

# Victor Valley Community College District

## Victor Valley College

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### Educational Master Plan 1998-2005+

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## Chapter 7: Overall Facilities Requirements

### 1. Overview

This chapter represents the overall facilities requirements of the District for the time period defined by this educational master plan. The requirements and planning described in this narrative have been shaped, in large measure, by the District's long-range vision for a facilities infrastructure and by the facilities needs identified by faculty and staff in earlier chapters of this volume. In addition, the following plan is, in part, dictated by the district's own ability to finance facility needs, and the impact of miscellaneous state funding, such as scheduled maintenance, to keep existing facilities current in fulfilling the district's academic mission and commitment.

#### 1.1 Current Facilities

District leadership has worked hard to plan for the current and anticipated future space and facility needs of the campus. From an inaugural semester head count of 500 students to today's headcount of 5,000 students in a typical semester, Victor Valley College has responded to the diversity of students and instruction by featuring a variety of facilities to support instruction, administration, student services, and community services. Today, the college boasts over 250,000 assignable square feet of space dedicated to instruction, research, and academic support.

#### Summary Description Of Infrastructure/Assignable Square Feet Victor Valley College

<i>Type of Room Usage</i>	<i>Assignable Square Feet (ASF)</i>
Classroom Space	30,991
Laboratory Space	82,470
Office Space	30,993
Library/AV/TV Space	19,141
Athletic/PE Space	21,425
General Use Space	39,380
Data Processing/Computing Sp.	2,162
Health Care Space	1,645
Residential Facilities	0
Other	28,245
<b>Totals:</b>	<b>256,452</b>

## **1.2 Anticipated Or Already Scheduled Facility Additions Or Improvements**

In the latest facilities plan, the district has already begun intensive planning for such new facilities as an Advanced Technology Complex, reconstruction of the current student services and administration buildings, and a comprehensive telecommunications infrastructure system.

## **2. Facilities Requested And Required**

### **2.1 Facilities Requested And Required By School/Department**

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#### **ADMINISTRATION OF JUSTICE**

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##### **Short Term (1998-2000):**

- Facilities requested/required*
- 2,500 sq. ft. building for five (5) classrooms, offices and storage space.
  - Office space within the Public Safety Center with computers having video-conferencing and Internet capability for courses offered on the Internet.

##### **Long Term (2001-2005+):**

- Facilities requested/required*
- 2,500 sq. ft. building for classrooms, office, storage.

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#### **ADULT CONTINUING EDUCATION (NON-CREDIT PROGRAM)**

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##### **Short Term (1998-2000):**

- Facilities requested/required*
- 200 square feet office space
  - 6 additional classrooms for new programs as indicated.

##### **Long Term (2001-2005+):**

- Facilities requested/required*
- Permanent facility for program, including 30-station lab and 4-5 classrooms.

#### **ALLIED HEALTH**

#### **Allied Health, CPR, EMT, Medical Assistant, Nursing Assistant/Home Health Aide, Paramedic**

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##### **Short Term (1998-2000):**

- Facilities requested/required*
- Identify facilities needed for clinical placement.

##### **Long Term (2001-2005+):**

- Facilities requested/required*
- Same as short term only extended.

## **ALLIED HEALTH Athletic Training**

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### **Short Term (1998-2000):**

*Facilities requested/required* • None identified.

### **Long Term (2001-2005+):**

*Facilities requested/required* • None identified.

## **ART AND DESIGN/PHOTOGRAPHY**

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### **Short Term (1998-2000):**

*Facilities requested/required* • Remodeling of the Art Annex to house a three-dimensional program facility.

### **Long Term (2001-2005+):**

*Facilities requested/required* • A new facility will be required to be able to present exhibitions and to house the museum's collection.

## **ATHLETICS**

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### **Short Term (1998-2000):**

*Facilities requested/required* • (4) offices.  
• Storage area in Main Gym and Auxiliary Gym.  
• Additional classrooms.

### **Long Term (2001-2005+):**

*Facilities requested/required* • (4) Classrooms.  
• Additional offices.  
• Storage areas.

## **AUTOMOTIVE**

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### **Short Term (1998-2000):**

*Facilities requested/required* • Expand automotive parking to include area adjacent to welding.  
• Relocate paint booth to expanded area.  
• Close in part of outside overhang of autoshop and construct machine shop area for all of the stationary equipment that applies to a machine shop.  
• Fence and pave the area between the auto shop and the construction technology building.

