

```
mysql> select course_name as 'Available Courses' from course;
```

Available Courses
Database Systems
Operating Systems
Data Structures
Machine Learning
Computer Networks

```
mysql> select concat(first_name, ' ', last_name) as 'Instructor Name', department from instructor;
```

Instructor Name	department
Alice Johnson	Computer Sciece
Bob Smith	Electrical Eng.
Carol White	Mathematics
David Brown	Computer Science
Emma Davis	Computer Science

```
mysql> select course_name, credits from course where credits > 3;
```

course_name	credits
Operating Systems	4
Machine Learning	4

```
mysql> select enrollment_date, student_id from enrollment where student_id=502;
```

enrollment_date	student_id
2023-01-16	502
2023-01-22	502

```
mysql> select concat(first_name, ' ', last_name) as 'Instructor', department from instructor;
```

Instructor	department
Alice Johnson	Computer Sciece
Bob Smith	Electrical Eng.
Carol White	Mathematics
David Brown	Computer Science
Emma Davis	Computer Science

```
mysql> select count(course_name) as 'Total Courses' from course;
```

Total Courses
5

```
mysql> select distinct student_id from enrollment;
```

student_id
501
502
503
504
505

```
mysql> select course_name, credits from course where course_name like '%Systems%';
```

course_name	credits
Database Systems	3
Operating Systems	4

```
mysql> select course_name, start_date from course order by start_date;
```

course_name	start_date
Database Systems	2023-01-10
Operating Systems	2023-01-15
Data Structures	2023-01-20
Machine Learning	2023-01-25
Computer Networks	2023-01-30

```
mysql> select sum(credits) as 'Total Credits' from course;
```

Total Credits
17