

Introduction

Hi there!

Welcome! We are super excited to have everyone here, and can't wait to introduce (or reintroduce) everyone to the amazing world of robotics. But first, we are going to start slow and get you comfortable with some of the basics.

What's Changed?

In the past, our onboarding has typically consisted of lecture style/interactive content where we would walk you through some of the processes we do in SCR. While this worked really well for some aspects of robotics, like the electrical side, it didn't do as well for others like software. This year, we are taking a different approach and throwing everyone straight into the deep end (with a life jacket of course).

The Deep End?

That's right, the deep end. You will be formed into small groups with the task of building a small robot. While you will be building a simple line following robot that dumps a small bucket, the concepts you learn will stick with you throughout your time in SCR. The "Deep End" also happens to come with more inflatables in the form of written guides. Each week, you will be given a guide that focuses on a specific speciality which should hopefully give you a better understanding of our subteams.

- Week 1: [Electrical Basics & Soldering](#)
- Week 2: [CAD Basics & 3D Printing](#)
- Week 3: [Firmware Basics & Debugging](#)
- Week 4: Final Testing & Team Assignment

When is onboarding?

Onboarding spans from September 2nd to September 24th, taking place on each Tuesday/Wednesday from 6pm-8pm in the basement of REPF. You only need to attend one day each

week, although you are more than welcome to attend both. If there are any changes we will let you know through our [Discord](#), where all our announcements take place.

Will we have help?

Of course! Returning members, including our officer team, will be around to help and guide you throughout the process. We understand that learning something new can be overwhelming, especially in a new environment.

Do I need to do anything before hand?

Yes! Before we get started, you must have filled out your safety form [here](#). If you join onboarding and participate in the activities, **we will assume** you have completed your safety form.

FAQ

- Q: Where is onboarding taking place?
 - We will be in the basement of the [Rawl Engineering Practice Facility](#). Simply come in through the main entrance, take the stairs down, and walk through the doors.
- Q: I don't know anything about robotics, is that okay?
 - A: Of course it is! The point of "onboarding" is to introduce you to the wonderful world of robotics and all of its fun quirks from the ground up.
- Q: I cannot make it on one of the days, is that okay?
 - A: Yep! We designed onboarding to be two days a week where both days have the exact same content. We know schedules can be a bit tight, so hopefully having two days can allow everyone to attend!
- Q: Who all can go to onboarding?
 - A: Everyone! The only stipulation is that you must have completed your [safety forms](#), you will need a photo of the front and back of your insurance card!

Revision #15

Created 19 August 2025 20:49:53 by Dylan Zemlin

Updated 1 September 2025 19:49:08 by Dylan Zemlin