Overview: The Integrating Math Instruction proposal incorporates math skills into technical programs. The goal of this approach is for students to value math as a useful tool that can be applied to solving problems and can be applied in technical fields. This process of integrating math would remove a major barrier to student success by improving graduation rates.

- Math skills have shown to be a barrier to math knowledge transfer, to persistence in college, and to graduation. By improving skills and helping students see the usefulness of the skill, students will come to value the knowledge.

- Reducing the failures and frustrations in the first semester will increase retention and result in improved student learning outcomes for our students.

- The goals are:
  1. To improve the ability of students to use math as a tool for solving problems in their Technical classes.
  2. To enhance student success by removing a major impediment to their success, their poor math skills.
  3. To improve completion rates of students in Technical programs.

- Standards of Best Practices:
  1. Providing students with theory and application in a block has shown improved learning.
  2. The proposal seeks to add additional hours to each technical course to allow for math applications relevant to the content.