Course Information

Course Number: DDDS 731; DH 4110
Course Title: Office Medical Emergencies
Section: 300
Time: Mondays 1:00 – 3:00 or 4:00 pm
Location: Zoom for Room 134
Credit Hours: 1

Instructor Details

Instructor: Marianela Gonzalez DDS, MD, MS
Office: 3000 Gaston Ave, Clinic Building
Phone: 214-828-8959
E-Mail: gonzalezm@tamu.edu
Office Hours: Email for appointment

Course Description

Discussions on the preparations for handling emergencies; prevention, recognition and management of various medical emergencies which may occur in the dental office setting. The course includes case scenario presentations and mock “hands-on” drills.

Course Prerequisites

DDDS 600-level courses

Special Course Designation

DDS Professional Degree

Course Learning Outcomes

Course Objectives:
At the completion of the course the student should:

1. Understand the preventive measures that will minimize the occurrence of most common medical emergencies.
2. Be able to recognize the signs and symptoms of the most commonly encountered emergencies and understand their underlying physiology.
3. Know the initial steps to take to preserve the life of the patient until advanced medical help.
4. Understand the basic principles of designing and assembling an emergency drug kit and writing an office emergency plan.
5. Understand how the office plans interfaces with the community EMS system resources.
6. Understand how the HSC- College of Dentistry emergency response operates in a similar manner, but with a higher degree of sophistication to the response via the “Code Blue” team.
7. Understand the importance of incorporating new technology, such as AEDs and PBGMs in office emergency equipment sets.

Related Competencies:
Dental Students
1.2 Provide humane and compassionate patient care for a diverse patient population.
2.1 Use oral, written and electronic information resources in contemporary practice as an aid for self-assessment and lifelong learning.
2.2 Assess and integrate into practice new techniques, materials and other findings applicable to dental practice.
4.1 Obtain a diagnostic database including the patient’s chief complaint, the dental, medical and psychosocial histories.
5.2 Recognize the presence and oral manifestations of systemic disease and how the disease and its treatment affect the delivery of dental care.
6.2 Communicate with other health care professionals to obtain additional information for evaluation and treatment.
7.1 Prevent, recognize, and manage dental and medical emergencies encountered in the practice of general dentistry.
7.12 Assess treatment outcomes and modify subsequent treatment as may be required.
8.1 Maintain patient records.

Dental Hygiene Student:
1.2 Comply with state and federal laws governing the practice of dentistry and dental hygiene.
2.1 Apply critical thinking skills and evidence-based decision making to the practice of dental hygiene.
3.3 Contribute to the knowledge base of dental hygiene.
6.1 Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment.
6.2 Perform an extraoral and intraoral examination of the patient including assessment of vital signs and radiographic examination and distinguish normal from abnormal findings.
6.3 Manage the patient at risk for a medical emergency and be prepared to handle the emergency should it occur during and appointment.
6.4 Recognize predisposing, etiologic risk factors, and life-style choices that may require intervention to prevent disease.
6.6 Determine the need for referral to the appropriate health professional.

Textbook and/or Resource Materials
Learning materials and recordings posted to Canvas

Grading Policy
There will be a mid-semester and a final examination covering all course material, including assigned reading materials. If you miss the midterm or final the make-up exam will be an Essay examination. The Final Course grade will be a weighted compilation of the midterm & final examinations. The course grade will be retroactively changed to “Failure” if any student fails to participate in and pass a mock drill
scenario session to be held during the Fall Semester, 2021, until the drill scenarios are passed. The weighted value of all graded components is:

Midterm Exam: 50%  
Final exam: 50%  
Clinical Mock Drill: 0%*  
*(Pass/Fail, Fall Semester, 2021)

Attendance Policy:
We believe that diligent attendance in lectures is a sign of responsible professionalism. You may sit in any seat unless otherwise advised by the Course Director.

Late Work Policy
Due to the important nature of the contents of this course to patient safety and clinical practice, Remediation will be offered at the discretion of the course director. The Mock Drill Scenarios will be remediated during the 2021 Fall Semester until passed. Failure to pass the drills will result in the course grade being changed to “Fail” until the mock drill session is passed.

