



CALIFORNIA DEPARTMENT OF EDUCATION

**CAREER TECHNICAL EDUCATION FACILITIES APPLICATION  
FORM A – COVER PAGE (Rev. 2/07)**

**Local Educational Agency Contact**

Local Educational Agency (LEA) Chico Unified School District	CDS Code 04 61424 0437558
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Printed Name and Title of Contact  
Janet Brinson, Director of Categorical Programs

Address  
1163 E. Seventh Street

City Chico	Zip Code 95928	County Butte
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Telephone Number (530) 891-3000 ext. 105	Fax Number (530) 891-3220	E-mail Address jbrinson@mail.chicousd.org
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**Project Information**

Type of Project: ☐ New Construction ☒ Modernization/Reconfiguration ☐ Equipment Only

School Name  
Pleasant Valley High School

Name of Project  
Pleasant Valley High School Residential Construction Lab

Career Technical Education Industry Sector  
Building Trades and Construction: Residential and Commercial Construction Pathway

Number of Teaching Stations 1FTE	Expected Number of Students 100-140	Square Footage of Project 8,463	Construction Cost Estimate
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**Approval**

Date CTE Plan Approved by Governing Board

**Certification**

The local educational agency (LEA) certifies that the Advisory Committee pursuant to Education Code Section 8070 has met and approved the CTE Plan, and the other requirements contained in Education Code Section 17078.72, including sections (i) (1 thru 7) have been accomplished, and minutes and other supporting documentation are on file at the LEA's Office. Further, the project is on a comprehensive high school site that meets the requirements of Education Code sections 51224, 51225.3, and 51228.

Janet L. Brinson  
Print Name of Authorized LEA Representative

*Janet L. Brinson*  
(Signature of Authorized LEA)

7/26/07  
Date

**For California Department of Education Use Only**

☐ Original Application and Three Copies ☐ Floppy Disk ☐ CD Backup

Application Log Number	Reviewer Number	Date of Review	Received by
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## **Pleasant Valley Industrial Technology Modernization ABSTRACT**

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Pleasant Valley High School's Industrial Technology Department has career pathway programs in three industry sectors: manufacturing and product development, engineering and design, and building trades and construction. Due to student, parent and community interest, as well as to labor force demands, we are offering a course in residential and commercial construction in the fall, with plans to expand into a full career pathway program in Residential and Commercial Construction. Specifically, with this funding we propose to convert an existing welding/manufacturing facility into a facility that will be used for a residential building construction laboratory. This conversion includes supplying the facility with adequate new and upgraded equipment. The department still owns a number of pieces of woodworking equipment from the dismantling of the school's woodshop, which will help substantially in outfitting the new facility. Ventilation and power are being included as a part of a separate application for a welding manufacturing facility (which will occupy one half of the whole facility, with a classroom space in between).

Three factors combine to make this plan a high priority for our school and district. Currently, PV's Industrial Technology program is experiencing a growth in student enrollment and an interest level that has not been seen in years. At the same time, the construction industry, both locally and statewide, is experiencing a very high demand for skilled workers. However, there are no training facilities in our area to prepare students for the high skill high wage jobs found in the construction industry.

The need for students to exit high school ready to take on these skilled entry-level jobs is critical. Our long-term plan, beginning in the fall of 2007, is to develop a beginning residential and commercial construction program at the district level, and in the near future to develop an ROP construction program to complete the proper course sequencing. By adding a facility, this modernization will help us to increase the both the quantity and the quality of courses offered within the Industrial Technology department, thus enhancing CTE opportunities for our students and meeting the demands of our local labor market for qualified individuals in residential construction.

## **Project Elements**

### **Element 1: CAREER TECHNICAL EDUCATION PLAN**

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#### **Part A: Rationale, Industry Sector, Labor Market**

**Rationale and Industry Sector:** Pleasant Valley High School's Industrial Technology program is experiencing an unprecedented growth. Section numbers are up and student interest is on the rise. Class sizes have increased as well, from 20-25 to 25-35 students per section. Many students have expressed interest in a residential construction program; however, currently there is no program in the Chico Unified School District to meet that need. Industry demand in Building Trades and Construction is also high: as the chart below shows, Employment Development Department projections call for a continued increase in jobs in all construction-related areas—18.8% statewide, and 47% in Butte County, by 2014.<sup>1</sup> Despite this high demand, there are no training facilities in our community to prepare students for the high-skill, high-wage jobs found in the construction industry.

