

SAN JUAN COLLEGE

DHYG 222 Medical Emergencies Section Name Section Credit Hours Credits
Syllabus

Section-specific Course Description:

Course Level Objectives

Course Goals

The student will demonstrate competency at 75% or higher for the following outcomes evaluated through written exams, quizzes, classroom participation and lab simulations.

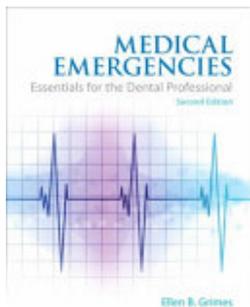
Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Explain the essential components of an emergency kit in the dental clinic.
2. Discuss the importance of, and demonstrate the ability to take and record vital signs.
3. Determine normal and abnormal vital signs.
4. Discuss hypertension, including its predisposing factors and prevention strategies.
5. Demonstrate the proper methodology for oxygen administration.
6. Apply suggested treatment modalities for syncope.
7. Discuss the various types of shock.
8. Determine treatment modalities for hyperventilation.
9. Explain and demonstrate the suggested treatment modalities for patients experiencing seizures.
10. Discuss the pathophysiology of both forms of cerebrovascular accidents.
11. Explain the steps needed to prepare an office to manage a patient experiencing a CVA.
12. Describe the factors that may precipitate an angina attack or myocardial infarction.
13. Describe the procedure for managing a patient experiencing an anginal attack.
14. Demonstrate the procedure for the management of a patient experiencing cardiac arrest.

15. Describe the pathophysiology associated with both right and left ventricular heart failure.
16. Demonstrate the procedure for the management of acute pulmonary edema and heart failure in the dental setting.
17. List specific signs and symptoms associated with pacemaker or ICD malfunction.
18. Determine appropriate emergency treatment for a patient experiencing an asthma attack.
19. Apply appropriate treatment modalities for foreign body aspiration or obstructed airway.
20. Explain and demonstrate the steps to manage a patient experiencing an allergic response.
21. Determine the treatment modalities for managing a patient experiencing DKA and hypoglycemia.
22. Discuss the pathophysiology of adrenal crisis and thyroid emergencies.
23. Summarize the management of bleeding emergencies.
24. Explain the prevention and management of a broken instrument tip.
25. Describe suggested treatment for avulsed teeth.
26. Recognize and determine the treatment for drug overdose and toxicity.

Required Texts and/or Materials



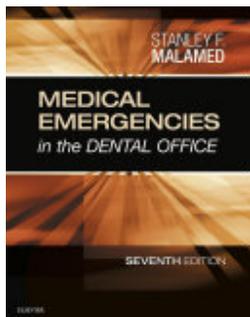
Medical Emergencies

9780133065626

Ellen B. Grimes

Prentice Hall

2014-01-01



Medical Emergencies in the Dental Office - E-Book

9780323171250

Stanley F. Malamed

Elsevier Health Sciences

2014-10-27

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For password reset and Canvas support, visit the [Student Technology Guide](#) website.

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Course Requirements

Students will do the following activities:

Reading Assignments

Reading assignments are included in the course schedule.

Lab Activities

Participation in the lab activities is required. If you miss a lab, it will have to be made up at the instructor's discretion.

Healthy and Safe Practices for Being on Campus

We want a healthy and safe campus for students, faculty, staff, and guests.

Contagious diseases and your responsibility:

If you have COVID-19 symptoms, fever, flu or even the common cold, you should stay home. Do not come to campus if you are feeling sick. Contact your instructor about missing class (and review your

instructor's policies on missed or late work). Being sick does not necessarily excuse you from completing your work on time.

Safety on campus and your responsibility:

If you are on campus and experience or witness an emergency, call 9-1-1 first and then the Department of Public Safety at 505-566-3333 (or just 3333 if calling from a campus phone).

When you are on campus, be aware of your surroundings. If you need an escort to your vehicle, call 505-566-4444 (DPS non-emergency line) or 505-215-3091 (officer on duty line).

The College will send information for campus emergencies through SJC AlertAware, email and the webpage. Stay informed and stay safe.

Student Support

At San Juan College, we are committed to supporting your academic success and overall well-being. We recognize that college life can be challenging and stressful, impacting both learning and personal health. We are here to help you succeed.

Academic Support and Resources

We provide a range of academic support services to help you stay on track on your educational journey. Free resources include tutoring, computer loans, life skills workshops, and so much more. Visit the [Academic Support and Resources](#) webpage to learn more about support and resources available through Academic Advising, the Tutoring Center, the Student Resource Center (formerly Student Achievement Center) and the Testing Center.

