# Narrative Summary for COSC 402 – Spring 2018

Please Note: I have given sample student strengths and weaknesses and suggested actions for improvement for just one of the outcomes. In practice the instructor would complete the remainder of this document in the same fashion.

**Student Outcome (2): Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program’s discipline.**

* + Student Strengths
    1. Good use of software engineering techniques to organize project
    2. Good use of concepts from core CS courses in designing the solution.
  + Student Weaknesses
    1. Students needed to be coached to come up with multiple alternative designs. They were often too focused on a single design solution.
    2. Student evaluation of their designs seemed rushed and a bit superficial.
  + Suggested Actions
    1. Add a lecture on how to think outside the box to widen students’ perspective when coming up with alternative designs.
    2. Add a block of instructions to the preliminary design document assignment that explains the need for alternative designs.
    3. Change the deadlines for the various project phases so that students have more time to evaluate their projects at the end of the semester.

**Student Outcome (3) Communicate effectively in a variety of professional contexts.**

* + Student Strengths
  + Student Weaknesses
  + Suggested Actions

**Student Outcome (4) Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.**

* + Student Strengths
  + Student Weaknesses
  + Suggested Actions

**Student Outcome (5) Function effectively as a member or leader of a team engaged in activities appropriate to the program’s discipline.**

* + Student Strengths
  + Student Weaknesses
  + Suggested Actions