Standard: Professional Learning & Program Evaluation
Element: 5.1 Needs Assessment
Class: ITEC7460
Artifact: Needs Assessment/Individual Teacher Technology Assessment

Candidates conduct needs assessments to determine school-wide, faculty, grade-level, and subject area strengths and weaknesses to inform the content and delivery of technology-based professional learning programs.

1. **Briefly describe the artifact and the context in which it was created. What was your individual contribution(s)?**
   This artifact is the development an **assessment** of a **faculty** members technology needs, **strengths**, and **weaknesses**. There is a write-up and two surveys that are included in this artifact. LoTi design is used in the development of the surveys.

2. **Explain how this artifact demonstrates mastery of the standard/element under which it is placed.**
This artifact demonstrates mastery in **needs assessment** of a **faculty** member and subject area **strengths and weaknesses** because an assessment was developed and administered. I developed and administered two LoTi survey's in order to assess a collaborative teacher's **strengths and weaknesses** in technology. One survey that I developed was a technology survey, which asked questions about technology skills and technology application in the classroom. The other survey I developed and implemented is a teacher adopter survey. This survey asked questions about integrating technology. I used these **assessments** to determine **strengths and weaknesses** in technology and technology standards. I follow-up on theses assessments with a series of coaching sessions.

3. **What did you learn from completing this artifact? What would you do differently to improve the quality of the artifact or the process involved in creating the artifact?**
   From this artifact I learned that the collaborative teacher I was working with was not as comfortable with technology as I thought. This is interesting because she is the parapro for the computer lab. I also learned that assessing is important so that you can find where they
   As I reflect over what I would do differently I think that were questions that I would have added to the survey that was administered.

4. **How did the work that went into creating the artifact impact school improvement, faculty development or student learning? How can the impact be assessed?**
   The artifact that was created impacts faculty development. The surveys helped the teacher reflect over her needs, strengths, and weaknesses. This helps her know where she needs to improve which in turn helps student learning.