HIGHLIGHTS OF THE FALL SEMESTER OF 1985 FOR THE COMPUTER BASED HONORS PROGRAM:

The University of Alabama's Office of Academic Affairs renewed its grant of $10,000 to the Computer Based Honors Program to conduct a FACULTY COMPUTER LITERACY PROGRAM. The first session was a phenomenal success. The forty "faculty-students" thrived under the individual supervision of the "student-teachers," accomplishing and in most cases exceeding their objectives of acquiring a level of computer competency. The "student-teachers" who worked on an individual basis with the "faculty-students" learned as much or more, and worked very hard to make it a rewarding experience for the participants.

In addition to the IBM PC/AT, Apple II Plus, and UL100 terminal for the Sperry mainframe, the CBHP COMPUTER LAB now boasts an IBM 3179 terminal, hardwired to the University's IBM 3081D, thanks to the continued support of Mr. Danny Reese, the Computer Center Director.

DR. JAMES CASHMAN, Associate Professor of Management and Marketing, worked for a month with the advanced students on GROUP DYNAMICS: HOW TO IMPLEMENT A GROUP PROJECT SUCCESSFULLY. He was followed by MR. KEN TOBOLA, Corporate Information Services Manager, Gulf States Paper Corporation, who spent the next month discussing "PRIORITIES AND INTER-
PERSONAL SKILLS IN A TECHNOLOGICAL ARENA" with the students. DR. ROBERT BATSON, Associate Professor of Industrial Engineering, also visited the seminar, presenting his findings on "DECISION SUPPORT SYSTEMS FOR R&D DEVELOPMENT."

The freshman class, ably taught by Jane Pruett Batson, covered the following topics during the Fall Semester:

- Introduction to Computers
- BASIC Programming Language
- Introduction to Logical Program Design, Testing, and Debugging
- Introduction to the IBM PC's Disk Operating System (DOS)
- Advanced BASIC Programming
- Advanced DOS Techniques
- File Organization
- Systems Analysis and Design
- Data Representation
- Data Communications
- Programming Languages
- Operating Systems
- Computers in Our Society
- Introduction to the IBM 3081D
- Introduction to COBOL
- Programming Techniques for Sorting and Searching

A most impressive group of high school seniors applied for the Computer Based Honors Program Freshman Class of 1986. The twenty admitted are:

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<th>Name</th>
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<tbody>
<tr>
<td>Mark Bearden Steele, AL</td>
<td>34</td>
<td>Steve Harden Northport, AL</td>
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<td>Barry J. Billings Birmingham, AL</td>
<td>32</td>
<td>Scott Harmening Birmingham, AL</td>
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<td>Tina M. Brannon Gaylesville, AL</td>
<td>27</td>
<td>Jason Lockridge Centre, AL</td>
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<td>Jody Clay Duncanville, AL</td>
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<td>William Mason University, AL</td>
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<td>Henry Lee Cribbs Fayette, AL</td>
<td>33</td>
<td>Tammy McGuckin Altamonte Springs, FL</td>
<td>31</td>
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<tr>
<td>Paul Doughty Gulf Shores, AL</td>
<td>30</td>
<td>Doug McLendon Troy, AL</td>
<td>29</td>
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Rita Doughty  
Birmingham, AL  
ACT 30  

Russell Palmer  
Hamilton, AL  
ACT 31

Laura Doyle  
Montgomery, AL  
ACT 32  

Lee Stacey Reynolds  
Greenville, AL  
ACT 31

Howard Richards  
Overstreet, FL  
ACT 33  

DeLoach Stewart  
Florence, AL  
ACT 32

Tobin Roth  
Muskogee, OK  
ACT 30  

Lisa Anne Wilson  
Rainsville, AL  
ACT 30

Special emphasis continues to be placed on recruiting minority students and students in the liberal arts and sciences.

Four of the students have been invited to participate in a supercomputer training program for faculty, in anticipation of the installation of a supercomputer for the State of Alabama.

Some of the outstanding projects conducted by Computer Based Honors Program students in conjunction with members of the University of Alabama Faculty in the fall of 1985 were:

"Enhancement of University of Alabama Undergraduate Recruiting"
"An In-Depty Study of the Learning Classifier System"
"Data Analysis of the Early Childhood Day Care Center Intervention Project for Disadvantaged Preschoolers"
"Computer Graphics of Fluid Flows and Temperature Fields"
"An SPSS Analysis of Data Pertaining to Factors Influencing the Choices of Potential University of Alabama Students who Declined Admission"
"Data Base and Records System for the English Language Institute"
"Experiment with EZLP and Semi-Infinite Linear Programming on the IBM 3081-D"
"Graphical Display of Spiral and Fractal Configurations and Their Transformations"
"Implementation of Symphony Software for MBA Programs"
"Study of Inter-Relation Among American Indian Motifs found on Shell Fragments"
"Networking the Publications Office dBase Records System"
"Research Into Two Cell DET Decoder for FSK Modem Signals"
"Alumni Information Acquisition System (ALIAS)"
"In Search of ... the Truth About Partially-Mapped Crossover"
"Leaching of Toxic Wastes to Groundwater: A Simulation Study Using a Cyber 205 Supercomputer"