

DEPARTMENT	SUPERVISOR	ITEM	QTY	PRICE	Requested Amount	Award Amount	STRATEGIC PLAN REFERENCE	JUSTIFICATION	AUTHOR
CTE	Bret Murphy	Double station Hydraulic Training Simulator	2	42,385.00	84,770.00	-	CTE Industrial Millwright Technology (Cliff Ferry): 1.11.11	These Trainers get used a lot. The ones we currently use are outdated and require almost constant repairs to keep them in operating condition. Repair parts are hard to find because they are out dated.	Gary Chidester
					84,770.00	-	CTE Total		
CTE Electrical Ely	Bret Murphy	Lab-Volt EMS 8001	1	49,199.00	49,199.00	49,199.00	CTE Electrical Systems Technology (Cliff Ferry): 4.41	Update the out-dated equipment in the Ely Center Electrical lab. The equipment we have now is not a complete lab system and is 20+ years old. This new equipment will be a huge benefit to students and our electrical program.	Sam Leyba
					49,199.00	49,199.00	CTE Electrical Ely Total		
CTE Ely Diesel program	Bret Murphy	Skid steer	1	35,000.00	35,000.00	35,000.00	CTE Diesel Technology (Cliff Ferry): 3.1.13	Skid steer to use for Diagnostic and adjustment for IT 208. Also can be used Dt 215	Michael Whitehead
CTE Ely Diesel program	Bret Murphy	Meter and Battery system certification program	1	19,000.00	19,000.00	-	CTE Diesel Technology (Cliff Ferry): 3.1.14	Snap on Certification program(s) for Meters and battery and charging systems. this is a caned system than can be used at both locations and give a students an industry recognized cert.	Michael Whitehead
CTE Ely Diesel program	Bret Murphy	H-1234yj	1	9,000.00	9,000.00	-	CTE Diesel Technology (Cliff Ferry): 3.1.9	new Refrigerant standard recovery machines for Air conditioning course DT 105	Michael Whitehead
					63,000.00	35,000.00	CTE Ely Diesel program Total		
CTE Instrumentation	Bret Murphy	Apple iPad Pro 10.5 with protective cases and accessories	8	1,000.00	8,000.00	8,000.00	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used at the bench for instrumentation calibration, instructional videos.	Robert Hunton
CTE Instrumentation	Bret Murphy	Allen Bradley PLC and peripherals	1	2,200.00	2,200.00	2,200.00	CTE Instrumentation Technology (Laura Gallegos): 1.2	Increased the number of PLC trainers and utilized existing PLCs from one trainer to make another work. Need to replace the PLC and its peripherals with new so that all of the trainers are functioning for student use.	Robert Hunton
CTE Instrumentation	Bret Murphy	Watlow F4T Controllers, Peripherals, Software upgrades	1	12,588.00	12,588.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Last year we received enough controllers to retrofit 4 of our trainers and have 4 on the bench for students to begin function block programming in groups of 2. We need 4 more order for all students to all be able to work in groups of two simultaneously.	Robert Hunton
CTE Instrumentation	Bret Murphy	Fluke 3130-G2M Portable Gas Pressure Calibrator	2	6,000.00	12,000.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used for calibration of all pressure transmitters, valves actuators, and positioners. Our current Wallis and Tiernen boxes are starting to break and are no longer produced.	Robert Hunton
CTE Instrumentation	Bret Murphy	Fluke 773 Process Meter	2	1,432.87	2,865.74	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Makes obtaining real time analog 4-20 acquisition very easy. Excellent teaching and trouble shooting tool. Reinforces analog loop concepts quickly.	Robert Hunton
CTE Instrumentation	Bret Murphy	Fluke 700PTP-1	6	720.00	4,320.00	4,320.00	CTE Instrumentation Technology (Laura Gallegos): 1.2	Enables students to each be able to use hand pump for pressure calibration during basic and intensive pressure calibration procedures.	Robert Hunton
CTE Instrumentation	Bret Murphy	Millermatic 255 Welder	1	3,053.00	3,053.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used to supplement the welding piece of the instrumentation curriculum.	Robert Hunton
CTE Instrumentation	Bret Murphy	Power Max 45 plasma cutter	1	2,085.54	2,085.54	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used for the fabrication piece of the instrumentation program.	Robert Hunton
CTE Instrumentation	Bret Murphy	Fluke 718-300 Pressure Calibrator	2	2,749.00	5,498.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Common Meter found in pressure calibration applications. Manual hand pump built in along with ability to source power to instrument transmitter.	Robert Hunton
CTE Instrumentation	Bret Murphy	Rigid 700 Power Drive pipe threader	1	999.00	999.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Hand Held pipe threader for teaching piping for process application.	Robert Hunton
