

ECT CA and AA Building Automation Systems

PLO	PLO Reflection (What were the strong points and weak points students demonstrated in the courses? What areas need more attention? What do your results show about student learning?)	PLO Action Plan (include timeline for implementation, key/responsible personnel, priority high/medium/low, status report/reflection on results of action plan)
<p>1. Explain the theory and principles relevant to building automation systems including computer hardware, software, and networks</p>	<p>Most students completed the assignments by installing and programming controls such as Tridium Niagra and TAC controls successfully. Students who missed classes or arrived late to class fell behind did not complete their assignments.</p>	<p>Install more work stations with programmable controls for students to practice on installation, wiring and programming of controls. We will implement the installation of the new controls in the fall of 2017.</p>
<p>2. Read and interpret mechanical drawings and specifications and develop control drawings and sequences of operations</p>	<p>Students were able to understand the Visio software application. They were able to apply and understand vision software to create network diagrams and develop and design a complete DDC system. Students who lack having strong algebraic skills need more individual help from tutors outside of class.</p>	<p>We are planning to ask for tutorial help in spring 2018 to help those students who struggle with mathematics.</p>