

**Technology Master Plan  
For  
Trinidad State Junior College**

**Introduction**

Trinidad State Junior College's mission is to enrich our diverse communities through quality educational experiences and lifelong learning. We are committed to educating for the future and putting students first. The Information Technology (IT) services supports the mission by providing state of the art hardware and resources utilizing general funds as well as seeking state and federal funding whenever possible.

Grant funding, over the past few years, has allowed TSJC to make several upgrades to the technology infrastructure. These new technologies and equipment provide the foundation for the institution for the next several years as we strive to support the needs of students, faculty, and staff. Because technology resources at both the Trinidad and Alamosa campuses are often utilized to their full capacity general fund dollars need to be dedicated to support this master plan. Our faculty relies on current instructional technology tools to enhance teaching and research. Our students expect mobility and flexibility in their use of technology for classes, and in their electronic interactions with the College. Our staff needs specific, timely, and accurate information to support their work. TSJC's Technology Master Plan will provide guidance for future initiatives necessary to transform student experiences, engage faculty and staff, cultivate relationships, enrich our communities and operate with excellence.

**Plan Limitations**

Technology is a dynamic environment. Without adequate grant funding the rapid change in both hardware and software make it difficult to maintain standard platforms. With every change and upgrade comes a need to refresh or retrain faculty, staff, and students to maintain efficiencies. The availability of funding may change annually, which can limit access to proper equipment, training, and support. The main factor for technology change at TSJC is the College's commitment to student access, student success, and operational excellence. The purpose of this plan is to provide technology solutions that will have the greatest impact to our constituents. It is meant to be a guide, and as such, should be reviewed as often as is needed to ensure that our commitment to provide the technological needs faculty, staff and students are meet.

## **Current Technology Infrastructure**

Today at TSJC, there are over 800 computers and a total of 26 virtual servers serving 2 campuses. In addition, for the two campuses, 64 classrooms are identified as being technology enhanced. We have a total of 13 Video Conferencing rooms between the two campuses and 10 portable units located at local K-12 schools. The demand on technology continues to grow and new innovations and platforms require higher levels of sustained reliable interconnectivity.

The College must replace its computers in a timely fashion. TSJC has a Technology Replacement Schedule in place with the goal of replacing/updating all hardware (computers) approximately every four years. Likewise, TSJC needs to maintain the latest version of all software in order to stay relevant. See Attachment A for TSJC's Technology Replacement Schedule.

### **Computer Labs**

The table below identifies the computer labs (and mobile labs) available for student use on the Trinidad and Alamosa (Valley) campuses as well as the number of computers available in each lab.

#### **Trinidad Campus Labs**

Banta 101 Automotive (5 Computers)
Banta 300 (3 Computers)
Banta 305 (4 Computers)
Berg 305 (20 Computers)
Berg 307 (21 Computers)
Boyd 119 Macintosh (14 Computers)
Davis 115 (29 Computers)
Davis 234 (16 Computers)
Davis 130 (4 Computers)
Davis Mobile Lab 133 - Laptop Cart (16 Computers)
Davis Mobile Lab 203 (16 Laptops)
Davis Mobile Lab 222 - Laptop Cart (26 Computers)
Davis 240 (6 Computers)
Library Math Lab (15 Laptops)
Library SSC (15 Computers)
Library Writing Center (8 Computers)
Library Lab 218 (10 Computers)
Mullen 305 (12 Computers)

IT Mobile Cart (30 Computers)
Huggins Residence Hall - Open Lab - Receives recycled PC's from updated labs (4 Computers)
O'Conner Residence Hall - Open Lab - Receives recycled PC's from updated labs (5 Computers)
Romero Residence Hall - Open Lab - Receives recycled PC's from updated labs (2 Computers)
Johnson Residence Hall - Open Lab - Receives recycled PC's from updated labs (2 Computers)

**Valley Campus Labs**

SLV 102 (5 Computers)
SLV 104 (4 Computers)
SLV 200 (10 Computers)
SLV 202 (23 Computers)
SLV 203 (8 Computers)
SLV 204 (20 Computers)
SLV 205 (21 Computers)
SLV 206 (19 Computers)
SLV 15 SC (24 Computers)
Mobile Lab (15 Computers)
SLV CLETA (20 Laptops)
SLV Chemistry (27 Laptops)
SLV TRIO (10 Laptops)

**Technology Enhanced Classrooms**

Technology enhanced classrooms are equipped with a computer/smart monitor, Digital Document cameras, ceiling mount projector or large flat panel displays, and sound systems. All rooms have the availability to encompass the use of "i-Clickers: a classroom response system" for testing and assessment needs.

