

# SDCND Term 3 Learning Plan

Welcome back for the final term of the Self-Driving Car Engineer Nanodegree program! In the first week, you'll learn about search methods like A\*, as well techniques to predict what actions will be taken by other vehicles around your own.



## Week 1

Time	Activity	Notes
5 mins	Complete the <a href="#">Welcome</a> lesson.	
1.5 hr	Complete the <a href="#">Search</a> lesson to learn techniques like A*.	
2 hrs	Complete the <a href="#">Prediction</a> lesson.	You'll build a Gaussian Naive Bayes classifier in C++ at the end of this lesson. This can get tricky, so make sure to check out <a href="#">scikit-learn's Python-based implementation</a> if you get stuck!

# SDCND Term 3 Learning Plan

Welcome back for Week 2 of Term 3! This week, you'll start off by coding behaviors for your vehicle based on its surroundings. Then, you'll move to generating trajectories for the vehicle to travel while keeping its occupants safe and comfortable.



## Week 2

Time	Activity	Notes
2 hrs	Complete the <a href="#">Behavior Planning</a> lesson.	Learn useful cost functions to implement for your vehicle to follow appropriate behaviors throughout the duration of its drive!
2 hrs	Complete the <a href="#">Trajectory Generation</a> lesson.	Find out about Hybrid A* and jerk-minimizing trajectories!
BONUS	Already made it through the above two lessons before the end of Week 2? Start preparing for the <a href="#">Path Planning</a> project.	