

# API SPECIFICATION ABOUT COURSE

**Base url:** <http://192.168.0.110:8080/VidoPlatform>  
(<http://202.120.40.73:36038/VidoPlatform>)

➤ **Get all the course**

GET /courses

parameters: payload

RETURN:

**Success:**

```
{
  "data": [
    {
      "id": 1,
      "version": 26,
      "isDeleted": false,
      "createTime": "2015-06-06 17:43:51",
      "code": "0",
      "name": "Software",
      "description": "00",
      "type": "2",
      "startTime": 1432287853000,
      "endTime": 1435484640000,
      "assignmentRatio": 0,
      "testRatio": 2,
      "examRatio": 0
    },
    {
      "id": 2,
      "version": 0,
      "isDeleted": false,
      "createTime": "2015-06-08 22:37:34",
      "code": "0",
      "name": "ddada",
      "description": "00",
      "type": "1",
      "startTime": null,
      "endTime": null,
      "assignmentRatio": 0,
      "testRatio": 2,
      "examRatio": 0
    }
  ]
}
```

```
}  
Fail:  
{  
  "status": null  
}
```

➤ **Get course by id**

GET /courses/id

RETURN

**Success:**

```
{  
  "data": {  
    "id": 1,  
    "version": 26,  
    "isDeleted": false,  
    "createTime": "2015-06-06 17:43:51",  
    "code": "0",  
    "name": "Software",  
    "description": "00",  
    "type": "2",  
    "startTime": 1432287853000,  
    "endTime": 1435484640000,  
    "assignmentRatio": 0,  
    "testRatio": 2,  
    "examRatio": 0  
  }  
}
```

**Fail:**

```
{  
  "status": "404"  
}
```

➤ **Create a new course**

POST /courses

Payload: {"data": {  
 "createTime": "2015-06-06 17:43:51",  
 "code": "0",  
 "name": "Software",  
 "description": "00",  
 "type": "2",  
 "startTime": 1432287853000,  
 "endTime": 1435484640000,  
 "assignmentRatio": 0,  
 "testRatio": 2,

```

        "examRatio": 0
    }
}
RETURN
Success:
{
    "status": "201",
    "data": {
        "id": 9,
        "version": 0,
        "isDeleted": false,
        "createTime": "2015-06-14 12:53:12",
        "code": "0",
        "name": "Software",
        "description": "00",
        "type": "2",
        "startTime": 1432287853000,
        "endTime": 1435484640000,
        "assignmentRatio": 0,
        "testRatio": 2,
        "examRatio": 0
    }
}
Fail:
{
    "status": "409"
}

```

➤ **Update a course**

```

PATCH    /courses/id
{"data": {
    "id": 9,
    "version": 0,
    "isDeleted": false,
    "createTime": "2015-06-14 12:53:12",
    "code": "0",
    "name": "Software",
    "description": "00",
    "type": "2",
    "startTime": 1432287853000,
    "endTime": 1435484640000,
    "assignmentRatio": 0,
    "testRatio": 2,
    "examRatio": 0
}

```

```
    }  
  }  
  RETURN  
Success:  
  {  
    "status": "200",  
    "data": "course updated"  
  }
```

```
Fail:  
{  
  "status": "404"  
}
```

➤ **Delete a course**

```
DELETE    /courses/id  
RETURN
```

```
Success:  
  {  
    "status": "204"  
  }
```

```
Fail:  
{  
  "status": "404"  
}
```

➤ **Delete a course**

```
DELETE    /courses/id  
RETURN
```

```
Success:  
  {  
    "status": "204"  
  }
```

```
Fail:  
{  
  "status": "404"  
}
```

➤ **Get the subjects of the certain course**

```
GET    /courses/id/subjects  
RETURN
```

```
Success:  
  {  
    "status": "200",  
    "data": [  
      {  
        "id": 2,
```

```

        "version": null,
        "isDeleted": false,
        "createTime": "2015-06-14 00:21:17",
        "name": "dwweqwfwe",
        "code": "1",
        "description": "ewqrqwer",
        "open": true,
        "preview": true
    },
    {
        "id": 1,
        "version": null,
        "isDeleted": false,
        "createTime": "2015-06-13 22:42:37",
        "name": "dwewrwer",
        "code": "1",
        "description": "23dwewerqw",
        "open": true,
        "preview": true
    }
]
}

```

**Fail:**

```

{
    "status": "404"
}

```

➤ **Get the textbooks of the certain course**

GET /courses/id/textbooks

RETURN

**Success:**

```

{
    "status": "200",
    "data": [
        {
            "id": 2,
            "version": null,
            "isDeleted": false,
            "createTime": "2015-06-14 11:35:54",
            "author": "eqwrqwre",
            "name": "wreqwer",
            "pages": 1222,
            "price": 1222,
            "publisher": "werqw",

```

```

        "size": "20",
        "pubDesc": "ewrqwrqwerr",
        "description": "wrwqreqwer",
        "authorIntro": "erqwerqwerw",
        "isbn": "234124"
    },
    {
        "id": 1,
        "version": null,
        "isDeleted": false,
        "createTime": "2015-06-13 23:01:40",
        "author": "wefqfq",
        "name": "wrwer",
        "pages": 100,
        "price": 52.9,
        "publisher": "wrqer",
        "size": "10",
        "pubDesc": "dqweqwer",
        "description": "ewqfqwrqwrqrqer",
        "authorIntro": "werqwefcdsefqfwqfqwfe",
        "isbn": "241412421412"
    }
]
}