Trinidad Campus: 42 rooms available
Alamosa Campus: 22 rooms available

**Video Conferencing Rooms**

All Video Conferencing rooms are equipped with a computer/smart monitor, Digital Document cameras, ceiling mount projector or large display flat panel, microphones and sound system.

Trinidad Campus

Berg 105 - Cisco Telepresence
Boyd TCR - Cisco Telepresence
Davis 145 - Cisco Telepresence
Davis 203 - Cisco Telepresence
Davis 215 - Cisco Telepresence
Library Seminar - Cisco Telepresence
Sullivan Student Center - Cisco Telepresence

Valley Campus

SLV 103 - Cisco Telepresence
SLV 111 - Cisco Telepresence
SLV 122 - Cisco Telepresence
SLV 219 - Cisco Telepresence
SLV 210 - Cisco Telepresence
SLV 11 SC - Cisco Telepresence

**Office/Staff Computers – No Classroom use**

Trinidad Faculty/Staff Offices (219 Computers)
Alamosa Faculty/Staff Offices (102 Computers)

**Technology initiatives**

Classroom technology is instrumental in revitalizing instructional delivery. Additional technical support and training is available to aid faculty in implementing these technologies. TSJC has instituted a technology committee whose purpose is to review the needs of students, faculty, and staff. These areas have representation on the committee. The committee meets at the beginning of each fiscal year to set technology priorities of the College. Below are initiatives that will be considered which were identified (in no particular order).

- Upgrade server backup system (Trinidad)
- Upgrade outdated desktop phones (both)
- Upgrade IT closets equipment racks (Trinidad)

- Upgrade and increase video surveillance capabilities (both)
- Digital Signage (both)

**Attachment A**

**Trinidad State Junior College  
Technology Replacement Schedule**

**All Labs are on a 4 year hardware replacement cycle**

<b>Trinidad Campus Labs</b>	<b>Last Update FY</b>	<b>Next Planned Update FY</b>	<b>Cost</b>
Banta 101 Automotive (4 Computers)	2010/11	2014/15	\$6,300.00
Banta 305 (4 Computers)	2011/12	2015/16	\$6,300.00
Berg 305 (20 Computers)	2013/14	2017/18	\$21,000.00
Berg 307 (21 Computers)	2011/12	2015/16	\$22,050.00
Boyd 119 Macintosh (14 Computers)	2010/11	2014/15	\$30,000.00
Davis 115 (29 Computers)	2014/15	2018/19	\$30,450.00
Davis 234 (16 Computers)	2014/15	2018/19	\$30,400.00
Davis Mobile Lab 133 - Laptop Cart (10 Computers)	2014/15 RAM Upgrade	2018/19	\$15,000.00
Davis Mobile Lab 222 - Laptop Cart (20 Computers)	2014/15 RAM Upgrade	2018/19	\$30,000.00
Library Math Lab (15 Laptops)	2011/12	2015/16	\$15,000.00
Library SSC (12 Computers)	2013/14	2017/18	\$12,600.00
Library Writing Center (11 Computers)	2011/12	2015/16	\$11,550.00
Mining Tech Simulation Lab (9 Computers)	2006/7	2010/11	\$15,300.00
Mullen 305 (12 Computers)	new 2010/11	2014/15	\$15,000.00
IT Mobile Cart (30 Computers)	2014/15 RAM Upgrade	2018/19	\$45,000.00
Library Lab 218 - Open Lab - Receives recycled PC's from updated labs (8 Computers)			No Cost
Huggins Residence Hall - Open Lab - Receives recycled PC's from updated labs (4 Computers)			No Cost

