
COURSE PREFIX/NO: DAT 123
COURSE TITLE: Oral Medicine and Oral Biology
LECTURE HOURS/Week: 3.0
LAB HOURS/Week: 0.0
CREDIT HRS/SEMESTER: 3.0

[Distance Learning Attendance/VA Statement](#)

[Textbook Information](#)

[Student Code and Grievance Procedure](#)

COURSE DESCRIPTION

This course presents a basic study of oral pathology, pharmacology, nutrition, and common emergencies as related to the role of the dental assistant.

COURSE COMPETENCIES

Upon successful completion of this course, the student should be able to:

Module I – Nutrition

1. Incorporate sound nutritional information in educating the patient concerning his/her dental health.
2. Understand the role of nutrition during the life of an individual.
3. Identify oral manifestations associated with essential nutrient deficiencies.
4. Discuss special diets for clients who are receiving various types of dental treatments

Module II – Principles of Pharmacology

1. Understand the general principles of pharmacology as it relates to dentistry.
2. Identify drug names and explain how a prescription is written.
3. Identify sources for information on drugs.
4. Define and discuss pharmacokinetics.
5. Identify drugs used in dentistry.

Module III – Medical and Dental Emergencies

1. Discuss the importance of obtaining a medical history and recording vital signs prior to dental treatment.
2. Demonstrate the operation of the oxygen tank and identify the components of the emergency drug kit.
3. Discuss office preparation and the role of each team member during an emergency situation includes legal issues related to emergency management.
4. Identify common emergencies that can occur in a dental office and respond with appropriate action.
5. Determine the management of clients who suffer respiratory disorders and identify the drugs to alleviate respiratory distress.
6. Identify clients with cardiovascular disorders and determine the proper management prior to, during, and after dental treatment and identify drugs used to treat cardiovascular disorders.

7. Determine the correct pre-operative management of clients with diabetes and explain the use of insulin in treating diabetes.
8. Determine the proper management of clients who suffer neurocerebral disorders.
9. Discuss the management of clients experiencing an allergic reaction and anaphylaxis.
10. Identify occupational hazards and dental emergencies that may occur in the dental office.

Module IV – Oral Pathology

1. Identify the etiology, description, signs and symptoms, treatment, and prevention of common oral diseases.

EVALUATION STRATEGIES

Testing

Students are evaluated in Oral Medicine and Oral Biology by taking written tests. These tests will be multiple choice, matching, true/false, and theory application questions (short answer). There will be at least one test for each module. **A sufficient amount of time will be given for each test.**

Assignments

Students will be evaluated in Oral Medicine and Oral Biology by completing written assignments. **There will be a five point deduction for each day an assignment is late.**

GRADING

The final grade for DAT 123 is determined as follows:

| | |
|---------------|------------|
| Written Tests | 90% |
| Assignments | <u>10%</u> |
| | 100% |

****THERE WILL BE NO ROUNDING UP OF GRADES****

Grading Scale: A minimum grade of 70% must be earned in DAT 123 to meet the program requirements. A grade below 70% will make the student ineligible to be promoted to the next semester.

| | |
|---|------------|
| A | 100 - 90 |
| B | 89 - 80 |
| C | 79 - 70 |
| D | 69 – 60 |
| F | 59 – below |

ATTENDANCE

DAT 123 is a hybrid course; therefore, course content is found on D2L. Each student must access the course on a weekly basis. Attendance will be kept weekly. The class will meet weekly as designated.

Students are responsible for attending all scheduled meetings in the courses in which they are enrolled until they have completed all course requirements. Students are responsible for all materials covered and for all assignments made in classes. Students who are absent from a class more than 10 percent of the hours assigned may be withdrawn. Three tardies constitutes one absence.

In other words, if a student misses lecture and laboratory periods which when combined equals 10 percent of the total class periods, prior to midterm, then he/she may be withdrawn and given a "W." However, if the number of absences is exceeded after midterm, the student may be assigned a "W" or a "WF." The "WF" indicates student was withdrawn after midterm and was making unsatisfactory progress at the point of withdrawal. The instructor can give a "W" after midterm if academic progress is satisfactory to that point.

Students who must be absent for the lecture must contact the instructor prior to the class. Any student who is absent on a test day will have eleven (11) points deducted from the test grade. The test must be made up within one week or a grade of zero will be entered. The student must inform the instructor of the time so that the test may be delivered to the Assessment Center prior to the testing appointment.

The attendance policy also applies to students in online courses. "Attendance" is established for online courses by contacting the instructor about the academic subject, participating in academic activities, and completing assignments and tests.

ACADEMIC INTEGRITY

The student is bound to uphold the academic integrity policy stated in the York Technical College Catalog Handbook and the signed agreement with the Dental Health Professions Department.

MINIMAL STANDARDS

The minimal average for the Expanded Duty Dental Assisting Program is an average of 70% in all areas of competency.

ENTRY LEVEL SKILLS: Satisfactory completion of the prerequisites

PRE-REQUISITES: DAT 112, DAT 115, DAT 113, DAT 154, DAT 118

CO-REQUISITES: DAT 164, DAT 127, DAT 121

DISABILITIES STATEMENT

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR)) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.