provided for this trip:
Return train tickets Toulouse-Carcassonne
The itinerary to go from the train station to the citadel by walk (see below)
1 ticket for the visit of ‘Chateau Comtal’ inside the citadel

planning of the day:
Take the train at 9:15 from the train station Marengo-SNCF (subway line B from ‘Faculté de Pharmacie’)
Following the itinerary proposed below, walk ~30 minutes to reach the citadel
Walk around the citadel to see the fortification, ‘Saint-Michel’ cathedral, ‘Saint Nazaire’ basilica
Visit ‘Chateau Comtal’ (ticket provided) – for more info http://www.remparts-carcassonne.fr/en/
Walk back to the train station (see train ticket for hour of departure)