

Engineering Training

What To Expect From Your Graduate



Now that we are nearing the end of this session of Engineering training, I would like to take a moment to reflect on the progress your engineer has made and discuss how that translates into his/her new role.

At the start of our journey, I communicated several expectations to help your engineer operate effectively on any team:

- Safety first: Keep a clean work area and be mindful of your surroundings.
- Arrive on time and ready to start the day.
- Ask questions and use your resources to grow your knowledgebase.
- Exercise respect for your workplace, your colleagues, and all tools & equipment.
- Provide feedback openly.
- 5PM does not always mark the end of the workday.

Some things took a little practice, but I hope your engineer impresses you with how well he/she continues to adhere to these expectations.

Going forward from Day 1, your engineer worked hard to develop a solid foundation in Industrial Automation. Here are the topics with which he/she should have familiarity:

- Controls
 - ...
- Motion
 - ...
- Visualization
 - ...
- Communications & Data
 - ...
- Project Management
 - ...
- Trak Technology
 - ...
- Safety
 - ...
- Products
 - ...
- Lab Projects
 - Lab Project 1
 - Lab Project 2
 - Lab Project 3

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Despite now having experience with a few lifelike lab projects, I would like to stress that your engineer still has a lot to learn; a solid foundation is just the start. ***Please encourage your team to exercise patience and support while he/she continues to learn the ropes, and size tasks according to experience.*** As much as we would like to promise that every lesson was retained, that your engineer is truly an expert in all areas and can handle anything you throw at him/her, that's just not reality. However, this scale should give you an idea of how well he/she can tackle new challenges, based on the final score achieved:

- **90+** = Quick learner; possesses great focus; off & running after minimal instruction; independent; good judgment exercised where needed; undertakes new challenges readily.
- **80-89** = Possesses a solid understanding of all training topics; can complete tasks timely & effectively after detailed instruction; best paired with a senior-level teammate for the first customer application, or tasks referencing anything outside of the training curriculum.
- **70-79** = Requires more support than most and may not readily request assistance; needs clear goals and milestones set, and may require daily audits of completed work; recommended to shadow a teammate until skill & confidence increases to desired level.

In summary: With an appropriate support plan in place, I'm confident your engineer will continue to grow and be a strong contributor to your team's expanding skillset! Of course, if you have additional training needs beyond our program offering, please reach out and we'll do our best to accommodate.

Until next time,

Jen Vacendak

Senior Engineering Training Trainer