VENTURA COUNTY COMMUNITY COLLEGE DISTRICT

CLASS TITLE: INSTRUCTIONAL LAB TECHNICIAN I – CONSTRUCTION TECHNOLOGY

BASIC FUNCTION:

Under the direction of an assigned supervisor, provide technical instructional duties in the supervision and training of students in Construction Technology.

REPRESENTATIVE DUTIES:

Provide technical and complex instructional duties in the supervision and training of students in construction subjects; provide student progress information to instructor.  

Demonstrate or describe the proper operation of equipment, tools, machinery, instruments and class materials.

Assist in the preparation and maintenance of instructional materials; assist in the scoring of test as required.

Inspect and accept student workmanship; explain and demonstrate correct processes.

Assist in the preparation of equipment; assist in ordering supplies; maintain jobsite tools, materials and supply inventory.

Assure and enforce security of the jobsite and student safety, according to established procedures.

Maintain and repair equipment and jobsite area in preparation for student instruction activities.

Prepare and maintain variety of records and reports including student attendance, equipment and material inventories.

Build and demonstrate construction projects and supervise students performing same.

Perform related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Tools, machinery and equipment used in Construction Technology
Methods and techniques used in the repair, maintenance, service and adjustment of tools and equipment
Proper construction materials need for building purposes
Principles and practices of training and instruction
Record-keeping techniques

Established December 2002
INSTRUCTIONAL LAB TECHNICIAN I – CONSTRUCTION TECHNOLOGY (continued)

Oral and written communications skills
Technical aspects of home building and general construction
Health and safety regulations appropriate to the construction industry

ABILITY TO:

Assist students in understanding and applying basic principles of the subject area to which assigned
Advise students in the proper operation and use of assigned instructional equipment
Explain work assignments to students
Communicate effectively
Understand and follow oral and written directions
Establish and maintain cooperative and effective working relationships with others
Operate a variety of equipment, machinery, tools and instruments efficiently
Plan and organize work
Make arithmetic calculations quickly and accurately
Learn quickly to apply specific rules, policies and procedures of program to which assigned
Maintain records and prepare reports
Perform construction tasks appropriate to class projects

EDUCATION AND EXPERIENCE:

Any combination equivalent to: graduation from high school with industrial arts course work training, college-training in construction technology, four years experience working in the construction trades.

LICENSES AND OTHER REQUIREMENTS:

Valid California driver's license

WORKING CONDITIONS:

ENVIRONMENT:

Construction jobsite environment
Noise, fumes and equipment operations

PHYSICAL ABILITIES:

Lifting and carrying equipment and building materials
Pushing and pulling
Hearing and speaking to communicate with students and faculty
Seeing to observe student behavior and progress
Bending at the waist
Dexterity of hands and fingers to operate shop equipment
Reaching to demonstrate building techniques
Standing for extended periods of time
HAZARDS:

Working around tools, equipment and with machinery having moving parts
Exposure to fumes and gases from vehicle operation
Climbing on ladders and possible falling
Flying wood chips and possible eye hazards