Thus, in fall of 2007, Pleasant Valley High School's Industrial Technology department will be offering a course in residential construction, with plans to expand into a full career pathway program in Residential and Commercial Construction over the following 2-3 years. We propose to use Career-Technical Education Facilities funding to convert an existing welding/manufacturing facility into a facility that can be used for a residential building construction laboratory. This conversion will include supplying the facility with adequate new and upgraded equipment. The Industrial Technology department still owns a number of pieces of woodworking equipment from the dismantling of the school's woodshop, which will help substantially in outfitting the new facility. Ventilation and power are being included as a part of a separate application for a welding manufacturing facility (which will occupy one half of the whole facility, with a classroom space in between.)

Pleasant Valley High School students and graduates who have gone through other career pathway programs in the Industrial Technology department, such as welding/manufacturing, have earned excellent reputations among local manufacturing facilities for their skills and the quality of their work. Pleasant Valley High Industrial Technology instructors have built working relationships with not only the company owners, but many of the shop foremen, who often let us know how difficult it is to find employees with the high entry-level skills that our program currently produces. We are confident that the working relationships with industry professionals, the skill and commitment of our staff, and the interest on the part of our students will help us to have a similar success rate in training and placing students in construction. Indeed, though the program will only be beginning in the fall, it has already generated a significant amount of interest from Valley Contractors' Exchange, as well as from industry partners. By adding a facility, this modernization will help us to increase both the quantity and the quality of courses offered within the Industrial Technology department, thus enhancing CTE opportunities for our students and meeting the demands of our local labor market for qualified individuals in residential construction.

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<sup>1</sup> From Employment Development Department webpage, State of California, 2007.  
<http://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/?PageID=145>

**Labor Market:** Statewide, even though the housing boom has slowed relative to what it was five years ago, California's Employment Development Department projects an 18.8% growth in construction and extraction occupations from 2004-2014. In Butte County, the construction industry is even more robust, with some residential and plenty of light commercial construction contributing to a job market that is forecast to increase annually through 2014. There is a high demand for skilled entry-level workers in our local construction industry, as the table below shows for a few selected construction-related occupations in Butte County alone:

Occupational Title	Employment 2004		Employment 2014		Percentage Change		Annual Job Openings	
	Butte	Calif	Butte	Calif	Butte	Calif	Butte	Calif
Construction and Extraction Occupations	2,810	946,800	4,130	1,124,700	47%	18.8%	187	35,710
Construction Trades Workers	2,150	787,400	3,230	934,500	50.2%	18.7%	148	28,860
Construction Laborers	560	130,200	790	144,300	41.1%	10.8%	30	3,140
Drywall & Ceiling Tile Installers	60	40,200	110	46,300	83.3%	15.2%	6	1480

### Part B: Advisory Committee

As required by California *Education Code* Section 8070, Pleasant Valley's Industrial Technology program has an active career technical education committee, which offers program recommendations and acts as a liaison between the district and potential employers. This industry-based committee includes representatives from the construction industry as well as parents, teachers, site administration, ROP, Butte Community College, and students.

In addition, the Chico Unified School District has a CTE advisory committee which provides oversight to all the different CTE in programs in the district. Membership of this committee is comprised of district administration, CTE teachers, a site administrator, students, and business owners. The purpose of this committee is to address the needs of existing CTE programs while focusing on improvement, and expansion of programs to meet the needs of students and industry sectors. Rosters for both advisory committees, including each member's affiliation and contact information, are shown below.

