1) **Purpose and Instructional Need (include goals and objectives)**

The purpose of our proposal is to advance the use of technology available to practicum students to use and observe being used at the UNI Child Development Center. We would like to incorporate what the students are learning in their classes and other practicum experiences. Currently, the technology available to students is teacher computers, digital cameras, and iPods for music in each room. We have children birth to age five and would like to showcase how technology can be used in early childhood to enhance learning and instruction.

**Goal:** The use of iPads, along with an Apple TV, and television screen would be able to provide real world experiences to the practicum students and provide them the opportunity to expand their learning and enhance the learning to the children in the classrooms.

**Objective 1:** Practicum students will have the opportunity to perform lessons using an iPad, Apple TV, and television screen.

**Objective 2:** Practicum students will be able to observe lead teachers using this technology and how it is implemented with children.

**Objective 3:** Practicum students will have a chance to observe and interact with Creative Curriculum Gold online.

Creative Curriculum Gold is a premier assessment system. It features seamless assessment for all children from birth through kindergarten. At its foundation are 38 objectives that are predictors of school success and are aligned to Iowa early learning standards-including two objectives that focus specifically on English-language learners.

Each classroom (Infant, Toddler, 2-3 years, 3-4 years, and 4-5 years) would have an Apple TV and television screen. Each classroom would have two iPads to be used with multiple teachers, practicum students, and children. There would be times when the older classrooms might borrow an extra iPad from another group during center time or for small group instruction. The older classrooms have more children than the younger classrooms.

2) **Identify how project will impact and benefit student learning include % affected and number affected.**

The impact has a potential to be great. We would be foraging into new territory with technology and be able to offer the practicum students options as they give lessons. Currently, if the students would like to use technology, they would have to provide their own. We would like students to try out lessons using technology in early childhood and break new ground in terms of what young children can do with it and interact with it. We
see 100% of early childhood majors. I would typically say there are either students observing or doing a practicum experience almost every day throughout the year in numerous classrooms. Sometimes there are multiple students in the classroom at a time. Besides early childhood students, we have students from the elementary level, and psychology and health classes.

3) Describe how project aligns with COE Strategic plan and if possible department goals. We would now have a bigger part in preparing the practicum students to become technologically competent and confident using technology. The iPads, especially in early childhood, would be something new to show the students from the University. There are several applications that can be used on the iPad, including one for Curriculum Gold. The teachers in the classroom would be able to allow the students access this system using an app. Using technology in early childhood is not very prevalent in our classrooms. To focus on skills needed for the 21st century, we would need to provide practicum students with access to more technology and allow our children to observe, interact, and learn from it as well. With the possible advancement of technology used in classrooms, our reputation as a quality early childhood center would be enhanced. This would be an important reflection of the University. The ED100 standards discuss using formal and informal assessments, which is what Creative Curriculum Gold does. Sharing this information with the practicum students would be beneficial, especially as they go out into the early childhood field. Also, using the iPad to implement learning experiences over a variety of areas would be possible. The practicum students would be able to use a variety of applications to develop lesson plans and curriculum.

4) Describe your plan to assess the impact of the technology project on student learning. We would revise the survey we give to students after their practicum experience to involve how the use of technology impacted their lesson planning and observations in the early childhood field. This survey could be given to the students as they complete their experience here. We could also work with professors to possibly give the students the survey after they've completed their experience at the center, which the students could complete in class.

5) Support Needed:
   a. Who will install technology and provide technical support for project? Neil Clopton
   b. Where will resources be installed? Building_UNI CDC_ Room #_unknown (we are moving into our new location in January, unless the building project is delayed)
   c. Does this room have the necessary data & electrical infrastructure required for your resources? Yes, we will have wireless in each classroom and enough electrical outlets.
   d. Does this proposal include funds to add the necessary infrastructure if not present? Yes

Note: All funded proposals will be required to submit a report summary and will be invited to present an overview of project during Spring 2014 semester.
**Name:** Aimee Klostermann  
**Dept:** Curriculum and Instruction  
**Project:** UNI CDC

Attach *hard copies of price quotes*. Indicate which attached page goes with each item below.

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Total 8548.95
# Apple Inc. Education Price Quote

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**Total**

**Edu List Price Total** 7,075.00
**eWaste Fee / Recycling Fee** 0.00

**Extended Total Price** 7,075.00

*In most cases Extended discounted Total price does not include Sales Tax.
*If applicable, eWaste/Recycling fees are included. Standard shipping is complimentary.

**Completing your order is easy:**

*Reference Apple Quote number 2200278303 on your Purchase Order
*Fax a copy of this quote along with your Purchase Order to :

---

Apple Inc.
1 Infinite Loop
MS: 111-HOM
Cupertino, CA 95014

**THIS IS A QUOTE FOR THE SALE OF PRODUCTS OR SERVICES. YOUR USE OF THIS QUOTE IS SUBJECT TO THE FOLLOWING PROVISIONS:**

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Document rev 5.7

Date of last revision - April 19, 2012
### SALES QUOTATION

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**UNIVERSITY OF NORTHERN IOWA**
1 PLS 19TH AND CAMPUS ST
CEDAR FALLS, IA 50614-0060
Contact: AIMEE KLOSTERMANN 319-273-3946
Customer P.O.# TV OPTIONS QUOTE

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| Thank you for the opportunity  
Sue Guzowski 866-339-5201 |

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**SUBTOTAL** 2983.65

**TOTAL** 2,983.65

Terms and Conditions:
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75 Remittance Drive
Suite 1515
Chicago, IL 60675-1515

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Vernon Hills, IL 60061
General Phone: 847-371-5000 Fax: 847-419-6200
Account Manager's Direct Fax: 312-705-9128