

Project Mission Statement

The new Tooele ATC will be...

Input from Civic Leaders

a project that:

- *Reaches out to all communities in Tooele County including considerations of extension facilities.*
- *Attracts new business to the community and promotes community economic development.*
- *Encourages research programs within its academic offerings, acting as a research facility and supporting research that affects local industry.*
- *Promotes a well trained and educated workforce including opportunities for re-training.*
- *Recognizes that the unique needs of Tooele County are different than the needs along the Wasatch front and may include such specialties as mining and agriculture.*
- *Utilizes high quality design standards in providing a first class facility that elevates the community through higher expectations and development goals.*
- *Sets a benchmark of quality education and facilities in the Tooele community that promotes expectations of the best that is available anywhere in the Intermountain West.*

Budget / Schedule

a project that:

- *Assists in securing alternative funding as a result of its architectural design and site layout.*
- *Obtains the maximum value for the available funding, allowing for high impact quality touches where they will be most effective.*

Community / Culture

A project that:

- *Reflects the Tooele County community through local art and photographic displays.*
- *Architecturally represents the concepts of openness and expanded opportunity within the facility.*
- *Seeks to symbolically and conceptually reflect that character of the Tooele Applied Technology Center within the architecture. Themes that may be appropriate include*

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patriotism, mining, pioneering, aviation, national defense, hard work, agriculture, history, the West, the Pony Express, etc. Additional character traits that could be represented in the architecture include flexibility, focused education, affordability, high tech, and modern.

- *Serves not just Tooele City, but the entire county.*
- *A design that encourages, allows, and promotes authentic learning, transformational learning, and delivers a variety of training that reaches out to all community members.*

Connections & Relationships

a project that:

- *Takes its place as a leader to grow the Tooele County economy and attract new business and industry.*
- *Emotes warmth, sharing, accommodation of needs, and a welcoming atmosphere.*
- *Strengthens community connections between the TATC and the Tooele School District, the Utah State University Tooele Regional Campus, and the community at large.*

Design / Aesthetics

a project that:

- *Stimulates learning and inquiry through appropriate use of art throughout the facility and the opportunity to glimpse into classrooms, labs, and training spaces from public corridors and hallways.*
- *Provides enough space for each program and its storage needs as well as space to display art, projects, and research.*
- *Is organized in a clear and understandable layout and pattern that makes it easy to navigate from one space to the other and know where you are within the building.*
- *Invites and welcomes all with an architectural design that infuses the spaces with natural light, connects the outdoors to the indoors with ample use of glass, encourages innovation and inquiry through stimulating, bright, and fresh colors and finishes, and provides comfort by means of a variety of spaces that meet the needs of a variety of student personalities and learning styles.*
- *Takes advantage of the surrounding vistas and natural beauty with view corridors that connect the interior to the exterior visually and physically.*
- *Celebrates student needs with a variety of lounge areas and spaces that are connected visually and physically to outdoor spaces and view corridors.*

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- *Reflects the feeling of high technology through the architectural design.*
- *Presents and aesthetic image that is attractive, unique, represents the traits of the TATC, and will endure and remain fresh over time.*
- *Recognizes the needs of instructors to recover, recoup, and prepare in an interesting and stimulating environment.*
- *Endows students and instructors with spaces that represent a professional environment and a professional demeanor.*
- *Creates a unique appearance that is recognizable as the Tooele Applied Technology College and also compliments the Tooele CLC and the future Utah State University Tooele Regional Campus.*
- *Configures creative lab spaces that are separated from classrooms physically yet linked to their classrooms visually.*

Environment / Sustainability

a project that:

- *Demonstrates through its architectural and systems design a high level of sustainability through maximum energy efficiency and operation, with a carbon footprint that approaches a net zero level of energy consumption.*
- *Designs its systems for potential future connection to a campus wide central heating and cooling plant.*

Functions / Programs

a project that:

- *Is inviting and accessible to all adults seeking to expand their learning and employment opportunities with skills and training that are practically grounded and provide saleable workforce training.*
- *Offers training and education within a higher education setting that are focused on employable skills within the community.*
- *Acknowledges its role in serving local business and industry in a facility that symbolically reflects business and industry within the architecture.*
- *Provides unique training opportunities that are not a duplication of what is already available at the Tooele Community Learning Center.*
- *Empowers students with multiple pathways and opportunities for viable professions and workforce skills suited to their needs, learning style, timeline, and personal resources.*

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- *Responds to Tooele County community needs with programs and services that will support and reinforce local business and industry.*
- *Seeks for opportunities to deliver leadership training and mentoring among peers.*
- *Incorporates formal and informal spaces to meet students needs, including student services, student lounges, and student collaboration spaces.*
- *Provides a professional and uplifting environment for education, training, and workforce development.*
- *Recognizes its role in strategic growth and development of business, industry, the local economy, and community life.*
- *Creates learning environments, classrooms, and labs that are architecturally appropriate for the specific curriculum and pedagogy being delivered. Spaces within the facility will include professionally sized offices for faculty and staff, needed break areas, spacious lobbies and lounges, topic specific labs, multi-use general classrooms, and ample space for large equipment and object based learning needs.*

Operations / Maintenance

a project that:

- *Considers space for a child care facility within the TATC.*
- *Creates systems and infrastructure that are efficient, economic, and easy to maintain.*
- *Designs the facility with clear, obvious, strategically located, and ergonomically suitable operations controls and monitors.*
- *Welcomes students, faculty, staff, and visitors through obviously recognizable entries located strategically around the building near parking areas and pedestrian pathways.*

Project Process

a project that:

- *Achieves legislative support for financial appropriations and ultimate construction of the facility.*
- *Complements the Tooele Community Learning Center without duplicating it.*

Safety / Security

a project that:

- *Protects occupants through means of security systems including cameras.*
- *Enhances student security and comfort with technology as well as through architectural design of the building and the site.*

Site / Master Plan

a project that:

- *While maintaining its own identity, programs, and services, symbolically links to other community resources, acting like a bridge to promote individual and community growth.*
- *Delivers education and training based upon a foundation that has been established by other institutions (such as the Tooele CLC) and embeds within the students a love of life-long learning and an understanding of how to acquire the knowledge and skills they desire at partnering institutions (such as USU).*
- *Embodies the principles of nimbleness and adaptability into the architecture with the ability to be flexible to serve current and future needs and to accommodate expansion for future growth.*
- *Creates a vibrant hub where training and research come together to develop a uniquely qualified workforce with relevant skills and an inquisitive and searching intellect.*
- *Expands opportunities for students faculty, and staff through facilities that provide educational and training prospects that are not currently available but will become available in the future.*

Technology

a project that:

- *Incorporates technology systems and infrastructure for current needs and equipment options while being open to future advancements and improvements in educational technology systems, including distance learning opportunities.*
- *Considers incorporation of a broadcast facility as part of the curricular offerings.*
- *Utilizes state of the art equipment and is designed to allow compatibility with future systems.*