### PV High School Residential Construction Advisory Committee/Industry Partners

Member	Company Affiliation	Title/Role	Phone	Address	City
Tim Atkins	MJB Welding	Owner	(530) 342-3589	357 East Park ave	Chico
Chuck Tatreau	M&T Inc	President	(530) 342-2954	3964 Chico River Road	Chico
Jon Arnold	MJB Welding	Manager	(530) 342-3589	357 East Park Avenue	Chico
Jake Maloney	Ginno & Maloney Construction	owner	(530) 891-4193	2990 Highway 32	Chico

Floyd Harris	Metal Works	Owner	(530) 534-6266	550 Georgia Pacific Way	Oroville
Kate Lydon	Valley Contractors Exchange	Executive Director	(530) 343-1981	951 E. 8 <sup>th</sup> St.	Chico
Jerry Brooks	Steel Works Fabrication	Owner	(530) 892-2390	6 Freight Lane	Chico
Clint Wood	Builders Supply	Manager	(530) 896-1700	Southgate Lane	Chico
Tink Inc.	Dan Debose	Owner	(530) 895-0897	2361 Durham Dayton Hwy	Durham
Amanda Ellis	PVHS	Counselor (PVHS)	(530) 879-5100	1475 East Ave	Chico
Karl Jordan	PVHS	Student (PVHS)	(530) 879-5100	1475 East Ave	Chico
Miles Peacock	PVHS	Instructor (PVHS)	(530) 879-5100	1475 East Ave	Chico
Jerry Joiner	PVHS	Instructor ROP	(530) 879-5100	1475 East Ave	Chico
Doug Bentz	Butte College	Dean	(530) 895-2531	3536 Butte Campus Drive	Oroville

#### **District Career Technical Education Advisory Committee:**

<b>Name</b>	<b>Affiliation</b>	<b>Contact Information</b>
Kelly Staley	Interim Superintendent	<a href="mailto:kstaley@mail.chicousd.org">kstaley@mail.chicousd.org</a>
Sara Simmons	Director II, Innovative Programs	<a href="mailto:ssimmons@mail.chicousd.org">ssimmons@mail.chicousd.org</a>
Mary Leary	Director, M&O/Transportation	<a href="mailto:mleary@mail.chicousd.org">mleary@mail.chicousd.org</a>
Michael Weissenborn	Facilities Planner	<a href="mailto:mweisse@mail.chicousd.org">mweisse@mail.chicousd.org</a>
Janet Brinson	Director, Categorical Programs	<a href="mailto:jbrinson@mail.chicousd.org">jbrinson@mail.chicousd.org</a>
Jocelyn Allen	CHS Student	
Miles Peacock	PVHS Industrial Arts Teacher	<a href="mailto:mpeacock@pvchico.org">mpeacock@pvchico.org</a>
Vance Jarrard	PVHS Student	<a href="mailto:vjarrard@yahoo.com">vjarrard@yahoo.com</a>
Sheri Zeno	FVHS Teacher	<a href="mailto:szeno@mail.chicousd.org">szeno@mail.chicousd.org</a>
Joanne Parsley	BJHS Principal	<a href="mailto:jparsley@mail.chicousd.org">jparsley@mail.chicousd.org</a>
Linda Zorn	ROP	<a href="mailto:zornli@butte.edu">zornli@butte.edu</a>
Fred Davis	CEPCO	<a href="mailto:FD6724@aol.com">FD6724@aol.com</a>
John Pereira	CEPCO	<a href="mailto:johnp@rush-personnel.com">johnp@rush-personnel.com</a>
TBD	Employment Development Dept.	
Norm Nielsen	Chico Chamber of Commerce	<a href="mailto:NNielsen@chicoelectric.com">NNielsen@chicoelectric.com</a>
Darci Bruggman	PVHS Parent	<a href="mailto:dbruggma@mail.chicousd.org">dbruggma@mail.chicousd.org</a>

#### **Part C: Administrative Support of Career Pathway Programs**

The Pleasant Valley High School staff is committed to ensuring that all students are given the opportunity to participate in CTE programs, activities, and experiences. School wide, challenging CTE courses prepare students with the academic and technical skills they need for postsecondary education and the workplace. Teacher teams work across curriculum boundaries to tie standards together, helping students

understand that classes do not operate in isolation, and skills taught in one course can be applied in others. Of the fifteen PVHS courses articulated with Butte College, thirteen are CTE courses. Approximately 50% of PVHS students enroll in at least one CTE course during their 4-year high school career

Guidance and counseling staff are key to ensuring that students have the opportunity to set high goals and help them select courses from among the many career pathways we offer to keep their options open. Counselors meet with each student and parent to design a four-year plan with an articulated, sequenced series of courses leading students to their postsecondary goals. Students' programs are revisited annually during PV's two-day advising and registration sessions.

