We'll go over how to use Postman to communicate with a RESTful API in this video. To begin, we'll send a GET request to 'http://localhost:8080/courses' to retrieve all courses, showing the outcomes at each stage.

**Get All Courses**

**GET**

[**http://localhost:8080/courses**](http://localhost:8080/courses)

The next step is to send a POST request with JSON data including information about the course, including its code, title, hours, campus, distribution method, and professor, to the same API in order to create a new course.

**POST**

**Create a course**

[**http://localhost:8080/courses**](http://localhost:8080/courses)

**{**

**"courseCode": "CSC202",**

**"courseTitle": "Data Structures and Algorithms",**

**"courseHours": 48,**

**"deliverCompus": "Main Campus",**

**"deliverMethod": "In-person",**

**"professor": "Dr. Jones"**

**}**

**{**

**"courseCode": "CSC000",**

**"courseTitle": "Introduction to Computer Science",**

**"courseHours": 48,**

**"deliverCompus": "Main Campus",**

**"deliverMethod": "Online",**

**"createdAt": "2024-04-08T00:00:00.000Z", "professor": "Dr. Smith"**

**}**

Next, we'll demonstrate how to use another GET request to retrieve a single course by its ID.

Get one Course

[**http://localhost:8080/courses/**](http://localhost:8080/courses/)**5**

we will then use a PUT request to edit an existing course at 'http://localhost:8080/courses/id', changing details such as the course code, title, hours, campus, distribution method, and professor.

**PUT**

**update a course**

[**http://localhost:8080/courses/5**](http://localhost:8080/courses/5)

**{**

**"courseCode": "CSC000",**

**"courseTitle": "Introduction to Computer Science",**

**"courseHours": 48,**

**"deliverCompus": "Main Campus",**

**"deliverMethod": "Online",**

**"createdAt": "2024-04-08T00:00:00.000Z", "professor": "Dr. Smith"**

**}**

Lastly, we will successfully delete a course by executing a DELETE request. Watch our video tutorial to see each step shown and learn how to use Postman for API testing and communication.

**DELETE**

[**http://localhost:8080/courses/5**](http://localhost:8080/courses/5)