

9-1-1973

Terminal Talk - The Wofford Connection - September 1973

Wofford College Computer Center

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Recommended Citation

Wofford College Computer Center, "Terminal Talk - The Wofford Connection - September 1973" (1973). *Terminal Talk*. Paper 53.
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TERMINAL FILE

-THE WOFFORD CONNECTION-

Wofford College Computer Center

Spartanburg, South Carolina

September 1973

Issue No. 43

Usage Report

The table below presents a comparison of the terminal usage for the year ending 31 August 1972 and 31 August 1973. A considerable increase in the number of users can be seen as well as an increase in the number of CPU seconds. At the same time however, there has been a decrease in the number of connect minutes, indicating a more efficient computer time utilization. The increase in the number of users under the physics category is attributable to the use of the computer in two freshmen physics courses. The total connect time of 70,188 minutes is equivalent to 1169.8 hours or 3.2 hours for each day of the year.

<u>Category</u>	<u>Number of Users</u>		<u>CPU Seconds</u>		<u>Connect Minuets</u>	
	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>
Computer Science	63	54	89,129	57,200	27,052	20,406
Physics	11	95	7,877	29,057	2,481	14,848
Chemistry	19	14	9,537	3,788	5,176	1,871
Math	22	9	28,385	5,763	12,164	2,531
Biology	8	2	2,033	628	724	334
Psychology	13	3	7,458	10,484	4,531	891
Social Sciences	0	8	0	5,437	0	1,990
Art & Humanities	1	1	16	27	23	35
Research & Admin.	15	12	82,736	124,765	20,058	22,210
Other	<u>17</u>	<u>20</u>	<u>11,640</u>	<u>28,223</u>	<u>5,039</u>	<u>5,072</u>
Total	<u>109*</u>	<u>158*</u>	<u>238,811</u>	<u>265,372</u>	<u>77,248</u>	<u>70,188</u>

* Different Users

Financial Report, September 1972 - August 1973

<u>Category</u>	<u>Expenditure</u>
Computer Service	\$ 8,019.04
TTY & phone	1,063.82
Supplies	152.98
Assistant	375.00
Tax & Maintenance	692.34
Subtotal	<u>\$10,303.18</u>
Overhead	2,600.52
Total Gross Exp.	<u>\$12,903.70</u>
Income	119.40
Net Expenses	<u>\$12,784.30</u>

The expenditures for this year were about \$517.00 less than for the previous year. This was due primarily to going on a ~~more~~¹⁷⁰⁰¹ prime-time-only rate during the month of January and part of the month of December. During the fiscal year about 1169.8 terminal hours were logged by 158 different users. After a correction for the fact that computer bills are paid the month after the usage is logged, the average cost (including overhead) during the year was about \$10.68/hr. and the annual cost/user was \$80.91. A decrease in cost/hour was obtained by applying a net income of \$119.40 obtained by selling computer time to local high school students and businesses.

GAME

A managerial simulation game is available which simulates the operation of two corporations. Two players can make decisions regarding prices, advertising, production, and stock dividends. As in the real world, the idea is to maximize profits and stay solvent. Details are available at the computer center.

CATALOG

A new catalog of C-A-C programs has been received. Many new programs are now available in all fields. Sorry, only one copy is available, but it may be seen at the computer center.

CONTROL K

A feature seldom utilized by BII users is the Control K key character for line feeds. In a print statement you may include within quotation marks the number of line feeds desired by holding down the control key and then typing the K key.

This feature should be used where the program is stored for frequent use or where several printouts are desired. The Control K does not list back on teletype paper tape from the computer as a Control K character. If you list your program on paper tape the character is not recognized by the computer when it is reloaded.

COMPUTER CENTER MOVED

The computer center has now moved next door. The terminal is now located in room 115 of the Milliken Science Building.