ID #	Group / Space	UCAT STD	Qty.	NSF/Space	NSF	Remarks
A Programs						
A101	Business Technology Lab	800	1	800	800	
A102	BT office	130	1	130	130	
A103	IT	1,600	1	1,400	1,400	incl. storage
A104	IT Office	130	1	130	130	
A105	Medical Assisting Lab	2,000	1	1,400	1,400	ref. Tooele CLC
A106	Medical Assisting Classroom	750	1	750	750	UCAT standard: 16 students per instructor; 125 SF / student.
A107	MA office	130	1	130	130	
A108	Cadaver Lab-USU		1	500	500	2 cadavers; 6 students per; 20 sf / student. Sink, no white board or AV; corpse work only
A109	LPN/RN Lab	2,000	1	1,400	1,400	ref. Tooele CLC
A110	LPN/RN Classroom	750	1	750	750	
A111	LPN/RN Offices (2)	260	2	130	260	
A112	Welding Lab	8,100	1	4,000	4,000	incl. storage & receiving area; 20 students; 10' x 18' per student + storage
A113	Welding Office	130	1	130	130	
A114	Multipurpose Classrooms (3)	2,250	3	750	2,250	combine to form large gathering space for 200 (Recognition Ceremonies, etc.); higher ceiling; upgraded finishes
A115	Diesel	12,800	1	5,000	5,000	incl.storage & receiving area; 1 bay of 14' x 55'; 3 bays of 14' x 30'; share storage with construction technologies?
A116	Diesel Classroom	750	1	750	750	
A117	Diesel Office	130	1	130	130	
A118	Compact Equipment & Rec Repair		1	1,800	1,800	16 students; 50 SF / students; storage; ATV bay?
A119	Compact Equipment & Rec Repair Classroom	750	1	750	750	
A120	CE & RR Office	130	1	130	130	
A121	Warehousing Lab	8,500	1	5,000	5,000	manufacturing; forklift operation; material handling; 10 students; original calc: 20 students at 425 SF / student
A122	Warehousing Classroom	750	1	750	750	
A123	Warehousing Office	130	1	130	130	
A124	CDL Office	130	1	130	130	
A125	Construction Technology Lab	8,100	1	2,000	2,000	incl. storage & receiving area; apprenticeships rather than construction lab; some materials storage outside if covered
A126	Construction Technology Classroom	750	1	750	750	
A127	Construction Technology Office	130	1	130	130	
A128	Green Technology Lab		1	1,200	1,200	incl. storage and receiving area
A129	Green Technology Classroom		1	750	750	
A130	Green Technology Office		1	130	130	
A131	USU Classrooms (2)	1,500	2	750	1,500	distance ed. function
A132	USU Offices (3)	390	3	130	390	

ID #	Group / Space	UCAT STD	Qty.	NSF/Space	NSF	Remarks
B Student Services						
B101	Media Center/Study Space		1	725	725	incl. storage and office; all electronic; quiet study space
B102	Assessment		1	800	800	testing center with proctor, separated by glass wall; 10 computers; possibly shared with USU
B103	Counselor Office	130	1	130	130	
B104	Bookstore		1	850	850	incl. storage
B105	Placement Center		1	750	750	career center; computers; resume writing
B106	Enrollment		2	80	160	2 people off main lobby, at counter
B107	SIS Office	130	1	130	130	
B108	Placement Office	130	1	130	130	
B109	VP Student Services Office	200	1	200	200	
B110	Storage/Student Records		1	180	180	
C Instruction						
C101	VP Instruction Office	200	1	200	200	
C102	Assistant Office	130	1	130	130	
C103	Curriculum Developer	130	1	130	130	
C104	Directors (2)	260	2	130	260	
C105	Faculty Room/Break/Exercise		1	800	800	
D Finances						
D101	Director Office	200	1	200	200	
D102	Large Office for 2-3 people		1	280	280	
D103	Storage/Records		1	180	180	
E Marketing						
E101	Staff Office	130	1	130	130	
E102	Workroom		1	500	500	large printers; self-produce marketing materials; storage
F IT Admin						
F101	Administrator Office	200	1	200	200	
F102	Assistant Office	130	1	130	130	
F103	Workroom/Storage		1	300	300	
G Administration & Support Staff						
F101	Campus President		1	200	200	
F102	Support Staff		1	80	80	
F103	Executive Conference Room		1	200	200	
F104	Reception / Waiting		1	150	150	

ID #	Group / Space	UCAT STD	Qty.	NSF/Space	NSF	Remarks
H						
H101	Conference/Board Room (20-30 people)		1	800	800	Incl. storage
H102	Kitchen/Laundry		1	800	800	event support; storage - linens; catering staging
H103	Lobby		1	1,800	1,800	
H104	Lounge		1	2,000	2,000	some will be prefunction for 3 connecting classrooms; other in pockets throughout building
H105	Vending Area/Tables		1	1,200	1,200	Students & others

Total Net Square Feet	55,940			50,175
Total Gross Square Feet	74,400			66,733 (1.33 grossing factor)
				0.75 efficiency (net/gross SF)
<i>Target Net Square Feet</i>				<i>50,188</i>
<i>Target Gross Square Feet</i>				<i>66,750</i>

Notes

- 1 Provide separate toilet rooms for faculty & staff
- 2 Is faculty workroom space sufficient?
- 3 Is general building storage needed?