

W E S T   B A N K   B U F F E R

West Bank Computer Center  
University of Minnesota

SUMMER SESSION 1975

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COMPUTER CENTER OPERATING HOURS

Input/Output Room - 90 Blegen Hall  
8 a.m. - 10 p.m. Monday - Friday  
8 a.m. - 4 p.m. Saturday  
Closed Sunday

Timesharing Lab - 167 Social Science  
8 a.m. - 10 p.m. Monday - Friday  
8 a.m. - 4 p.m. Saturday  
Closed Sunday

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**WARNING:** All Those Who Enter Do Not Compute Honestly. Please Safeguard Your Account.

Unauthorized use of computer accounts continues to occur at the University. Recently reported instances emphasize the need to remind users of measures they should take to protect their accounts. These measures are not foolproof; nor are they the only possible measures that can be taken. There are two simple procedures which users should be aware of for safeguarding computer accounts:

1. Change the account password. This is particularly important if the password has not been changed from DUMMYPW. To change passwords, use the following control card:

PASSWOR,old password,new password.

Instructors can change the passwords on instructional accounts by contacting Mr. Foster at 373-5757.

2. Don't interpret your ACCOUNT card. The PRINT switch on the keypunch machines can be turned to the OFF position preventing printing on the top of the card. This keeps potential thieves from reading your account number and password on your account card.

Users who suspect unauthorized usage of an account should contact computer center personnel. There are additional measures which can be taken to prevent this unauthorized use.

COMPUTER ACCOUNTS

Computer accounts expire on June 30, 1975. Users should renew their accounts as soon as possible to assure continuous access to the university computer facilities. Forms for both renewal and new accounts for 1975-1976 can be obtained in the West Bank Computer Center office (93c Blegen Hall; 373-3608).

# WEST BANK COMPUTER CENTER DIRECTORY

Consulting (class)	See your T.A.
Consulting (statistical packages)	
OMNITAB	167B SS
SPSS	25 BLEG
Keypunches	86 BA 25 BLEG
Lister/Remote terminal (Univac 1004)	167 SS
Lost and found, missing decks	90 BLEG
Manuals, program documentation	90 BLEG 167 SS
Reproducer	167 SS
Sorter	25 BLEG
Time-sharing laboratory (teletypes)	167 SS
When all else fails	90C BLEG

## EQUIPMENT CHANGES TO AFFECT WEST BANK COMPUTING

Equipment changes at the West Bank Computer Center and changes in the MECC/MERITSS system will affect computing at the West Bank this summer. Whenever possible these changes have been scheduled to minimize inconvenience to users, but some inconvenience can be expected. The planned changes and anticipated timetable are presented as they affect timesharing and batch users.

Timesharing. The Minnesota Educational Computing Consortium (MECC) is replacing its present CDC 6400 with a Univac 1110. The 6400 will be unplugged on August 23, 1975. It will be accessible for usage through Summer Session II.

The Univac machine is presently installed and being tested. The Univac system will be ready for instructional timesharing use for the 1975-1976 academic year. The MECC/MERITSS Newsletter (26 March 1975) presents a detailed description of progress and plans for the conversion to the MECC/Univac System. Thea Hodge is the University conversion coordinator (373-4599).

The teletypes located in the West Bank Timesharing Laboratory (167 Social Science) will be out of service for a period following second summer session (i.e. after August 23). During this time necessary modifications will be made to permit use of these teletypes on the MECC/Univac system. In addition, a number of CRT terminals have been requested to supplement the teletypes presently available to timesharing users.

West Bank Changes. The card reproducer located in 167A Social Science is being removed. The earliest date for this change is July 1, 1975. Present plans call for replacing this machine with a reproducing card punch attached to the Univac 1004. The card punch is being obtained by the University Computer Center. Installation of the card punch should take place by fall quarter.

The Control Data 3200 in Blegen Hall is going to be replaced by another CDC 3200. This changeover is scheduled for after Summer Session II, either the last week in August or the first week in September. This changeover is expected to be completed in 1-2 days. During this time the West Bank station (Blegen Hall) will not be operating as a terminal to the Cyber 74. When a date for the changeover has been scheduled, notices will be posted in 90 Blegen Hall.

None of the changes taking place this summer will affect the Univac 1004. Users should expect uninterrupted access to the Cyber via this terminal (located in 167 Social Science).

## SUMMER SESSION SHORT COURSES

These are the short courses offered by UCC during Summer Session I and Summer Session II, 1975. Registration is not required and no fees are charged. When a book or manual is recommended, you will find it available in one of the University bookstores. We strongly urge that anyone new to the Computer Center attend the INTRODUCTION TO THE COMPUTER CENTER seminar.

