

During the first few weeks of classes most freshman can be seen wandering around looking for their classes because they are unfamiliar with the campus. Students can access static maps online but they often do not have enough detail to identify every academic building on SU’s campus or specify the route to get there. Our project utilizes python to give students the fastest route, in directions, to the building that their class is in. Initially, we were going to have students enter their NetID to access their MySlice for their schedules, but we did not have access the MySlice API, so students have to enter their classes for the program to work.

Step 1: Students will input their class schedule

```
1 input("What is your class schedule?")
```

What is your class schedule?

Step 2: Students will input the class they want to go to

```
1 input("What class do you want to go to?")
```

What class do you want to go to?

Step 3: The program will output the estimated travel time

It will take you 00:04:41 to travel to your destination.

Step 4: The program will output the quickest route to the destination

- 1 Stay straight to go onto Ostrom Ave.
- 2 Turn right onto Waverly Ave.
- 3 Turn left onto Comstock Ave.
- 4 Turn right.
- 5 Turn left onto College Pl.
- 6 Turn right onto Sims Dr.
- 7 SIMS DRIVE.