CTE Instrumentation	Bret Murphy	Rigid 700 Support arm	1	190.00	190.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used for safety purposes of operating Rigid 700.	Robert Hunton
CTE Instrumentation	Bret Murphy	Rosemount Wireless THUM Adapters	10	999.00	9,990.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used to convert our Rosemount wired instruments to broadcast wireless signal. Teaches students how to install and configure wireless devices in a process control network.	Robert Hunton
CTE Instrumentation	Bret Murphy	Rosemount Wireless Battery Module	5	194.00	970.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Required for use in our fully wireless instruments.	Robert Hunton
CTE Instrumentation	Bret Murphy	3144P Instrument mounting kits	10	56.90	569.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used for mounting instruments to test bench stands to enable students the ability to use their hands for operating calibration devices without having the transmitter roll around on the bench and loose connection during calibration.	Robert Hunton
CTE Instrumentation	Bret Murphy	Rosemount wireless Pressure gauge	6	967.00	5,802.00	-	CTE Instrumentation Technology (Laura Gallegos): 1.2	Used to train for the installation and calibration of wireless pressure gauges.	Robert Hunton
					71,130.28	14,520.00	CTE Instrumentation Total		
CTE Millwright	Bret Murphy	lab-Volt Pump trainer	2	65,992.00	131,984.00	65,992.00	CTE Industrial Millwright Technology (Cliff Ferry): 1.11.11	Additional trainers to accommodate millwright expanding program. we have requested these trainers in the past and they have been removed from the request.	Norm Whittaker
					131,984.00	65,992.00	CTE Millwright Total		
CTE Welding	Bret Murphy	Connex	1	4,250.00	4,250.00	4,250.00	CTE Welding Technology (Jon Licht): 1.1.2	Maintain the Welding Program.	Steven Scilacci
CTE Welding	Bret Murphy	Miller Dynasty 280DX package	6	6,906.00	41,436.00	-	CTE Welding Technology (Jon Licht): 3.1.1	advanced, up-to-date welding equipment.	Steven Scilacci
CTE Welding	Bret Murphy	Miller XMT 350 Migrunner Package	7	6,784.00	47,488.00	-	CTE Welding Technology (Jon Licht): 3.1.1	advanced, up-to-date welding equipment.	Steven Scilacci
CTE Welding	Bret Murphy	Arc Light cutting table upgrade	1	5,555.00	5,555.00	-	CTE Welding Technology (Jon Licht): 3.1.1	advanced, up-to-date welding equipment.	Steven Scilacci
CTE Welding	Bret Murphy	XFR material analyzer	1	25,000.00	25,000.00	-	CTE Welding Technology (Jon Licht): 3.1	advanced, up-to-date welding equipment.	Steven Scilacci
CTE Welding	Bret Murphy	Milling machine	1	18,000.00	18,000.00	-	CTE Welding Technology (Jon Licht): 31.1.1	Current milling machine is damaged. Advanced, up-to-date welding equipment.	Steven Scilacci
					141,729.00	4,250.00	CTE Welding Total		
Diesel	Bret Murphy	laptop computers	16	1,000.00	16,000.00	12,000.00	CTE Diesel Technology (Cliff Ferry): 2.3.12	We are being asked more and more by industry to teach service report writing. We also are seeing manufactures going to a laptop bases scan tool for diagnostic work. We also require the use of electronic service information and the student needs to be able to access this information while in the shop as well as the classroom. This would be a classroom set of computers but eventually we would like to have additional for each student to have access to a computer.	Earl Owen

Diesel	Bret Murphy	Hydraulic Trainers	2	33,000.00	66,000.00	-	CTE Diesel Technology (Cliff Ferry): 2.3.13	Our current Hydraulic trainers are wearing out and are in need of constant repairs. In order to keep our equipment up to date we are looking to updating two units. These units are also used by other departments in training.	Earl Owen
					82,000.00	12,000.00	Diesel Total		
CTE Manufacturing Machining Technology	Bret Murphy	PSG 612 Surface Grinders	2	7,050.03	14,100.05	7,050.03	CTE Manufacturing Machining Technology (Eric Andersen): 1.1.1	Precision surface grinding is a important skill for a manufacturing student to learn. Grinding is very common throughout the manufacturing industry.	Eric Andersen
					14,100.05	7,050.03	CTE Manufacturing Machining Technology Total		
Audio Visual	Sonja Sibert	Replacement projectors (+lamps) for projectors 8+ years old	4	1,000.00	4,000.00	4,000.00	Interactive Video Office (Cliff Ferry): 4.2.1	Projectors in DCIT 205, Leonard Center 129, Pahrump 117, and Pahrump 119 are substantially past end-of-life.	Donald Jones
