

# SDCND Term 2 Learning Plan

Welcome back for Term 2 of the Self-Driving Car Engineer Nanodegree program! In the first week, you'll find an introduction to sensors, as well as learn about the techniques behind Kalman Filters.



## Week 1

Time	Activity	Notes
5 mins	Complete the <a href="#">Welcome</a> lesson.	
30 mins	Complete the <a href="#">Introduction and Sensors</a> lesson.	
2 hrs	Complete the <a href="#">Kalman Filters</a> lesson.	
BONUS	Been awhile since you've used geometry and trigonometry? Get back up to speed in the optional <a href="#">Geometry and Trigonometry Refresher</a> lesson.	This lesson is optional, so if you feel comfortable in the topics, feel free to skip!
BONUS	Never used C++ before, or just need to brush up on your skills? Check out our <a href="#">C++ for Programmers</a> course to ready yourself for the rest of the term.	This additional course is optional, so if you feel comfortable in the topics, feel free to skip!

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Welcome back for Week 2 of Term 2! This week starts our transition from Python into C++ with a C++ checkpoint, as well as additional resources to help you prepare for the rest of the term. You'll then start coding Kalman Filters in C++!



## Week 2

Time	Activity	Notes
BONUS	Never used C++ before, or just need to brush up on your skills? Check out our <a href="#">C++ for Programmers</a> course to ready yourself for the rest of the term.	This additional course is optional, so if you feel comfortable in the topics, feel free to skip!
1 hr	Complete the <a href="#">C++ Checkpoint</a> lesson.	
BONUS	Been awhile since you've used geometry and trigonometry? Get back up to speed in the optional <a href="#">Geometry and Trigonometry Refresher</a> lesson.	This lesson is optional, so if you feel comfortable in the topics, feel free to skip!
4 hrs	Complete the <a href="#">Lidar and Radar Fusion with Kalman Filters in C++</a> lesson.	Make sure to truly be comfortable in the basics of C++ before progressing to this lesson. It's okay if this blends into the third week!