical education to both secondary and adult students, to fulfill labor market needs, and to promote economic development in the Uintah Basin.

The new Health Science Building includes space for expanding student capacity of the college's existing healthcare related programs and courses. UBTech is a critical workforce development partner for Northeastern Utah, providing nearly 90% of the support staff for medical centers, long-term care facilities, Indian Health Services, dental practices and government related healthcare support services.

UBTech projects the capability of doubling program graduates as a result of the building's additional capacity, in the following program areas: Practical Nursing, Medical Assistant, Nursing Assistant, Pharmacy Technician, Surgical Technician, Line Cook, Culinary Arts, Anatomy and Physiology, Sports Medicine, Exercise Science, Medical Terminology and Medical Math. The following programs will be added to support the workforce needs of the healthcare professions in our service region (Daggett, Duchesne, Uintah Counties) upon completion of the project: Dental Assistant, EMT/Paramedic, Ultrasound Technician and Meat Science programs.

2017-2022 Legislative Funding

Welding Technology Building	$4,525,100

Legislative Funding History 2017-2022

Institution	Year Funded	Building/Project	Funded Amount	Funded O&M
USU	2017	Biological Sciences Building	$10,000,000	
UVU	2017	Performing Arts Building	$10,000,000	
UU	2017	Medical Education and Discovery Complex	$5,000,000	$473,400
OWTech	2017	Business Depot Improvement	$6,586,500	$336,200
DSU	2017	Human Performance Center	$8,000,000	$595,000
WSU	2017	Social Sciences Building (Lindquist Hall)	$14,000,000	$432,200
UBTech	2017	Welding Technology Building	$4,525,100	
Snow	2017	Land Bank	$555,000	
			$58,666,600	**$1,836,800**
UU	2018	Medical Education and Discovery Complex	$45,000,000	
DSU	2018	Human Performance Center	$17,000,000	
Dtech	2018	Allied Health Building	$34,364,500	$661,300
MTech	2018	Thanksgiving Point Campus Technical Trades	$33,000,000	$683,700
WSU	2018	Social Sciences Building (Lindquist Hall)	$15,940,000	
USU	2018	Biological and Natural Resources Building	$23,000,000	$211,700
Snow	2018	Stadium and Sports Complex	$5,000,000	
			$173,304,500	**$1,556,700**
DSU	2019	Human Performance Center (cost overrun)	$4,400,000	
Snow	2019	Stadium and Sports Complex (cost overrun)	$650,000	$50,000
USU	2019	Grand County USU Extension	$1,000,000	
DSU	2019	Science Building	$50,000,000	$821,300
WSU	2019	Noorda Engineering and Applied Science Building	$50,000,000	$659,200
UVU	2019	New Business Building	$50,000,000	$1,466,900
SUU	2019	Technology, Engineering & Design Building (design)	$2,000,000	
			$158,050,000	**$2,997,400**
SUU	2021	Academic Classroom Building	$43,013,700	$806,400
BTECH	2021	Health Science and Technology Building	$38,059,600	$624,000
UU	2021	Applied Sciences Building	$60,000,000	$646,500
USU	2021	Heravi Global Teaching & Learning Center	$14,500,000	$332,100
SLCC	2021	Herriman Campus General Education Builidng	$32,674,800	$1,026,500
DSU	2021	Land Bank	$15,000,000	
DTech	2021	Land Purchase	$1,000,000	
			$204,248,100	**$3,435,500**

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UVU	2022	Engineering Building	$80,000,000	$1,755,200
UU	2022	School of Medicine	$60,000,000	$162,100
UU	2022	Interdisciplinary Computing Building	$4,800,000	
UTU	2022	General Classroom	$56,085,000	$868,600
USU	2022	Veterinary School	$32,260,500	$194,600
USU	2022	Monument Valley	$5,000,000	
WSU	2022	David O McKay Education Building	$27,132,200	$171,200
SUU	2022	Music Center Renovation	$19,500,000	$164,000
SUU	2022	Stadium Flood Repair	$9,200,000	
SLCC	2022	Applied Technology Center	$5,000,000	
MTECH	2022	Payson Campus	$47,922,000	$798,700
DTECH	2022	Campus Renovations Phases	$20,366,000	$117,500
TTECH	2022	Building Expansion	$24,749,000	$597,400
BTECH	2022	Land Bank	$16,500,000	
			$408,514,700	**$4,829,300**