

EQUIPMENT

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The Evergreen State College, as of March 1, 1974, had an equipment inventory totaling \$5,819,000. This inventory list generally includes equipment items valued in excess of \$100.00 and items that were not installed or purchased as part of an original building. Thus, the dollar value indicated does not include items such as built-in laboratory furniture, fume hoods, or some types of removable equipment included in building specifications and provided by the building contractor (sterilizers, some incubators, dischwashers, deionizers, some refrigerators, etc., fit into this category).

The college is not organized on a departmental, or divisional basis. An effort has been made to cluster equipment items as to principle teaching use (e.g., musical instruments, science laboratory instruments, equipment for instruction in art, etc.). The interdisciplinary approach at Evergreen allows for much sharing of equipment. Thus lasers may be used by both scientists and artists; the scanning electron microscope serves students interested in structure either from an aesthetic or a scientific point of view. The college finds that lack of departmental barriers greatly increases access to instructional equipment by allowing maximum sharing and thereby allowing for maximum stretching of equipment dollars. The following indicates the kinds and amount of equipment (a computer inventory listing all equipment items alphabetically is being developed):

Capitalized Value Of Equipment Owned Or To Be Purchased By The Evergreen State College As Of June 30, 1974.

Science Laboratories	\$ 898,000
Computer Services	212,608
Music	105,000
Drama, Dance	39,000
Arts, Graphics, Plastic, Film (less media), etc.	353,000
Media (A-V, TV, Film, Media Services, Loan, etc.)	684,025
Library	
Books	1,062,920
Periodicals	176,100
Non-Print Items	194,407
	<u>1,433,427</u>

Housing & Dining Equipment	492,231
Classroom Furniture	106,774
General Furniture, Office Machines, etc.	1,528,341
Plant Operations, Vehicles, Security Equipment	421,856
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TOTAL	\$6,274,262

The Evergreen State College is exceptionally well equipped for an undergraduate college and makes available sophisticated, state of the art, equipment for undergraduate use. In this way students work with instruments that are currently being used in research and other advanced studies. For example, the college has the only field emission scanning electron available in the State of Washington. The Fourier Transform IR spectrometer with built-in computer is a powerful teaching and research tool. Facilities for gas chromatography, spectroscopy of all kinds, and other analytic tools provide up to date learning opportunities. Ultracentrifuges, a Beckman dynagraph, scintillation counters, controlled environmental chambers, and extensive greenhouse, animal room facilities and shops provide ideal equipment for work in the sciences. Because Evergreen's programs do not run students through laboratories by the numbers, we have been able to buy fewer, but better microscopes, calculators, binoculars, etc. Self-paced learning units are designed to teach students to use instruments effectively and instrumentation modules allow users to go beyond the black box stage of instrument use in their studies.

At present the college has many noteworthy assets, and no real deficiencies in the laboratory area. A second building is under construction that will provide additional laboratory space including an herbarium and specialized radiation studies laboratory. Film, TV and other media facilities equipment are described in the library section of this report.

The laboratory arts are not so well provided for. A building planned for the graphic arts was not funded; however, the second phase laboratory building now under construction will house facilities for lithography, jewelry making, silk screening, design, painting, batik, and general crafts. Currently this work is being carried on in temporary facilities in a temporary building, the laboratory building and annex (which houses the ceramics studios and areas for wood and metal sculpture), and the library basement. All of the equipment for the arts is of good quality. Some \$1,500,000, appropriated with Phase II Laboratory, is available for the purchase of instructional equipment in the next two years. Equipment for the arts will be greatly increased as more space becomes available in 1975.

Music instruments include synthesizers, pianos, and other instruments needed for instruction. The quick access that our students have to such sophisticated electronic equipment as the BUCLA synthesizer is probably

unique for a school of this size. Music instruction will occupy new acoustically treated space in the Seminar Building this summer. The purchase of additional instruments is currently under way.

Student access to computer terminals, media materials, and other kinds of instructional equipment is excellent. Cameras can be checked out in the same manner as books. Computer terminals, calculators, typewriters, microfiche readers, etc., are available pretty much on demand. Carrels in the self-paced learning and learning resource centers are well-equipped.

The college is most deficient in instructional facilities in the areas of music, dramatic arts, and graphic arts. However these deficiencies are being overcome in imaginative ways. The main lobby of the library becomes the asylum for a production of Marat/Sade. Potters and botanists, lithographers and holographers, painters and chemists work in adjoining laboratories. This has enhanced the cross-disciplinary and interdisciplinary atmosphere of the college. As the \$1,500,000 available for instructional equipment is judiciously used over the next two years, most deficiencies should be corrected.