```

**Fail:**

```

{
    "status": "404"
}

```

➤ **Get the recommend textbooks of the certain course**

GET /courses/id/recommendtextbooks

RETURN

**Success:**

```

{
    "status": "200",
    "data": [
        {
            "id": 2,
            "version": null,
            "isDeleted": false,
            "createTime": "2015-06-14 11:35:54",
            "author": "eqwrqwre",
            "name": "wreqwer",
            "pages": 1222,

```

```

        "price": 1222,
        "publisher": "werqw",
        "size": "20",
        "pubDesc": "ewrqwrqwerr",
        "description": "wrwqreqwer",
        "authorIntro": "erqwerqwerw",
        "isbn": "234124"
    },
    {
        "id": 1,
        "version": null,
        "isDeleted": false,
        "createTime": "2015-06-13 23:01:40",
        "author": "wefqfq",
        "name": "wrwer",
        "pages": 100,
        "price": 52.9,
        "publisher": "wrqer",
        "size": "10",
        "pubDesc": "dqweqwer",
        "description": "ewqfqwrqwrqrqer",
        "authorIntro": "werqwefcdsefqfwqfqwfe",
        "isbn": "241412421412"
    }
]
}

```

**Fail:**

```

{
    "status": "404"
}

```

➤ **Get the teachers of the certain course**

GET /courses/id/teachers

RETURN

**Success:**

```

{
    "status": "200",
    "data": [
        {
            "id": 1,
            "version": 0,
            "isDeleted": false,
            "createTime": "2015-06-06 17:41:49",
            "code": "0",

```

```

        "username": "weqe",
        "department": null,
        "title": null,
        "phone": null,
        "credit": 0,
        "level": "0"
    }
]
}

```

**Fail:**

```

{
    "status": "404"
}

```

➤ **Get the microcourse of the certain course**

GET /courses/id/microcourse

RETURN

**Success:**

```

{
    "status": "200",
    "data": {
        "id": 1,
        "version": null,
        "isDeleted": false,
        "createTime": "2015-06-14 13:07:46",
        "resources": []
    }
}

```

**Fail:**

```

{
    "status": "404"
}

```

➤ **Get the subject relation of the course**

GET /courses/id/links/subject

RETURN

**Success:**

```

{
    "status": "200",
    "data": [
        {
            "type": "subject",
            "id": 2
        },
        {

```



```
        "type": "subject",
        "id": 1
    }
]
}
```

**Fail:**

```
{
  "status": "404"
}
```

➤ **Get the textbook relation of the course**

GET /courses/id/links/textbook

RETURN

**Success:**

```
{
  "status": "200",
  "data": [
    {
      "type": "textbook",
      "id": 1
    },
    {
      "type": "textbook",
      "id": 2
    }
  ]
}
```

**Fail:**

```
{
  "status": "404"
}
```

➤ **Get the teacher relation of the course**

GET /courses/id/links/teacher

RETURN

**Success:**

```
{
  "status": "200",
  "data": [
    {
      "type": "teacher",
      "id": 1
    }
  ]
}
```

**Fail:**

```
{
  "status": "404"
}
```

➤ **Get the microcourse relation of the course**

GET /courses/id/links/microcourse

RETURN

**Success:**

```
{
  "status": "200",
  "data": {
    "type": "microcourse",
    "id": 1
  }
}
```

**Fail:**

```
{
  "status": "404"
}
```

➤ **Add subjects to the certain course**

POST /courses/id/links/subjects

Payload: {

```
  "data": [
    {
      "type": "subject",
      "id": 1
    },
    {
      "type": "subject",
      "id": 2
    }
  ]
}
```

RETURN

**Success:**

```
{
  "status": "204"
}
```

**Fail:**

```
{
  "status": "404"
}
```

➤ **Add textboks to the certain course**

POST /courses/id/links/textbooks

Payload: {  
 "data": [  
 {  
 "type": " textbook ",  
 "id": 1  
 },  
 {  
 "type": " textbook",  
 "id": 2  
 }  
 ]  
}

RETURN

**Success:**

```
{  
  "status": "204"  
}
```

**Fail:**

```
{  
  "status": "404"  
}
```

➤ **Add recommend textboks to the certain course**

POST /courses/id/links/rectextbooks

Payload: {  
 "data": [  
 {  
 "type": " textbook ",  
 "id": 1  
 },  
 {  
 "type": " textbook",  
 "id": 2  
 }  
 ]  
}

RETURN

**Success:**

```
{  
  "status": "204"  
}
```

**Fail:**

```
{
```

```
    "status": "404"
  }
```

➤ **Delete subjects to the certain course**

Delete     /courses/id/links/subjects

```
Payload: {
  "data": [
    {
      "type": "subject",
      "id": 1
    },
    {
      "type": "subject",
      "id": 2
    }
  ]
}
```

RETURN

**Success:**

```
{
  "status": "204"
}
```

**Fail:**

```
{
  "status": "404"
}
```

➤ **Delete textbooks to the certain course**

DELETE     /courses/id/links/textbooks

```
Payload: {
  "data": [
    {
      "type": " textbook ",
      "id": 1
    },
    {
      "type": " textbook",
      "id": 2
    }
  ]
}
```

RETURN

**Success:**

```
{
  "status": "204"
}
```

```
}  
Fail:  
{  
  "status": "404"  
}
```

➤ **Delete recommend textbooks to the certain course**

DELETE /courses/id/links/recommendedtextbooks

Payload: {  
 "data": [  
 {  
 "type": "textbook",  
 "id": 1  
 },  
 {  
 "type": "textbook",  
 "id": 2  
 }  
 ]  
}

RETURN

**Success:**  
{  
 "status": "204"  
}

**Fail:**  
{  
 "status": "404"  
}