The Industrial Technology Department makes its entry level courses open to all grade levels, and a clear sequence of courses has been developed that takes a student from an introduction course to a capstone course training students for high skill high wage professions. The courses within the Industrial Technology department are open to all students, and accommodations are made for students with special needs.

Pleasant Valley High School Administration has been supportive of CTE courses in the recent years. The school administration has approved of an on campus ROP welding /manufacturing course. A new Computer Aided drafting lab has been completed.

#### **Part D: Certification, Standards, Course Sequences, and Career Pathways**

**Certification:** All of the current career pathways have at least one course in the sequence that has an active articulation agreement with the local Community College. Students are able to go straight from our program into the programs available at Butte College. When our Building and Residential Construction Program is fully operational, students will be able to earn industry-validated certificates in framing, electrical, plumbing, masonry, rough carpentry, and finished carpentry.

#### **State Board Adopted CTE Standards, Course Sequences and Career Pathways:**

The Industrial Technology Department has spent numerous hours collaborating with other Industrial Technology instructors in our district and surrounding districts to share common practices and instructional methods. We have re-written our course outlines to better address both the academic foundation standards and the Career pathway standards.

The proposed course sequence for the Residential and Commercial Construction pathway in the Building Trades and Construction industry pathway is shown below:

9 <sup>th</sup>	Introduction to Technology
10 <sup>th</sup>	Building Construction
11 <sup>th</sup>	Building Construction II* Or ROP Construction*
12 <sup>th</sup>	ROP Construction*

\* proposed course

All CTE courses are aligned to the California Career Technical Education Model Curriculum Standards. The curriculum for the course will take students through modules in plumbing, roofing, etc. at ninth and tenth grade, where they will prepare mock-ups or

models, and ultimately apply what they have learned by constructing small sheds or other structures needed on campus. The proposed ROP construction course would give juniors and seniors who have demonstrated the requisite skills the opportunity to apply those skills by doing residential construction.

## **Element 2: PROJECTIONS OF STUDENT ENROLLMENT**

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### **Part A: Projected Enrollment**

In 2007-08, 35 students will be enrolled in our first residential construction course. Based on student survey results indicating an interest in this career pathway, we anticipate an additional 2-3 sections after the construction program is in place, with 25-35 students in each course—resulting in an building construction student enrollment in a year or two of between 100-140 students. This growth estimation is based on the growth in the program over the past four years, and the expected student interest in the area of building construction. Two different student surveys have been given indicating a strong of interest in all of the pathways in the Industrial Technology Department.

### **Part B: Meeting our Enrollment Goals**

Guidance and counseling staff, teachers, and students are critical in ongoing recruitment and enrollment procedures that will **ensure that our projected student enrollment will be met**. This recruitment process begins with an eighth grade parent night at PV designed to give parents a comprehensive overview and a chance to ask specific questions of department chairs and program coordinators. Counselors visit eighth grade classrooms twice before course selection to provide information and an introduction to PV. Representatives of programs make presentations to acquaint middle school students with the range of options open to them in high school.

However, the best assurance of continued and growing enrollment is probably the teachers and students themselves: the Industrial Technology department has a strong belief in letting people see the work our students are doing. Student's projects are displayed at our local fair. Students are constantly creating projects that enhance or beautify our campus, such as rail fencing around planter areas. Currently the department is designing an arch entrance to the football stadium. These projects not only showcase student work, but they spark the interest of other students on campus that might be interested in a course within our pathway. The fact students are getting hired while still in high school to work in related professions is a recruitment tool in itself. There are many students hungry for work who come to us wanting to learn the skills the Industrial Technology Department teaches.

Each of our high school counselors is assigned to be a liaison to certain departments. The Industrial Technology department routinely meets with our counseling liaison to keep her informed of current classes and curriculum as well as upcoming changes within the department. When an Industrial Technology course is being added, or significantly changed then the department will meet with the whole counseling staff to keep them informed as to what the new class will be, what the goal of the course is, potential careers the course can lead to, and any prerequisites the course may require.



