

2013-14 Program Review
Best Practices Form

Instructions: *Submit this form as a separate attachment with your completed Program Review.* Programs often do something particularly well; usually they have learned through assessment—sometimes trial and error—what solves a problem or makes their programs work so well. These are often called **Best Practices** and can help others. Please share the practices your program has found to be effective. The contact information lets others know whom to contact for more information. This part of Program Review is linked to the Student Success Strategic Goal: “Become an exemplary model of student success by developing and implementing best practices.” For examples of Best Practices visit the [Program Review Committee’s website](#).

Program/Department: Construction Technology Name of Chair/Director/Manager: Sean Caras

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Best Practice(s):

A review of various Building Construction Technology programs indicate that many programs include the following learning activities:

1. Hands-on learning activities include concrete, masonry, woodworking, carpentry, mechanical, plumbing, and electrical trades.
2. These lab activities may include:
 - a. Framing a small instructional model house.
 - b. Adding the roof, windows and doors and a variety of exterior finishes to this model.
 - c. Installing the electrical wiring, plumbing and HVAC components.
 - d. Finish the interior by adding sheet rock, taping, floating and texturing it, then installing flooring.
 - e. Building and installing cabinets.
3. Activities on learning how to manage a construction project is integrated in as class progresses.
4. Practical skills including blueprint reading, cost estimating, and construction scheduling is emphasized.
5. Applied thinking skills such managing projects: time, material, and processes are integrated in the above activities. □
6. Each class consists of math, interpreting symbols, measuring, construction language, and solving problems common in construction processes.
7. Soft skills are also incorporated in these learning activities. Programs report that activities in this area help to prepare project managers to coordinate their efforts with others for consistency and continuity.
8. Students learn to avoid and resolve conflicts common in these construction projects.

