

COURSE OUTLINE

Board Approval: 6/22/04

Latest Revision: 5/14/04

Palo Verde College One College Drive, Blythe, CA 92225 (760) 921-5500

2F 071	ubject Area and Course Number: IBE 071			Course Title: Basic Plumbing			
w Course Revised X U	Jpdated \square		Č	TOP Code 0952	230	Credit Status Request	
						Noncredit	
		SAM Code				Course prior to college level	
		C=Clearly oc				Y=Not applicable	
ncredit category			Meets a unique need:	Course du		Demand/Enrollment Potentia	
hort-term vocational			Yes No 🗌	Yes 🖂	No 🗌	Yes ⊠ No □	
nsfer request			culation request:				
Non-transferable		UC	CSU C	CSU-GE	E 🔲	IGETC L CAN L	
TRANSFER APPROVAL STATUS	ARTICULATION APPROVAL STATUS Not Approval Approval						
N/A		Not Requested	Date of Submission	Approval Pending	Approva Denied	Ligie Annroved	
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res. Selection and set finis equirements of health and	hing of plu	mbing fixture anditions and	es. Emphasis on plui	nbing proced This course i	ures and sa	as, drain, waste and vent pip afe tool and equipment use. In le.	
equirements of health and	sanitary co	onditions and	d blueprint reading.	This course i	s repeatab		

OBJECTIVES and LEARNING OUTCOMES:

Upon successful completion of the course the student will be able to:

- 1. Safely use the tools and equipment used in plumbing installation.
- 2. Size piping and fittings used for the installing of water, sewer, gas, drain, waste, and vent piping.
- 3. Set fixtures for the plumbing installation.
- 4. Estimate materials needed for the completion of residential plumbing.

COURSE OUTLINE AND SCOPE:

1. Outline of Topics:

- 1. Safety
- 2. Tools
- 3. Piping
- 4. Fittings
- 5. Codes
- 6. Blueprint reading
- 7. Setting fixtures
- 8. Estimating
- a. Materials
- b. Costs

2. Examples of Reading Assignments:

Blueprint reading.

3. Examples of Writing Assignments:

None.

4. Appropriate Assignments to be completed outside of class:

None.

5. Appropriate Assignments that demonstrate critical thinking:

None.

6. Other Assignments:

None.

METHOD OF EVALUATION:

- 1. Exams and Quizzes (oral/written)
- 2. Class Participation/Discussion
- 3. Film/Video Response
- 4. Projects
- 5. Demonstrations
- 6. Group Activities

METHOD OF INSTRUCTION:

- 1. Lecture
- 2. Demonstration
- 3. Videotape

- 4. Residential wiring project5. Group projects6. Community Service Project

TEXTS, OTHER READINGS AND MATERIALS:	
(List typical or required primary sources, texts, and other materials; or refe	erence college bookstore computerized listings, etc.)
Blankenbaker, E. Keith. Modern Plumbing. Goodheart Wilcox, 1997., <mark>te</mark>	eacher handouts.
SIGNATURES:	
COURSE INITIATOR:	DATE:
LIBRARY:	DATE:
CHAIR OF CURRICULUM COMMITTEE:	

SUPERINTENDENT/PRESIDENT: _____DATE: _____