Audio Visual	Sonja Sibert	Replacement short-throw interactive projectors (+lamps) for projectors at end-of-life	3	2,200.00	6,600.00	6,600.00	Interactive Video Office (Cliff Ferry): 4.2.1	HTC 110, Pahrump 125, and Winnemucca 115 have ultra-short-throw pen-interactive projectors that are low-brightness and past end-of-life.	Donald Jones
Audio Visual	Sonja Sibert	Replacement short-throw projectors (+lamps) for projectors at end-of-life	6	1,350.00	8,100.00	8,100.00	Interactive Video Office (Cliff Ferry): 4.1.1	GTA 124, GTA 128, Health Science 107, Pahrump 115, Pahrump 116, and Pahrump 122 have ultra-short-throw projectors that are at end-of-life.	Donald Jones
Audio Visual	Sonja Sibert	Replacement projectors (+lamps) for projectors at end-of-life	6	1,000.00	6,000.00	6,000.00	Interactive Video Office (Cliff Ferry): 4.1.1	Ely 105, Ely 107, Ely 109, HTC 107, McMullen 220, and McMullen 222 have old projectors that are at end-of-life.	Donald Jones
Audio Visual	Sonja Sibert	Replacement high-lumen projector for Winnemucca 110	1	3,150.00	3,150.00	3,150.00	Interactive Video Office (Cliff Ferry): 4.2.1	Projector in Winnemucca 110 is well past end-of-life.	Donald Jones
Audio Visual	Sonja Sibert	Replacement high-lumen projector for Ely 108	1	3,150.00	3,150.00	3,150.00	Interactive Video Office (Cliff Ferry): 4.1.1	The projector in Ely 108 is at end-of-life.	Donald Jones
Audio Visual	Sonja Sibert	Replacement high-lumen projector for GTA 130	1	12,000.00	12,000.00	12,000.00	Interactive Video Office (Cliff Ferry): 4.1.1	The projector in GTA 130 has inadequate brightness for reasonable viewing during class times and is also at end-of-life. This line item also includes an estimated amount for modifying the control system in the room for the new projector (since the projector is unusable without the modification).	Donald Jones
					43,000.00	43,000.00	Audio Visual Total		
Ely Center	Jake Hinton-Rivera	SMART MX275-V2 Interactive Flat Panel TV	1	4,412.00	4,412.00	4,412.00	GBC Ely Center (Cliff Ferry): 2.25	Upgrade IAV room 112 at the Ely Center with the newest technology for the benefit of the students.	Veronica Nelson
					4,412.00	4,412.00	Ely Center Total		
Health Science	Amber Donnelly	Sim Man Essential	1	61,267.00	61,267.00	61,267.00	HSAS AAS Nursing (Cliff Ferry): 1.3	Simulated patient scenarios allow students to critically think and use clinical reasoning through real-life scenarios. This allows students to deliver quality patient care with continuous training to reduce errors and improve patient outcomes. Simulations are recommended teaching and learning strategies for students and is supported by several landmark studies. SimMan Essential will allow for high fidelity simulation, has a realistic airway, extensive ECG library, defibrillation and pacing capabilities, intraosseous infusion to help teach the critical skills of managing emergencies, this will allow radiology, paramedic, and nursing students of the Health Sciences and Human Services Department to provide safe and effective patient centered care. SimMan Essential is always used for student tours that come through the Nursing Lab. He is also used by the Health Occupational high school students and can be used for recruitment. We now have SimMan Essential that is over 11 years old and has been used extensively throughout the department and is requiring repairs. Being 11 years old it is difficult and expensive to get replacement parts.	Sharon Sutherland
					61,267.00	61,267.00	Health Science Total		
HSHS Sonography	Amber Donnelly	Laptops	2	900.00	1,800.00	1,800.00	HSHS Radiology Technology Program (Cliff Ferry): 1.3	Hands on transducer manipulation and scanning repetition is essential in Sonographic skills development. Establishing the basics of these skills early in sonographic education prepares students to enter the clinical site and implement their knowledge and scanning techniques to successfully produce diagnostic images of their living patients. The GBC sonography program currently has access to a sonography simulator called Sonosim. This provides the students with the opportunity to gain real time scanning experience without requiring a living patient or access to the single sonographic machine available on our campus. This sonosim system must be attached to a single computer system. This requirement means that the sonosim simulation opportunity is only available on campus. The addition of two laptops would allow for two students to have the opportunity to checkout the sonosim unit and practice their skills at home and for greater lengths of time.	Reme Huttman
					1,800.00	1,800.00	HSHS Sonography Total		
