

Here are the SQL queries for your requirements:

1. Find the average grade of all students across all courses:

```
SELECT AVG(grade) AS average_grade  
FROM Enrollments;
```

2. List the names of students along with the courses they are enrolled in, including the course name:

```
sql  
SELECT s.name AS student_name, c.course_name  
FROM Enrollments e  
JOIN Students s ON e.student_id = s.student_id  
JOIN Courses c ON e.course_id = c.course_id;
```

3. Count the number of students in each grade level:

```
SELECT grade_level, COUNT(*) AS student_count  
FROM Students  
GROUP BY grade_level;
```

4. Find the maximum grade achieved in each course:

```
SELECT c.course_name, MAX(e.grade) AS max_grade  
FROM Enrollments e  
JOIN Courses c ON e.course_id = c.course_id  
GROUP BY c.course_name;
```

5. Find the average grade of students who are in grade level 3:

```
SELECT AVG(e.grade) AS average_grade_level_3  
FROM Enrollments e  
JOIN Students s ON e.student_id = s.student_id  
WHERE s.grade_level = 3;
```

6. Get a list of students, their enrolled courses, and the credit hours for each course:

```
SELECT s.name AS student_name, c.course_name, c.credits
FROM Enrollments e
JOIN Students s ON e.student_id = s.student_id
JOIN Courses c ON e.course_id = c.course_id;
```

7. Find all courses that have an average grade greater than 3.0:

```
SELECT c.course_name, AVG(e.grade) AS average_grade
FROM Enrollments e
JOIN Courses c ON e.course_id = c.course_id
GROUP BY c.course_name
HAVING AVG(e.grade) > 3.0;
```

8. Find students who have not received a grade of 4.0 in any course:

```
SELECT s.name AS student_name
FROM Students s
WHERE s.student_id NOT IN (
    SELECT e.student_id
    FROM Enrollments e
    WHERE e.grade = 4.0
);
```

9. Find the names of students whose average grade is greater than the average grade of all students

```
SELECT s.name AS student_name
FROM Students s
JOIN Enrollments e ON s.student_id = e.student_id
GROUP BY s.name
HAVING AVG(e.grade) > (SELECT AVG(grade) FROM Enrollments);
...
```

10. Display each student's name, the total number of courses they are enrolled in, and their average grade:\*\*

```
SELECT s.name AS student_name, COUNT(e.course_id) AS total_courses, AVG(e.grade) AS  
average_grade  
FROM Students s  
JOIN Enrollments e ON s.student_id = e.student_id  
GROUP BY s.name;
```