### **Long Term (2001-2005+):**

*Facilities requested/required* • Build dedicated autobody shop between paint booth and autoshop.  
• Build a storage building to hold educational equipment not used during a certain semester adjacent to new parking area.

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## BASIC SKILLS

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**Short Term (1998-2000):**

- Facilities requested/required*
- Office for math instructor.
  - Video/Teaching Learning Space—video conferencing, telecourses.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Office for counselor/assessment specialist.

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## BUSINESS ADMINISTRATION

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**Short Term (1998-2000):**

- Facilities requested/required*
- A 25-station computer lab.
  - The design and development of a smart classroom on campus with input from all departments.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Expand Business Computer Lab to 40 stations to meet the increase in course technology use.
  - There will be a need for access to classrooms and computer labs on weekends and non-instructional days. This is necessary to help meet the needs of businesses.

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## BUSINESS EDUCATION TECHNOLOGY

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**Short Term (1998-2000):**

- Facilities requested/required*
- None identified.

**Long Term (2001-2005+):**

- Facilities requested/required*
- None identified.

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## BUSINESS REAL ESTATE/ESCROW

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**Short Term (1998-2000):**

- Facilities requested/required*
- Dedication of two permanent on-campus classrooms.
  - One on-campus site location for Real Estate and Investments Lab.
  - Department office space of approximately 200 square feet.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Access to a classroom, three evenings and one day per week, with a minimum of 25 computer stations.

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## CHEMISTRY

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**Short Term (1998-2000):**

- Facilities requested/required*
- Prep/stock area remodeling for safety and utility.
  - Permanent unlock of "inner" doors.
  - Remove fluorescent lights and replace with incandescent lights.

**Long Term (2001-2005+):**

- Facilities requested/required*
- None identified.

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## CHILD DEVELOPMENT

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**Short Term (1998-2000):**

- Facilities requested/required*
- Office space for new faculty member by Fall 1998.
  - Renovate two existing portables to provide a school-age child care classroom on campus by Spring 1999.
  - Complete construction of permanent child care facility on upper campus by Fall, 2001.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Office space for new faculty member by Fall 2001.

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## COMPUTER INFORMATION SYSTEMS

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**Short Term (1998-2000):**

- Facilities requested/required*
- Establish and maintain state-of-art instructional and course delivery facilities.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Establish and maintain state-of-art instructional and course delivery facilities.

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## CONSTRUCTION TECHNOLOGY

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**Short Term (1998-2000):**

- Facilities requested/required*
- Model classroom facility located near the Construction Technology Center.
  - Designated open space for tractor operation.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Model home facility located near the Construction Technology Center.

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## COOPERATIVE EDUCATION

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**Short Term (1998-2000):**

- Facilities requested/required*
- Larger office space.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Larger office space.

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## DRAFTING TECHNOLOGY

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**Short Term (1998-2000):**

- Facilities requested/required*
- Classroom facilities for CADD Production and CAD-CAM Program.

**Long Term (2001-2005+):**

- Facilities requested/required*
- None identified.

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## ELECTRONICS AND COMPUTER TECHNOLOGY

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**Short Term (1998-2000):**

- Facilities requested/required*
- Complete Electronic Building modifications associated with the conversion of former classrooms EL-1 and EL-2 in electronics and computer technology laboratories. Major items include: install observation windows in walls between rooms EL-3 and EL-2 and also between rooms EL-2 and EL-1, construct small instructor's platform in room EL-1, carpet room EL-1, reposition electrical outlets in room EL-1, install glass door between rooms EL-2 and EL-1, modify alarm system, and modify two doors.

**Long Term (2001-2005+):**

- Facilities requested/required*
- None identified.

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## ESL

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**Short Term (1998-2000):**

- Facilities requested/required*
- Small room (150 sq. ft.) for ESL library.
  - Additional classrooms at off-campus venues in the community.

**Long Term (2001-2005+):**

- Facilities requested/required*
- ESL lab (1,200 sq. ft.).

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## FIRE TECHNOLOGY

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**Short Term (1998-2000):***Facilities requested/required*

- Obtain and maintain adequate fire technology classroom facilities. Minimum of four classrooms, with office and storage space to support concurrent classes in session. Storage facilities suitable for fire equipment (ladders, hose, nozzles, etc.), apparatus and vehicles. Classrooms designed with adult learning in mind using the latest audio-visual presentation systems for maximum effect. Security for displays and demonstration models required.
- Provide an on-campus fire station with four fire apparatus bays, training facilities including a fire training tower, classrooms and offices. Provide an actual fire station environment for work experience and apprenticeship students to gain on-the-job experience. Contract with City of Victorville for operation of fire station to provide fire protection services to the college and surrounding community (Spring Valley Lake, and portions of Hesperia and Apple Valley).