### **Element 3: IDENTIFICATION OF FEEDER SCHOOLS AND PARTNERS**

The development, articulation, review and approval of our CTE plan was a joint effort among many stakeholders. Our advisory committee, listed in 1B above, discussed and approved the expansion proposal at its March meeting. Although this Request for Proposals was not available at that time, we knew that it was pending, and the committee agreed in concept with our ideas for expansion of the facility and the need for a career pathway in construction. Representatives from that committee have signed a statement indicating their approval for the plan (attached.) In addition, the individuals listed below have provided significant input into the development of the plan for facilities expansion and the creation of our new pathway:

Tim Adkins, owner MJB Welding	Jon Arnold, Manager MJB Welding
Doug Bentz, CTE Dean Butte College	Darci Bruggman, 3 time ROP Parent Representative
Mike Bruggeman, ROP Teacher CAD CHS	Steve Connolly, Principal 2007/08 PVHS
John Dahlgren, Lares Research, Inc.	David Flemming, Thomas Welding & Machinery
Lowell Forward, ROP Teacher CAD PHS	Jim Hanlon, Principal CHS
Shelle Hord, ROP Secretary	Jerry Joiner, ROP Teacher Welding Fabrication Manufacturing PVHS
Karl Jordan, PVHS Student	Miles Peacock, CAD & Intro into Welding Teacher
Tom Phelan, Wood Mfg. Teacher, CHS	Doug Reiswig, Chico Power Equipment
Dan Sours, CHS Foundation, Math Teacher CHS	Chuck Tatreau, President M&T Construction
Paul Watters, Director ROP	Mark Wegener, Wegener Engineering Group
David Wilburn, Norfield Industries	

The two primary schools that feed into Pleasant Valley High School are Marsh Jr. High and Bidwell Jr. High. There are also a small number of students who come to PVHS from Chico Junior High and Notre Dame (a private school). Though none of the feeder schools have an active Industrial Technology program the department sends representatives to the primary feeder schools to let students know about the program.

The Butte County Office of Education funds an ROP Welding and manufacturing course that is offered on our high school campus. The ROP program has been the largest single supporter of the program and the expansion. The majority of the new and donated equipment has been brought into the PVHS welding facility because of the ROP program.

The department has discussed the expansion with key members of the Butte college staff. They seem to be very interested as Butte College pulls many of our students into related programs on their campus.

**Geographic proximity of other similar programs:**

This project will complement other CTE offerings in our immediate area. In the area of Construction Technology Paradise High school teaches an ROP construction, but the distance between the two communities is also about 20 miles. At Chico High there is a manufacturing pathway (using wood as the median). There are some program completers in the CHS manufacturing pathway that enroll in the ROP welding program to learn more about the metal manufacturing industry. The CHS manufacturing and CAD students may also be interested in a future ROP Construction in the future.

**ELEMENT 4. THE ACCOUNTABILITY PLAN**

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**Part A: The Accountability Plan**

In the regular school year the department estimates to have 24 students receive certificates through our ROP program. This summer 17 additional students are to receive certificates through our ROP summer work program. Commonly 20-25% of the Industrial Technology students go on to either work in a related industry, join an apprenticeship program or join the military. The Industrial Technology Department estimates that 30-35% of program completers go on to postsecondary institutions for more advanced study in the applicable industry or other areas of study.

The Pleasant Valley Industrial Technology Department and the ROP program routinely conduct postgraduate surveys to gather information about program completers. These surveys are completed by telephone and e-mail to try and find where students are, what they are doing, and how well the department prepared these graduates for post secondary education, advanced training and professional careers. The counseling department at PVHS does post graduate surveys as well. Surveys are done by mail, E-mail and Telephone to try and account for all students.

Information gathered from these surveys is analyzed and assessed. Instructors share this information with advisory members, industry partners and school administrators. The data collected is combined with input from industry partners to try and improve future curriculum within the program.

**Part B: Meeting our obligations pursuant to Education Code Section 51228(b)**

The Industrial Technology Department has developed course sequences that allow students to completely fulfill the A-G admission requirements of the University of California system. These requirements can still be met while exposing students to quality career and technical education courses.

The course curriculum in all of the Industrial Technology courses is designed to train students for entry-level employment in all of the industry sectors. This curriculum is designed to address the new industry sector career pathways and the academic foundation standards. Advisory committee members analyze curriculum and give feedback to ensure that the program is adequately preparing students with the necessary skills to obtain entry-level employment within the career pathway.