O'Conner Residence Hall - Open Lab - Receives recycled PC's from updated labs (5 Computers)			No Cost
Romero Residence Hall - Open Lab - Receives recycled PC's from updated labs (2 Computers)			No Cost
Johnson Residence Hall - Open Lab - Receives recycled PC's from updated labs (2 Computers)			No Cost

	Last Update FY	Next Planned Update FY	Cost
<b>Alamosa Campus Labs</b>			
SLV 114 (5 Computers)	New 2010/11	2014/15	\$8,500.00
SLV 216 (21 Computers)	2010/11	2015/16	\$24,000.00
SLV 241 (21 Computers)	2013/14	2017/18	\$24,000.00
SLV 243 (20 Computers) Changed to testing area	2010/11	2014/15	\$21,000.00
SLV 247 GED/ABE (6 Computers)	2011/12	2015/16	\$18,900.00
SLV 103SC (24 Computers)	2014/15	2018/19	\$21,000.00
Mobile Lab (15 Computers)	2012/13	2016/17	\$30,000.00
SLV CLETA (20 Laptops)	New 2014/15	2018/19	\$25,000.00
SLV Chemistry (27 Laptops)	2012/13	2016/17	\$30,000.00
SLV TRIO (10 Laptops)	New 2013/14	2017/18	\$12,000.00

### Video Conferencing

	Last Update FY	Next Planned Update FY	Cost
<b>Trinidad Campus</b>			
Berg 105 - Cisco Telepresence	2013/14	2018/19	\$35,000.00
Boyd TCR - Cisco Telepresence	2013/14	2018/19	\$35,000.00
Davis 145 - Cisco Telepresence	2013/14	2018/19	\$35,000.00
Davis 203 - Cisco Telepresence	2013/14	2018/19	\$35,000.00
Davis 215 - Cisco Telepresence	2014/15	2019/20	\$35,000.00
Library Seminar - Cisco Telepresence	2014/15	2019/20	\$35,000.00
Sullivan Student Center - Cisco Telepresence	2014/15	2019/20	\$35,000.00

	Last Update FY	Next Planned Update FY	Cost
<b>Alamosa Campus</b>			
SLV 124 - Cisco Telepresence	2013/14	2018/19	\$35,000.00
SLV 132 - Cisco Telepresence	2014/15	2019/20	\$35,000.00
SLV 229 - Cisco Telepresence	2013/14	2018/19	\$35,000.00
SLV 236 - Cisco Telepresence	2014/15	2019/20	\$35,000.00

SLV 105SC - Cisco Telepresence	2014/15	2019/20	\$35,000.00
SLV 1104 - Cisco Telepresence	2015/16	2019/20	\$35,000.00

All video Conferencing rooms are equipped with computer\smart monitor, DVD\VHS players, Digital Document mount projector or large display flat panel, and sound system.

<b>Office \ Staff computers - No Classroom use</b>	<b>Last Update FY</b>	<b>Next Planned Update FY</b>	<b>Cost</b>
Trinidad Faculty/Staff Offices (219 Computers)	2010/11	2015/16	\$47,250.00
Alamosa Faculty/Staff Offices (102 Computers)	2010/11	2015/16	\$37,800.00

<b>General Guidelines for both campuses</b>	<b>Last Update FY</b>	<b>Next Planned Update FY</b>	<b>Cost</b>
Network core switches and routers are on a 5 to 7 years replacement cycle for both campuses	2013/14	2018/19	\$128,000.00
Wireless network\communications for both campuses are on a 5 year replacement cycle	2013/14	2018/19	\$98,500.00
Software updates \ purchases are prioritized by the Technology Committee, on a semester by semester basis.	On Going	On Going	
Software maintenance and licensing annually	On Going	On Going	\$75,000.00
Classroom technology updates are prioritized by the Technology Committee, on a semester by semester basis.	On Going	On Going	\$60,000.00
Learning Management System (LMS) - Derire-2-Learn (D2L) is the system that is the online campus. D2L offers online and hybrid courses.	On Going	On Going	