**Long Term (2001-2005+):***Facilities requested/required*

- None identified.

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## LANGUAGE

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**Short Term (1998-2000):***Facilities requested/required*

- None identified.

**Long Term (2001-2005+):***Facilities requested/required*

- None identified.

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## LIFE SCIENCE

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**Short Term (1998-2000):***Facilities requested/required*

- Smart classroom.
- Adjunct faculty office.

**Long Term (2001-2005+):***Facilities requested/required*

- None identified.

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## MATHEMATICS

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**Short Term (1998-2000):***Facilities requested/required*

- 900 s.f. classroom.
- 1,000 s.f. for MMIL.
- 400 s.f. Mathematics Department office.
- 600 s.f. for ME storage.

**Long Term (2001-2005+):***Facilities requested/required*

- None identified.

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## MUSIC

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**Short Term (1998-2000):***Facilities requested/required*

- More practice rooms, including at least 2 ensemble sized rooms; practice rooms to include computers; ensemble rooms to include variable acoustics (i.e. Wenger Z room) and on demand audio/video recording/playback.
- Office space for the instrumental program and additional faculty.
- Large lecture facilities equipped with concert video/audio playback, computer projection and wireless or hard docking lab connections for student computers-- Music 1 and Music 6 can suit this function.
- Meeting rooms for smaller seminar groups as needed.
- Access to campus computer labs for lab and Internet portion of course.

**Long Term (2001-2005+):***Facilities requested/required*

- Complete remodeling of current music facilities or construction of new facilities.
- Remodel to include:
  - **Instrumental Rehearsal Center:** 3,000 s.f. minimum, 700,000 c.f. nominal, with full sound proofing and tuned acoustics, meeting all OSHA standards for hearing safety; Wenger Z room or other variable acoustics and full range on-demand audio/video concert recreation recording/playback systems; studio style quiet climate control systems.
  - **Choral/Vocal Rehearsal Center:** 2,000 s.f. minimum, 500,000 c.f. nominal, with full sound proofing and tuned acoustics, meeting all OSHA standards for hearing safety; Wenger Z room or other variable acoustics and full range on-demand audio/video concert recreation recording/playback systems; could be designed to function as full studio.
  - **Piano/Theory Lab:** minimum of 30 stations, soundproofed; audio/video recording/playback systems; 30 MIDI piano lab units interfaced with computers.
  - **Practice Rooms:** at least 6 small rooms and 2-4 ensemble rooms (12-15 people); all rooms to have computers, most to have pianos; ensemble rooms to have on demand video/audio recording/playback.
  - **Music Library:** 500 s.f. minimum with proper storage shelves for scores, videos, CD's and other departmental materials.
  - **Offices:** central music office; large studio offices connected to instrumental and choral rooms; 3 offices, office space (possibly in central office) for part time faculty.
  - **Storage:** adequate for storage of instruments, uniforms, equipment as needed--pianos, piano lab units, band and orchestra instruments, rehearsal chairs, music stands, computers, video/audio, and other equipment as noted above or as appropriate.
- Restructure rooms to support CORE program as needed.

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## NURSING

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**Short Term (1998-2000):***Facilities requested/required*

- Skills lab with additional beds and space.
- Meeting room.

**Long Term (2001-2005+):***Facilities requested/required*

- None identified.

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## ORNAMENTAL HORTICULTURE

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**Short Term (1998-2000):**

*Facilities requested/required* • None identified.

**Long Term (2001-2005+):**

*Facilities requested/required* • None identified.

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## PHILOSOPHY/RELIGIOUS STUDIES

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**Short Term (1998-2000):**

*Facilities requested/required* • Additional classroom space.  
• Adjunct Instructor Office.

**Long Term (2001-2005+):**

*Facilities requested/required* • Additional 30% classroom space.  
• Faculty office.

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## PHYSICAL EDUCATION

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**Short Term (1998-2000):**

*Facilities requested/required* • Office space for existing faculty and additional faculty (1 office per FT instructor and 1 office per 2 adjunct instructors).  
• Coordinate use of facilities with Physical Education and athletics.

