Focus of 2014 assessment is course ELT102, Basic Electronics: AC Physics

1. Assessment information collected
   
a. SLOA 4: Fundamentals of Electricity - Course ELT102 (11 students)
      
i. Test results on equipment and symbol recognition
         
         1. Final Exam 2014: 9 of 11 students met outcomes on selected questions
      
      ii. Hands-on project evaluation
         
         1. 2014: 10 of 11 students met outcomes on the hands-on project (soldering, circuit analysis, diagram development, descriptive write-up)

        iii. Skill evaluation: Troubleshooting and Repair of a Circuit
         
         1. 2014 Final evaluation: 8 of 11 students were able to analyze the circuit, identify the problem, and make the necessary repairs (with and without instructor assistance)

2. Conclusions drawn from the information summarized above
   
a. Student performance meets desired outcomes; course material is adequately covered.

3. Curricular changes resulting from conclusions drawn above
   
a. The ‘skill evaluation’ portion of the final exam is new in 2014. This is a valuable check of the students’ practical skills, and will be continued.
b. Instructor will continue to develop class activities to strengthen the students’ practical skills.

4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

   a. Brian Ellingson, Program Coordinator, Associate Professor
   b. Dayne Ellanna, Adjunct Professor
   c. Teresa Lantz, Assistant Professor
   d. Bob Hook, Assistant Professor