

# UNC TLT Collaborative Spring 2001 Campus Funding Allocations

**1. Campus:** North Carolina Agricultural & Technical State University

**2. Campus office that is to receive the funding allocation:** Dr. Thurman Guy,  
Academic for Teaching and Learning (ATL)

**3. Accounting information:** NCAT University Foundation, account # 2464-005

**4. Project Category or Categories:**

TLT Wireless/handheld computing

Other Campuses receiving allocations in this category:

ECU, NCAT, NCCU, NCSU, UNC-C, UNC-W, WCU, WSSU

**5. Project Description:**

As we rapidly enter the new millennium, technology usages in higher education has become a necessary classroom tool to foster the teaching and learning process. With the new and diverse student enrolling in higher education classes such as the ESL students, the adult learner, the handicapped student and those in mid-career changes, there is an enormous need to accommodate the different learning styles and cultural background. The effective use of hand-help computers is worthy of investigation as a potential tool to enhance overall classroom student performance and delivery of instruction. Therefore, this is a propitious time for NC A&T State University to enhance their instructional usage of technology in the classroom due to the increasingly diverse population and the establishment of the Academic for Teaching and Learning (ATL) at the institution.

Students in an upper level classes will use the hand held devices as an organizer in collecting and manipulating data in meeting classroom expectations; data entry of notes, scheduling assignments, researching web resources and for special collaborative endeavors. This will ultimately impact student's ability to readily access data ubiquitously. The university facilitator (teacher) will provide training sessions for the students and monitor their weekly progress as they complete classroom assignments. A survey and checklist will be developed by the principle investigator in assessing the effective use of the handheld devices related to student performance.

**Budget:**

IPaq's for 10 students w/wireless cards & keyboards @ \$800 each	\$8,000
1 access point for the classroom	<u>\$500</u>
TOTAL	\$8,500

**6. Collaboration with other UNC Campuses:**

The dissemination of results will take place through reporting on the ATL website, presentation at the annual TLT Collaborative conference, and in local think-share discussion groups on campus. In addition, collaborative endeavors will take place with partners in the TLT Collaborative. Finally, a summary project report that includes names of participants, conclusions and recommendations, budget summary, results of collaborative work, and links to all shareable online resources will be submitted to the TLT Collaborative office.

**7. Deliverables in addition to those specified for all 2001 UNC TLT funding allocations:**

As specified.