Pahrump Center	Jake Hinton-Rivera	Logitech Webcam C615	8	35.59	284.72	284.72	GBC Pahrump Valley Center (Mike McFarlane): 4.4	As the Pahrump Campus headcount has increased 13%, we have a need for new webcams in the computer lab for students taking online and some live classes. We currently only have 2 for all of our students.	Diane Wrightman
Pahrump Center	Jake Hinton-Rivera	Fujitsu ScanSnap Scanners	6	420.00	2,520.00	2,520.00	GBC Pahrump Valley Center (Mike McFarlane): 4.4	As the Pahrump Campus headcount has increased 13%, our proctored testing has increased by over 20%. We are requesting new scanners for the computer lab and in our nursing student room. Students are required to scan paperwork to professors more frequently and students are forced to wait for a scanner to open so they can submit their work, we need more.	Diane Wrightman
					2,804.72	2,804.72	Pahrump Center Total		
Science	Mary Doucette	Microscopes	8	5,437.50	43,500.00	43,500.00	Science Department (Doug Hogan): 1.4.9	Routine replacements, 3 for Winnemucca, 1 with camera for Pahrump, and 4 for Elko.	Peter Bagley
Science	Mary Doucette	Sourcemeater	1	5,500.00	5,500.00	-	Science Department (Doug Hogan): 1.4.19	Enhancement of all Physics laboratories.	Peter Bagley
Science	Mary Doucette	Anatomy & Physiology Models	8	362.50	2,900.00	-	Science Department (Doug Hogan): 1.4.18	In support of BIOL 223/224, critical service courses for Nursing. Three for Elko and 5 for Pahrump.	Peter Bagley
Science	Mary Doucette	Growth Chamber	1	27,000.00	27,000.00	-	Science Department (Doug Hogan): 1.4.14	Acquire one plant growth chambers optimized for both tissue culture and Arabidopsis. This will directly support BIOL 191, BIOL 300, BIOL 341, BIOL 394, and provide indirect support for BIOL 190, BIOL 299, BIOL 331, BIOL 410, BIOL 415, and BIOL 496.	Peter Bagley
					78,900.00	43,500.00	Science Total		
Winnemucca Center	Jake Hinton-Rivera	Winnemucca Electrical Classroom Chairs	20	165.60	3,312.00	-	GBC Winnemucca Center (Cliff Ferry): 2.2.2	Last year I appreciate the committee approval to replace the chairs in the main building. I would like to finish this chair replacement with the electrical classroom. These students spend 5 hours each day in the classroom and I would replace these with the same chairs we have in the Nursing classroom center that have been well received. This will complete our chair replacement cycle for the center.	Lisa Campbell

Winnemucca Center	Jake Hinton-Rivera	SMART Board upgrade	1	4,412.00	4,412.00	4,412.00	GBC Winnemucca Center (Cliff Ferry): 2.3.2	We would like to upgrade our smartboard on campus in an IAV classroom. The technology has improved drastically since the previous smartboard was installed. We have one of these units in another classroom and the upgrade is amazing. They are multi-use and students can vibrantly see the instructor and IAV course material which is critical for distance education.	Lisa Campbell
Winnemucca Center	Jake Hinton-Rivera	Testing Notification System for ASC Testing Students	1	170.00	170.00	170.00	GBC Winnemucca Center (Cliff Ferry): 2.3.2	These units will be placed on the desk/computer with students taking tests. When time is up, they will flash/vibrate and notify the front desk. With more students taking tests we have 1 proctor in the room that tests and tutors at times. We have a need for a system that will track testing and notify both the student and the test proctor that time has elapsed without being a disruption to other students. Old fashioned kitchen clocks/personal phones aren't the level of integrity that I want to provide. This would be professional and clear for everyone to adhere to testing parameters.	Lisa Campbell
Winnemucca Center	Jake Hinton-Rivera	ASC Winnemucca Materials- Samsung DC-E Series Commercial LED Displays 32-Inch Screen LED-Lit Monitor (DC32E)	1	600.00	600.00	600.00	GBC Winnemucca Center (Cliff Ferry): 2.3.2	We have a large group of students that visit our Academic Success Center. We need to reach students with a display that has the ability to change. We can use this tool for tutoring, but also as an informational tool to reach students for proctoring, computers and notification.	Lisa Campbell
Winnemucca Center	Jake Hinton-Rivera	ASC Winnemucca Materials - Skeleton	1	200.00	200.00	200.00	GBC Winnemucca Center (Cliff Ferry): 2.3.2	With the nursing program and a strong emphasis on biology on our campus, it would be helpful for the Academic Success Center to have a model for students to access and study outside the classroom because of limited availability of the classroom model.	Lisa Campbell
				848,947.70	350,176.75	Grand Total			