The academic foundation standards are all embedded within the program curriculum. This ensures that the program maintains adequate academic rigor, but truly allows students to see where and how the core academics can be applied. This

incorporation of applied academics makes the subject much more real, relevant and comprehensible.

## **ELEMENT 5. EDUCATIONAL SPECIFICATION AND EQUIPMENT/SPACE REQUIREMENTS SHEET**

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The goal of this project is to develop a career pathway in residential construction, an area with a strong employment outlook locally and statewide, as well as one that appeals to many of our students. In order to do this, we need an adequate facility to establish a building construction program, with sufficient workstations and industry-standard equipment to prepare our students for high-wage, high-skill jobs in the construction profession.

Adequate storage facilities and work stations must be constructed. Though we will be able to use a great deal of woodworking equipment from the dismantled wood shop, there are also a number of pieces of equipment that have to be purchased. A compound miter saw, table saw, chop saw, drill press, and some hand tools are essential. Having access to these pieces of equipment will help prepare graduates for the high-wage, high-skill professions within both the manufacturing and construction industry.

## **ELEMENT 6. BUDGET JUSTIFICATION/DETAIL SHEET**

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### **Part A - See Attached: Form C**

The capital cost per pupil is \$157.08. This figure includes all of the costs related to money requested. It does not include the cost of much of the donated equipment, labor, or the cost of equipment that is either already being purchased or will be purchased from outside sources such as ROP. The capital cost per pupil is estimated by dividing the cost of the requested funds by the estimated total enrollment. Because we expect enrollment to be between 100-140, we used an estimated student enrollment of 120 in making calculations (\$18,850/120).

### **Part B: Financial participation of our Industry Partners in building and equipping the facilities**

Industry partners have been exceptionally generous to the Industrial Technology Department, and have fully supported our plans to expand into this new career area. They have donated thousands of dollars in labor and equipment, including

- 6000 lb forklift (Guy Rents \$6,000)
- Painting of classroom (Westerdahl \$500)
- Commitment from County Office of Education to fund a summer workability program (using special needs students) to help with the conversion process. This program will build new layout tables, storage racks, roll gates and help place where equipment will be placed. Student's wages are paid through Butte County Regional Occupation Program (\$39,360 wages, \$14,000 supplies and materials).

## **ELEMENT 7: UNIQUE CONDITIONS**

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### **Part A:**

As mentioned previously, this modernization project will result in a facility that houses two separate labs: one for residential construction, and one for welding/manufacturing. As suggested in the RFA for this program, we are submitting two separate applications, as the two projects are part of different industry sectors. Each has been approved by an industry-specific advisory committee, and is based on the needs and employment outlook for the specific industry sector.

The fact that we are converting a single building into two labs represents a unique cost/expense issue, as it is less expensive than building or converting two separate labs. Though there are no major structural changes to any of the buildings the cost of the electrical work and ventilation is the largest obstacle. We are requesting these costs from the manufacturing/welding proposal, but they will benefit both labs. In addition, the Butte County Office of Education and the Private Industry Council hired seventeen students during the summer of 2007 to help make non-structural changes to the prospective construction lab. This created a unique partnership through which students gained valuable experience and the satisfaction of contributing to a real project, and the school was able to have some of the construction accomplished in a cost-efficient way.



CALIFORNIA DEPARTMENT OF EDUCATION

**CAREER TECHNICAL EDUCATION FACILITIES APPLICATION  
FORM B – EDUCATIONAL SPECIFICATIONS AND  
EQUIPMENT/SPACE REQUIREMENTS SHEET** (Rev. 2/07)

Use additional sheets as necessary.

Type of Project: <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Modernization/Reconfiguration <input type="checkbox"/> Equipment Only		
County Butte	Project Tracking Number	Expected Number of Students Served 300
Local Education Agency Chico Unified School District		Name of Project Pleasant Valley High School Industrial Technology Complex
Name of School Pleasant Valley High School		Proposed Schematic Drawing Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Project Summary**

Generally describe the scope of the career technical project and its educational goals.