**Long Term (2001-2005+):**

*Facilities requested/required* • Pool.  
• Track and field facility.  
• Larger equipment storage facility.  
• Office space to accommodate new instructors (1 per 1 full-time, 1 per 2 adjunct).  
• Separate storage.  
• Separate offices.

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## PHYSICAL SCIENCE

### Astronomy, Geology And Physical Science

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**Short Term (1998-2000):**

*Facilities requested/required* • None identified.

**Long Term (2001-2005+):**

*Facilities requested/required* • None identified.

## PHYSICAL SCIENCE Geography

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### Short Term (1998-2000):

- Facilities requested/required*
- Permanent classrooms for all disciplines within the Social Science Department now including Anthropology, Geography, History, Political Science, and Sociology.
  - Locate a permanent Physical Geography Laboratory classroom and purchase equipment to accommodate eight stations with 4-5 students per station.

### Long Term (2001-2005+):

- Facilities requested/required*
- A permanent Social Science building or wing where dedicated lecture and laboratory classrooms in all five disciplines would be housed.

## PHYSICAL SCIENCE Physics

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### Short Term (1998-2000):

- Facilities requested/required*
- None identified.

### Long Term (2001-2005+):

- Facilities requested/required*
- None identified.

## PSYCHOLOGY

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### Short Term (1998-2000):

- Facilities requested/required*
- 1,000 s.f. "smart" classroom to meet all program needs.
  - 250 s.f. of office space for faculty and staff to meet all program needs.

### Long Term (2001-2005+):

- Facilities requested/required*
- Additional 850 s.f. computer lab space as required by program growth.
  - Additional 125 s.f. of office space for faculty to meet course goals.

## RESPIRATORY THERAPY

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### Short Term (1998-2000):

- Facilities requested/required*
- 5,000 s.f. lab space to meet all programs needs indicated to year 2001.

### Long Term (2001-2005+):

- Facilities requested/required*
- None identified.

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## RESTAURANT MANAGEMENT

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**Short Term (1998-2000):**

- Facilities requested/required*
- Utilize SAC Conference Center for training in catered events; for expanded revenue opportunities; absorb the Food Court Area for training the disadvantaged- and feed the Student Population; expand the Faculty/Staff Dining Area to accommodate demand.

**Long Term (2001-2005+):**

- Facilities requested/required*
- None identified.

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## SOCIAL SCIENCE Anthropology

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**Short Term (1998-2000):**

- Facilities requested/required*
- Dedicated "smart" classroom for Anthropology lecture and lab classes.
  - Additional dedicated workspace areas for lab/field classes, with storage areas and equipment.
  - Location(s) for the Anthropology museum displays.
  - Dedicated Laboratory space and storage facilities for plastination process.

**Long Term (2001-2005+):**

- Facilities requested/required*
- Expansion of laboratory workspace(s) and storage facilities as needed.
  - Possible separate location for museum displays.
  - Improve and enlarge the system to fit plastination needs.

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## SOCIAL SCIENCE History

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**Short Term (1998-2000):**

- Facilities requested/required*
- None identified.

**Long Term (2001-2005+):**

- Facilities requested/required*
- None identified.

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## SOCIAL SCIENCE Political Science

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**Short Term (1998-2000):**

- Facilities requested/required*
- Part-time access for political science students to a campus computer lab.

**Long Term (2001-2005+):**

- Facilities requested/required*
- 1,200 s.f. for dedicated lab/class space to meet all program needs indicated.

## SOCIAL SCIENCE

### Sociology

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#### Short Term (1998-2000):

- Facilities requested/required*
- A permanent dedicated Sociology classroom with “smart” technology (computer, video projection, lighting).
  - Develop a Sociological component to a dedicated social science computer lab.
  - Dedicated Sociology Classroom.

#### Long Term (2001-2005+):

- Facilities requested/required*
- A permanent dedicated Social Science complex (building or portion of building) where a dedicated sociology classroom could be located.
  - A dedicated Social Science computer lab located in the Social Science building.

## SPEECH/THEATER ARTS

### Speech

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#### Short Term (1998-2000):

- Facilities requested/required*
- The following parameters are drawn from the 1995 program review that cites an ideal facility already in place at Mt. San Jacinto College. Two buildings fit the following description.

