

Problem Solving

There are two objectives for each problem/project in this course:

Solve the Problem

Improve your Problem Solving Abilities to Use in Other Areas

Mindset: Getting Better

Put Yourself in the Good Frame of Mind

Confidence/Relaxation Techniques

Expect to be confused and be able to work through it

Own the Responsibility and Necessity to Solve the Problem

Persist

Difficult problems take more time and more than one session.

Resourcefulness/Creativity

Use Knowledge/Analogies for other areas

Proceed in steps:

1. Generate an idea or proposal.
2. Realize that mistakes and choosing wrong directions are inherent in the process.
3. Explore where the idea takes you in understanding the problem.
4. After each attempt, use the experience to pick up a clue from the result, make a change or discard it and try again.