Convert existing welding shop into a facility designed for courses in Residential and Building Construction, including installing the workstations and equipment necessary to develop a new career pathway in residential and commercial Construction. This pathway will prepare our students for high-wage, high-skill professions.

**Program and Space Functionality**

Describe the program activities for this career technical project/equipment and how the teaching station will support those functions.

The program will allow us to develop a residential and commercial construction pathway. The majority of the funding will go to purchase and upgrade existing tools and equipment, and build work stations for students. The tools and equipment purchased reflects the type of tools and equipment students will be expected to operate in an entry-level position in the construction industry.

**Space and Equipment Requirements**

List required equipment needed to support the career technical project and the square footage requirements for all its other spaces (teaching station storage, office, lab, lecture area, etc.). Please attach a schematic drawing of the proposed project.

Drill press, cut off saw, compound miter saw, saw-stop table saw, rotary-hammer. Hand tools such as hammers, saws, chisels, tape measures etc will need to be purchased as well as power tools such as drills, circular saws, jig saws, sanders, etc.

**Functional Relationship to Site**

Describe how the new construction or modernized building will impact other areas of the site.

The modernization will convert a welding shop into a modern residential and commercial construction laboratory, with no impact on surrounding areas of campus (after the electrical sub panel is installed). Bringing adequate power to the facility will require the cutting, removal and re-pouring of concrete sidewalks on campus.

### **Site Development Considerations**

Provide, if any, additional site development needs associated with the career technical project.

Dust removal equipment must also be installed into facility to support a building construction program. A roll gate for easier access to facility must be added (planned for summer of 2007). Student work stations and lumber storage facilities must also be built and placed within the facility.



CALIFORNIA DEPARTMENT OF EDUCATION

# CAREER TECHNICAL EDUCATION FACILITIES APPLICATION FORM C – BUDGET JUSTIFICATION/DETAIL SHEET (Rev. 2/07)

One Form per School Site, per Project

Local Education Agency CHICO UNIFIED SCHOOL DISTRICT PVHS	Project Name Pleasant Valley High School
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Provide sufficient detail to justify the budget. The budget justification page(s) must provide all required information even if the items have already been identified and discussed in another section. For each project or equipment, list the costs associated. Please use additional sheets as necessary.

Project/Equipment Description	Subtotal Each Item
<b>Electrical work:</b> Install 2=30-amp, 3-phase power to new dust collector. Price is contingent on work being done at the same time as the work for the welding shop.	850.00
<b>Work benches/work station materials:</b> This total represents the cost of materials. Students will be involved in building the benches and work stations.	\$2,000.00
<b>Hand Tools</b> including hammers, hand saws, nail pullers, string lines, screw drivers, ladders, saw horses, staplers, tin snips, shovels, digging bars, chisels, carpenter squares, masonry tools etc.	\$2,000.00
<b>Power tools:</b> We currently have some skill saws, jig saws, hand sanders etc. However, we need to supplement with additional skill saws (8 @ \$120.00 each), jig saws (4@ \$80.00), cordless drills (8 @ 100.00), corded drills (8 @ \$80.00), nail guns (5@ 200.00), pneumatic stapler (3@ \$180.00), hand planer (3@ \$120.00), portable air compressors (3@ \$400.00) which will help increase the number of student work stations available. The course will use modules to help introduce masonry, framing, roofing, plumbing, electrical and finish carpentry skills initially. The larger the number of work stations the more student involvement there will be.	\$6,000.00
<b>Saw stop Table Saw</b> and a <b>portable table saw</b> that students can use to rip, and cross cut lumber for finish carpentry.	\$5,500.00
<b>Two compound miter saws</b> for both rough framing, and finish carpentry.	\$900.00

<b>Chop Saw</b> for cutting lumber to the correct length	\$200.00
<b>Drill Press</b> to cover the precision drilling that cannot be done as accurately with a portable drill	\$1400.00
<b>Total Amount of Funds Requested</b>	<b>\$18,850</b>

Total Match Amount \$7,000	Source of Match Business and industry partners, Perkins funding, Dept Budget
Time Payment Required <input type="checkbox"/> Yes   XNo	Financial Support from Industry Partners Verbal commitments if funding is approved
Other Sources of Funding Perkins; ROP; Business and industry partners	