

## **Section A:**

**Name of Requestor:** Dr. Bob Rogan, MGED (PRINT)

**Date of Request:** 1/23/08

**Semester of Implementation:** Fall 08

**Project Title:** Teacher Performance Record, Information Literacy, and the Preservice Teacher Reflexivity

**Description of Request:** As precisely and completely as possible, indicate exactly what you are requesting, i.e. computers, printers, scanners, other forms of hardware, or software. Include the cost of each item, required specs and other supporting details. Indicate whether the request is for new equipment/software or to upgrade existing equipment/software.

Middle Grades Education Department is requesting funds to purchase 20 **Q1 Ultra Mobile Tablet PC's** at a cost of \$899.00 per computer. Total costs will be \$17,980.00. The required specs and other supporting details are listed below:

### Specifications

<b>Multimedia</b>	
Video Chipset	Intel Graphics Media Accelerator 950
Max Shared Video Memory	128 MB
Video Integration	Motherboard
Video Bus	PCI Express x16
<b>Warranty</b>	
Warranty Information	1 Year Limited Warranty
<b>Dimensions</b>	
Depth	0.93 in
Weight	1.52 lbs
Width	8.96 in
Height	4.88 in
<b>Processor</b>	
Processor Class	Intel Ultra Low Voltage
Processor Speed	800 MHz
Intel Model	A110

Software	
Operating System	Microsoft Windows Vista Home Premium
Display	
Display Size	7 in
Resolution	1024 x 600
Display Type	Transmissive LCD
Memory	
Installed Memory	1 GB
Memory Technology	DDR2
More Info	
URL	<a href="#">Manufacturer's Link</a>
System	
System Chipset	Intel 945GM Express
Cache Size	512 kB
Bus Speed	400 MHz
Slots	<ul style="list-style-type: none"> <li>▪ MultiMedia Card (MMC) <ul style="list-style-type: none"> <li>▪ SD Card</li> </ul> </li> </ul>
Interface Type	<ul style="list-style-type: none"> <li>▪ Audio - Line Out (1/8" Mini) <ul style="list-style-type: none"> <li>▪ Bluetooth</li> </ul> </li> <li>▪ Ethernet - RJ45 Twisted-Pair (XBaseT)</li> <li>▪ USB - Universal Serial Bus 2.0</li> <li>▪ Video - 15 pin High-Density D-shell (VGA)</li> </ul>
Features	
Included Devices	<ul style="list-style-type: none"> <li>▪ Built-In Speakers</li> <li>▪ Built-In Webcam</li> <li>▪ Fingerprint Reader</li> </ul>

Features	
	<ul style="list-style-type: none"> <li>▪ Stylus</li> </ul>
Battery Life	4.5 hour(s)
Input Devices	<ul style="list-style-type: none"> <li>▪ Joystick</li> <li>▪ Keyboard</li> <li>▪ Pen (Stylus)</li> <li>▪ Touch Screen</li> </ul>
Included Network Card	<ul style="list-style-type: none"> <li>▪ Ethernet (10/100 Mbps)</li> <li>▪ Wireless Ethernet - 11 Mbps IEEE802.11b</li> <li>▪ Wireless Ethernet - 54 Mbps IEEE802.11g</li> </ul>
Storage	
Hard Drive Capacity	60 GB

### How will the requested technology support the education of NGCSU students?

Middle grades majors, as well as all other education majors, internship experiences are evaluated using the Teacher Performance Record (TPR). The TPR (a digital collection tool) assesses the pre-service teachers' instructional practices based on the existence or nonexistence of the following five criteria associated with student achievement, involvement, and motivation: "(1) concentrate on "focus" or the objectives of the lesson, (2) attend to "syntax" or the sequence of activities in a lesson, (3) use "principles of reaction" or tactics to maintain and enhance student participation, (4) establish and maintain a "social system" that encourages students to work productively, and (5) provide opportunities to "evaluate" students' contributions"(Superior.casenex.com, 2008). The resultant data is then digitally compiled, analyzed, and reconfigured into summative reports that document the strengths and weaknesses of the pre-service teachers' instructional practices, as well as suggestions for their continued growth and development.

The Middle Grades Department intends to use these tablets in conjunction with the TPR in the following three ways:

- 1) The primary tool for the faculty to administer the TPR during all internship observations.
- 2) A reflective tool that is utilized by the pre-service teachers as they evaluate their own teaching practices. (When asked to reflect on their own practices, pre-service teachers tend to provide very descriptive superficial accounts that lack analytical substance.)
- 3) An information literacy tool that would be utilized during peer intervention activities. During peer intervention activities, student interns present a problem or dilemma that occurred or is occurring during their internship (either videotaped or observed during a scheduled peer/group observation of the intern). The peers utilize various resources to define the problem; to locate possible alternative solutions to the problem; and, to analyze the viability of the various alternatives.

### Indicate who will have use of the requested technology and the approximate number of students involved.

All members of the middle grades faculty (Dr. Bellon, Dr. Rogan, and Ms. Ferrell), the 33 students in the current junior (2007-2008) cohort, and all members of the 2008-2009 junior cohort (estimated size 30-35).

Signature of Requestor: \_\_\_\_\_

Date: \_\_\_\_\_

**Section B:**

If the requested technology will be housed in a particular department or program, the department head or program director must compete and sign this section.

What are your projections of the annual cost of maintenance and supplies? (i.e. Lab assistants, paper and toner, software licensing, etc.)

None.

How will you allocate the necessary funds for maintenance and supplies?

There aren't any funds for maintenance.

What security procedures will be implemented for this technology?

Will remain under lock and key within the office of the program coordinator for the Middle Grades Program.

Department:     **Middle Grades Education**    

Head/Director signature: \_\_\_\_\_

Date: \_\_\_\_\_

Submissions must be received in at least electronic form by midnight, Friday, January 25, 2008 for consideration in this round of requests. The Student Technology Fee Committee will meet on Monday, January 28, 2008 from 3-5 pm, in the bottom floor Library Seminar room. If you submit a funding request, you may be asked to attend the meeting, as a guest, to answer questions regarding your request. If you have questions, contact: Carol Huczek, Administrative Assistant to the CIO, [chuczek@ngcsu.edu](mailto:chuczek@ngcsu.edu), 706-864-1814.