Student Support and Resources

If you or someone you know could benefit from counseling, accessibility services, career exploration, veteran transitional assistance, or any of our other support services, visit the [Student Support and Resources](#) webpage where you'll find detailed information about various resources available to you as an SJC student.

We encourage you to take advantage of these free resources to enhance your college experience and ensure your success.

Participation and Attendance Policy

Regular attendance is important for success in a math class. All instructors expect students to attend class, and to notify instructors if they will be absent. In some cases, arrangements for late work may

be made. Some instructors may not give full credit for late work missed due to absence. Students are expected to actively participate in class.

Other Classroom Policies and Expectations

Preparation: During this course it is expected that the student prepare for class. This includes reading or viewing the information prior to class. Students should be prepared to participate in active learning discussions in each class on the topic assigned for that day.

Make-Up Policy: If a major examination is missed, it is the student's responsibility to make arrangements with the instructor and schedule a Make-Up Examination. The Make-Up Exam may be either oral or written. The grade for the Make-Up Exam will have a 10% deduction in grade unless there are severe extenuating circumstances related to missing the exam.

Assignments: Assignments that are not received on time will receive a 10% reduction in grade for each day the assignment is overdue.

Mid-Term Conference: Students must schedule a midterm conference with the instructor and bring the Graduation Notebook. Be sure it is well-organized and as complete as possible.

Professional Policy: All students are expected to participate in an active, productive way that enhances learning for all in the classroom and clinical settings, and, to deal with conflict in a constructive way. Students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements.

Canvas Participation and Expectations

Students are expected to monitor their own progress in Canvas and participate in all online discussion boards.

Distance Education Policy

Distance Education Policy

New technologies allow for the delivery of education in a multitude of different formats. Many of these may involve distance education in which instruction to students may be delivered while separated from the instructor, either synchronously or asynchronously. This may include technologies such as the CANVAS learning management system, use of email correspondence, and the internet and audio/video conferencing. In light of these ever changing technologies, the following are expectations of student behavior with regard to distance education;

Academic Honesty

The standards and requirements of academic honesty and integrity apply to all Dental Hygiene Students whether engaged in or utilizing distance-education or not. Any required work submitted by the student must be their own. This applies to any course within the Dental Hygiene curriculum.

Safeguards

San Juan College has ensured that safeguards are in place with regard to student login and passcode access to the CANVAS learning management system. Distance education within the Dental hygiene Program curriculum will therefore utilize this learning management system. In order to protect student privacy, students shall not share such log-in and passcode information.

Tuition & Fees

There are no additional student charges associated with the utilization of distance education within the Dental Hygiene curriculum and/or with the verification of student identity at the time of registration or enrollment.

Instructor Response Times & Regular Interaction Expectations

Emails are responded to daily during the week, weekend emails may not be responded to until the next business day. Exams are usually graded and posted within the week. In some cases it may take up to two weeks.

Course Time Commitment

This course will require 3-4 hours per week of reading and studying outside of class.

Grading

Grade Scale	
90-100%	A
80-89%	B
75-79%	C
65-74%	D
<65%	F

75% is the passing standard for all dental hygiene courses	
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To determine final grades....

Category	Weight
Quizzes	20
Exams	40
Labs	30
Project	10

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

Exact schedule with due dates will be determined by instructor. See Course Requirements for general information on assignment expectations.

College Policies and Resources for Current Students

The [Student Handbook](#) provides information on student support, student organizations, and student conduct policies at San Juan College.

The San Juan College catalog outlines the [Academic Policies](#) students need to know.

Inclement Weather Information

Students will receive notification of class delays and cancellations due to inclement weather via the SJC AlertAware and SJC student email. Face-to-face classes will not meet in person; however, students are advised to check with instructors about alternative meeting options, as some may choose to meet

via zoom. Hybrid classes will meet as scheduled via zoom. For questions regarding your class delay or cancelation, please contact your instructor.

Program Handbook

The Dental Hygiene Student Handbook can be found on the Canvas course Important Information - The Cutting Edge

Online Course Fee

Online Courses - San Juan College requires all online courses to include some form of assessment to demonstrate the mastery of course objectives. This could include exams, capstone projects, e-portfolios, presentations, final papers or other appropriate assessments. The use of a proctoring platform, plagiarism detection software or other method to ensure that assessments are completed by the enrolled student is required.

A course fee of \$5.00 is assessed for all online courses at San Juan College to cover the cost of the above services. Students who are required to take a proctored exam and choose to use a physical testing center outside the SJC Testing Center or SJC Disability Services will be responsible for the cost of using that center.