*The building consists of a large room (930 square feet) which can easily accommodate 65+ people and which is bordered by four smaller rooms (225 square feet each) which open into it. The large room is used for the opening mini-lecture and closing discussion with the instructor. The smaller rooms are used for the video-taped deliver of speeches by four groups of 12 to 15 students and their peer facilitators.*

*This facility enables all video equipment and materials to be stored at that site.*

*Several possibilities exist for creating appropriate facilities. The old science building could provide the shell for the facility with interior walls built to accommodate the design and needs of this facility. Other possibilities would be to build a new building similar to the one at Mt. San Jacinto, to incorporate a similar structure into the Performing arts complex, or to convert the overhang on the existing music building into small group rooms and use Music 1 as the large lecture room. The science building conversion would be the most efficient.*

This model could serve sign language and theater courses as well.

- If a facility were built in conjunction with a black box theater (see Theater Arts cluster) some equipment could be shared.
- Office space for all full-time speech communication faculty that allows frequent contact.

#### Long Term (2001-2005+):

- Facilities requested/required*
- None identified.

## SPEECH/THEATER ARTS

### Theater Arts

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#### Short Term (1998-2000):

*Facilities requested/required*

- BLACK BOX THEATER - TWO CHOICES

#### I. OFF CAMPUS LOCATION

The description and requirements for a Black Box Theater that follow are drawn from the facilities plan submitted in 1994.

*A "Black Box Theater" is an unadorned, flexible performance space that has no fixed seating and no fixed stage area. A variety of staging types are possible including thrust and in-the-round. The term "black box" comes from the fact that most of these small performing spaces are painted basic flat black. Seating is very limited, usually no more than 100 to 110 seats. They are used for a variety of small performances that don't require full-sized theaters including student productions, laboratory productions, acting and technical workshops, classes, etc.*

*The concept of a black box theater in a shopping center is not new. There are several in the greater Los Angeles area that serve the outlying communities or colleges. All of these black boxes are housed in buildings that were modified to provide the kind of central performing space needed for a black box theater.*

For a typical black box theater, the following would be required:

- Square footage: Approximately 1,600 square feet would be needed for the actual performing space including the audience area. It needn't be perfectly square (40' x 40'), but close to it. Additionally, some 300 square feet of storage, backstage, and auxiliary space would be needed, bringing the total to 1,900 to 2,000 square feet.
- Electrical requirements: For a small to moderate sized lighting system, a dedicated 200 amp power source would be needed. In addition, a separate source of 100 amps for sound, outlets, and work lights would be required.
- Height requirements: A clear floor-to-overhead height of 12 to 14 feet would be ideal. A clearance of 10 feet would be absolutely minimum.
- Parking: Parking for 40 to 60 vehicles would be needed assuming an audience of approximately 100 and a cast and crew of approximately 12. Since virtually all performances would take place in the evenings and around weekends, adequate parking lot lighting would be a necessity.

*A "black box" theater is a performance/laboratory/classroom space that is used on a daily basis throughout the year. It can be an attractive addition to any shopping center in that it can bring an average of 85 to 100 people a week into the center. During performances, the average would be much higher. Additionally, arrangements could be made with a center restaurant to offer "dinner theater" in conjunction with performance. There are many possibilities available with neighboring merchants.*

*There are many additional uses of the black box theater besides the Theater Department's utilization. The space could be used by the various community theater groups for their productions. With the installation of appropriate equipment, it could also be the origination point for distance delivery of academic courses, teleconferencing and marketing. It also places the College out into the community to make our mission and presence more visible.*

*In summary, a "black box theater" located in a store front of a local shopping center offers considerable advantages to the college, the shopping center, the community, and to the students.*

#### II. ON CAMPUS FACILITY

A facility built on campus could be designed to meet a variety of needs and allow

## SPEECH/THEATER ARTS

### Theater Arts

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creative use of a variety of departments on campus.

In addition to the basic features in choice one, the following cross departmental functions could be served:

- Drafting lab: set design and conventional drafting
- Lighting lab: lighting design and facility for photography for special projects and video production
- Costume lab: costume courses and development of a facility to rent costumes to outside groups
- Scene shop with facilities not available in the present stagecraft area such as paint pit

#### **Long Term (2001-2005+):**

*Facilities requested/required* • See short term.

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## WELDING

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#### **Short Term (1998-2000):**

*Facilities requested/required* • Maintain up-to-date facility and equipment utilizing a yearly replacement schedule.

#### **Long Term (2001-2005+):**

*Facilities requested/required* • Ten additional work stations in the welding lab to include building expansion.