**Request for Additional Lottery allocation**

**2014 – 2015**

**MCNC/ Mike Appio**

**1. What will the money be used for? (i.e., software, videos, etc.)**

1. Siemens SinuTrain software. This software will allow the instructor to train all students the latest 5-axis DMG/ DMU 50 Siemens controller and programming on computer simulators. The instructor currently trains uses the machine controller on the machine with students individually. The computer simulator software will allow the instructor to teach 36 students simultaneously. The software will allow the students extra time, including skills labs, to program and simulate without the possibility of damaging the actual machine (machine valued at $365,000). This is a one-time purchase and will not need annual maintenance.

**Additional amount requested – 36 seats $14,400. No additional annual maintenance required.**

1. MasterCam software. Additional seats of Mastercam software to increase class sizes and allow beginning and advanced classes to be taught at the same time. This will also allow the department to better utilize the classrooms for scheduling. The purchase of extra seats will not increase the amount of the annual maintenance.

**Additional amount requested – 10 seats $4,893.75 ($750.00 ea / negotiated price $450.00 ea). No additional annual maintenance required.**

1. 2 HASS CNC Control Simulators.

**$1800 each, plus tax for a total of $3915.00**

**Total Requested**

|  |  |
| --- | --- |
| Total a, b, c | $ 23,208.75 |
| Available in Current Lottery Account | $ 11,724.00 |
| Less Payables | $ 7,250.00 |
| **Total Requested** | **$ 18,734.75** |

**2. How many students will benefit from this purchase?**

The purchase of the two software packages will benefit all students in the MCNC department

Manufacturing and CNC Technology – 1150 Enrollment/2013-2 014

**3. How does this enhance your Equity Goals?**

The acquisition of the software will allow students, many who are working multiple part time jobs and taking on family responsibilities, more time to gain the valuable skills needed to be more desirable to employers. These skills also pay the highest entry level salaries in the industry. The software will also be available during skills labs so students who have other family/work responsibilities can use the high tech software at their own pace.

**4. How does this enhance your Student Learning Outcomes?**

In order for students to complete SLO and PLO outcomes for what they were truly intended for, they have to be able to have the best technology available. The extra resources will give all our students the same opportunity to achieve these outcomes. Although the SLO will read the same, the advanced software will change the way the student visualizes the outcome.

**5. Was this noted on your Program Review?**

Yes…Specific software not mentioned, but budget augmentation was included in the program review for these reasons.