Title: University of California, Irvine, Department of Information and Computer Science records
Identifier/Call Number: AS.043
Contributing Institution: Special Collections and Archives, University of California, Irvine Libraries
Language of Material: English
Physical Description: 2.2 Linear Feet (6 boxes)
Date: 1965-1984
Abstract: This collection consists of records documenting the University of California, Irvine's computer systems, facilities, and programs from 1965-1984. It includes information about UCI's early technology efforts and the Physics Computer Development Project, as well as manuals, user guides, and articles by faculty members.
Creator: Bork, Alfred M.
Creator: University of California, Irvine. Department of Information and Computer Science.
Access
The collection is open for research.
Publication Rights
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Acquisition Information
Transferred from unknown source in 1982.
Processing History
Processed by Laura Uglean Jackson, 2014.
Historical Background
The Department of Information and Computer Science began in 1966 as the Program in Information and Communication Science and was one of the earliest departments of its kind in the country. Since the department's founding, there was an emphasis on using the computer in teaching and instruction. As an example, the Physics Computer Development Project, begun in 1969, was a National Science Foundation supported initiative to identify areas where the computer might yield significant advances in the teaching of physics. The program tested computer programs and strategies in formal courses with students. From the 1960s-1970s, the department was involved with computing for campus-wide administrative and research purposes, although to a lesser degree than instruction. Computers were available for use by students since UCI's founding in 1965. The number of computers and quality of technology grew steadily throughout the 1970s and 1980s.
Collection Scope and Content Summary
This collection consists of records documenting the University of California, Irvine's computer systems, facilities, and programs from 1965-1984. It contains information on early uses of the computer in instruction, notably in the field of physics through the Physics Computer Development Project. Information about this project was largely written by Alfred Bork. The collection also includes documents about UCI's early technology efforts through campus-wide technology plans, research and partnership proposals, and guides for using the UCI Computing Facility. The bulk of the collection consists of manuals and user guides for a variety of operating systems, hardware, and computer languages employed at the UCI campus. In addition, there are articles and papers about UCI's computing operations by UCI faculty.
Arrangement
This collection is arranged in four series. Series 1 is arranged alphabetically and described at the folder level. All other series are described at the series level.
Series 1. Computer Technology History, 1965-1982, 0.4 linear feet
Series 2. Physics Computer Development Project, 1968-1977, 0.3 linear feet
Series 4. Articles and Papers by Faculty, 1971-1983, 0.3 linear feet
Related Collections
Related materials are found in the following collections:
Alfred M. Bork papers, MS-F035, [http://www.oac.cdlib.org/findaid/ark:/13030/kt196nd9sj/](http://www.oac.cdlib.org/findaid/ark:/13030/kt196nd9sj/)
University of California, Irvine, Central Records Unit records, AS-004, [http://www.oac.cdlib.org/findaid/ark:/13030/kt3r29p4wq/dsc/](http://www.oac.cdlib.org/findaid/ark:/13030/kt3r29p4wq/dsc/)

**Subjects and Indexing Terms**
University of California, Irvine. Department of Information and Computer Science. -- Archives
University of California, Irvine. -- Archives
Computers -- California -- Irvine -- History -- Sources.
Educational technology -- California -- Irvine
Physics -- Computer-assisted instruction

**Computer technology history** Series 1. 1965-1982

**Physical Description:** 0.4 linear feet.

**Series Scope and Content Summary**
This series contains information on the university's general computer technology history. It includes documents from the UCI Computing Facility such as program abstract, computing guide, catalog of available technology, and activities report. It also contains campus-wide computing plans, reports from the partnership between IBM and UCI and syllabi for computer engineering courses.

- Box 1, Folder 1
  - Computer Systems and the University of California, Irvine 1965
- Box 1, Folder 2
  - Computing Plan Update 1979
- Box 1, Folder 3
  - The IrvineNet: An NSF-CER Proposal form UC Irvine 1982
- Box 1, Folder 4-5
  - Joint Quarterly Report UCI-IBM Educational Applications Project 1967
- Box 1, Folder 6
  - A Proposal for Support of the UCI Program in Computer-Aided Instruction and Information Technology 1965
- Box 1, Folder 7
  - A Research and Educational Center Devoted to the History of Information Processing 1980
- Box 1, Folder 8
  - School of Engineering, EE 140: An Introduction to Control System Workbook 1981
- Box 1, Folder 9
  - School of Engineering, Engineering 10: Computational Methods in Engineering 1982
- Box 1, Folder 10
  - UCI Computing Facility Activities Report 1966
- Box 1, Folder 11
  - UCI Computing Facility Campus-Wide Computing Plan 1977
- Box 1, Folder 12
  - UCI Computing Facility Catalog 1974
- Box 1, Folder 13
- Box 1, Folder 14
- Box 1, Folder 15-16
  - UCI Computing Facility - Getting Personal with Computing, Seminar Notes undated

**Physics computer development project** Series 2. 1968-1977

**Physical Description:** 0.3 linear feet.

**Series Scope and Content Summary**
This series contains information about the Physics Computer Development Project, a UCI program supported by the National Science Foundation to search out areas where the computer might yield significant advances in the teaching of physics. It contains numerous papers about the program written by Alfred Bork, a lead professor for this project. There are also course materials written by Bork and his colleagues.

- Box 2, Folder 1
  - UCI Computing Facility - Getting Personal with Computing, Seminar Notes undated
- Box 2, Folder 2
  - UCI Computing Facility - Program Abstract 1974
- Box 2, Folder 3
  - UCI Computing Facility - So You Want to Use the Computer 1966
- Box 2, Folder 4-47

AS.043
Computer manuals and user guides Series 3. 1966-1984

Physical Description: 1.2 linear feet.

Series Scope and Content Summary
This series contains manuals and user guides for computers, systems, and languages used at UCI.

Articles and papers by faculty Series 4. 1971-1983

Physical Description: 0.3 linear feet.

Series Scope and Content Summary
This series contains published articles and papers by UCI faculty members working with computers.