### INTRODUCTION TO THE COMPUTER CENTER

A general introduction to the computer center; equipment, terminal locations, account numbers, job submissions, keypunch sites, tape purchase, necessary forms; how to use the center.

DAYS : June 17 (Tuesday)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: R. Franta  
 REFERENCES: Materials from instructor.

### KRONOS CONTROL CARDS

An introduction to the KRONOS 2.1 operating system and descriptions of control cards.

DAYS : July 7,9,11 (M,W,F)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: R. Franta  
 REFERENCES: Materials from instructor.

### BEGINNING FORTRAN

A presentation of the basic features of the FORTRAN language. FORTRAN was the first language to be used widely for numeric computations and is also used in other computational areas. We teach a version of FORTRAN IV.

DAYS : June 18,20,23,25,27,30 (M,W,F)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: R. Franta  
 REFERENCES: MNF Reference Manual

### ADVANCED FORTRAN

ENCODE/DECODE, use of Hollerith characters, ECS, overlays, COMMON, load maps, debugging, dump reading.

DAYS : July 23,25,28,30, Aug. 1,4  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: R. Franta  
 REFERENCES: MNF Reference Manual

### PASCAL

This is a general purpose procedure-oriented language designed as a data structuring successor to ALGOL-60 and intended as a convenient basis to teach programming and well as an efficient tool for writing large programs.

DAYS : June 23,25,27,30, July 2 (M,W,F)  
 HOURS : 2:30 - 4:00 PM  
 ROOM : 309 Aero  
 INSTRUCTOR: A. Mickel  
 REFERENCES: PASCAL, User Manual & Report (Jensen & Wirth, Springer-Verlag, 1974)

### SNOBOL

SNOBOL4 is a string processing and symbol manipulation language used primarily for non-numeric applications. This version of SNOBOL is generalized, possessing datatypes other than those related to handling strings.

DAYS : June 23,25,27,30, July 2 (M,W,F)  
 HOURS : 9:05 - 10:35 AM  
 ROOM : 309 Aero  
 INSTRUCTOR: A. Mickel  
 REFERENCES: The SNOBOL4 Programming Language (Griswold, et alia, Prentice-Hall, 1971)

### STATISTICAL PACKAGES @ UCC WITH EMPHASIS ON SPSS

This course emphasizes the use of SPSS but also offers information on BMD, UMST, and OMNITAB.

DAYS : June 24,26 (T,Th)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: D. Anderson  
 REFERENCES: SPSS (Nie, et alia, McGraw-Hill, 1974)

### SYSTEM 2000

This course teaches the student how to use System 2000, a generalized data base management system. Techniques for defining data bases, retrieving and updating, and using the data base through FORTRAN and COBOL are discussed.

DAYS : July 1,3,8,10,15,17 (T,Th)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: J. Cosgrove  
 REFERENCES: System 2000 Reference Manual  
System 2000 Users Guide

### SYSTEM 2000 REPORT WRITER & PROGRAMMING LANGUAGE INTERFACE

DAYS : July 14,16,18 (M,W,F)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: S. Nachtsheim  
 REFERENCES: System 2000 Reference Manual  
System 2000 Users Guide

### RECORD MANAGER

Record Manager is the input/output interface for the Level 4 versions of FTN, COBOL, and SORT/MERGE. Record Manager has 5 modes of I/O: sequential, word addressable, indexed sequential, direct access, and actual key.

DAYS : July 8,10,15,17,22,24,29,31 (T,Th)  
 HOURS : 2:30 - 4:00 PM  
 ROOM : 309 Aero  
 INSTRUCTOR: H. Kurs  
 REFERENCES: CDC Record Manager Reference Manual

### GRAPHICS (plotting software and devices)

Descriptions of the plotting software and devices available at UCC; course is FORTRAN oriented.

DAYS : July 14,15,16,17,18 (M-F)  
 HOURS : 1:25 - 2:15  
 ROOM : 309 Aero  
 INSTRUCTOR: M. Frisch  
 REFERENCES: PLOTPAC and SCLPLT writeups, other materials from instructor.

### Summer Session II SPSS (repeat of 1st session)

DAYS : July 29,31 (T,Th)  
 HOURS : 2:30 - 4:25 PM  
 ROOM : 225 Aero  
 INSTRUCTOR: D. Anderson  
 REFERENCES: SPSS (see above)

NOTE: Courses may also be offered on the West Bank if sufficient interest is shown. Watch for announcements in SYSNOTE and on the West Bank Computer Center bulletin boards.