Course Schedule

Any F2F sessions and exams will be in room 134

<table>
<thead>
<tr>
<th>Date</th>
<th>Session Title/Topic</th>
<th>Instructor(s)</th>
<th>L. Name</th>
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<tbody>
<tr>
<td>5/31/2021</td>
<td>NO CLASS – MEMORIAL DAY HOLIDAY</td>
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<tr>
<td>6/07/2021</td>
<td>Intro: Review of Philosophy, Preparation, Prevention, Training, Legalities, Universal Actions; Common Emergencies: Syncope, Hypotension, Hypoglycemia, Angina, MI, Diabetics</td>
<td>Dr. Gonzalez – Zoom synchronous</td>
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<tr>
<td>6/14/2021</td>
<td>Cardiovascular &amp; CNS-Based Emergencies, including CHF, HBP, Anaphylaxis, Epilepsy &amp; Ventilation-Based Emergencies, include COPD, Asthma, Hyperventilation, Obstructed A/W, etc., Airway Management Review</td>
<td>Dr. Gonzalez – Zoom synchronous or F2F</td>
<td></td>
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<tr>
<td>6/20/2021</td>
<td>EXAM 1 – Examsoft (1-2pm)</td>
<td>Dr. Gonzalez – Room 134</td>
<td></td>
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<tr>
<td>6/28/2021</td>
<td>Review/Overview: Malamed DVD – Emergencies Misc., Procedures that need to be shown/taught to Auxiliaries and staff in your offices, calling 9-1-1 monitoring emergency supplies, etc. D2 Group A and 1/2 of DH</td>
<td>Dr. Gonzalez – Room 134</td>
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<tr>
<td>7/5/2021</td>
<td>NO CLASS – INDEPENDENCE DAY HOLIDAY, OBSERVED</td>
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<tr>
<td>7/12/2021</td>
<td>Review/Overview: Malamed DVD – Emergencies Misc., Procedures that need to be shown/taught to Auxiliaries and staff in your offices, calling 9-1-1 monitoring emergency supplies, etc. D2 Group B and 1/2 of DH</td>
<td>Dr. Gonzalez – Room 134</td>
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<tr>
<td>7/19/2021</td>
<td>FINAL EXAM – Examsoft (1-3pm)</td>
<td>Dr. Gonzalez – Room 134</td>
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Optional Course Information Items

**Technology Support**
Students are responsible for maintaining their devices and ensuring that they are in proper working order throughout the semester. This includes maintaining access to the college wireless network, access to all accounts (both TAMU and TAMU Health) and keeping passwords up to date. Students are expected to keep their devices up to date in regards to patches and OS updates.

Division of IT
If the student experiences issues with an electronic device, wifi access, axiUm, Zoom, or user accounts, their first point of contact should be the Division of IT Central Help Desk or the local Division of IT at COD. The Central Helpdesk provides 24-hour support.

<table>
<thead>
<tr>
<th>Division of IT Central Help Desk</th>
<th>COD Local Division of IT Office</th>
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<tbody>
<tr>
<td>Website: <a href="https://it.tamu.edu/help/">https://it.tamu.edu/help/</a></td>
<td>Room: 519</td>
</tr>
<tr>
<td>Phone: 1-979-845-8300</td>
<td>Phone: 214-828-8248</td>
</tr>
<tr>
<td>Email: <a href="mailto:helpdesk@tamu.edu">helpdesk@tamu.edu</a></td>
<td>Email: <a href="mailto:helpdesk@tamu.edu">helpdesk@tamu.edu</a></td>
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COD Instructional Design Team
For electronic exam support or problems concerning other academic technology, such as the LMS (Canvas), ExamSoft, or Examplify, students should contact the Instructional Design team.

Room: 516 through Academic Affairs
Carmina Castro ccastro@tamu.edu (214-828-8316)
Jeff Lowry lowryjl@tamu.edu (214-828-8243)

**University Policies**

**Attendance Policy**

The university views class attendance and participation as an individual student responsibility. Students are expected to attend class and to complete all assignments.

Please refer to Student Rule 7 in its entirety for information about excused absences, including definitions, and related documentation and timelines.

**Makeup Work Policy**

Students will be excused from attending class on the day of a graded activity or when attendance contributes to a student’s grade, for the reasons stated in Student Rule 7, or other reason deemed appropriate by the instructor.

Please refer to Student Rule 7 in its entirety for information about makeup work, including definitions, and related documentation and timelines.
Absences related to Title IX of the Education Amendments of 1972 may necessitate a period of more than 30 days for make-up work, and the timeframe for make-up work should be agreed upon by the student and instructor” (Student Rule 7, Section 7.4.1).

“The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unexcused absence” (Student Rule 7, Section 7.4.2).

Students who request an excused absence are expected to uphold the Aggie Honor Code and Student Conduct Code. (See Student Rule 24.)

**Academic Integrity Statement and Policy**

“An Aggie does not lie, cheat or steal, or tolerate those who do.”

“Texas A&M University students are responsible for authenticating all work submitted to an instructor. If asked, students must be able to produce proof that the item submitted is indeed the work of that student. Students must keep appropriate records at all times. The inability to authenticate one’s work, should the instructor request it, may be sufficient grounds to initiate an academic misconduct case” (Section 20.1.2.3, Student Rule 20).

**Americans with Disabilities Act (ADA) Policy**

Texas A&M University is committed to providing equitable access to learning opportunities for all students. If you experience barriers to your education due to a disability or think you may have a disability, please contact the Office of Academic Affairs and Associate Dean of Academics Dr. Paul Dechow at 214-828-8208 or visit disability.tamu.edu. Disabilities may include, but are not limited to attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability related needs with Disability Resources and their instructors as soon as possible.

**Title IX and Statement on Limits to Confidentiality**

Texas A&M University is committed to fostering a learning environment that is safe and productive for all. University policies and federal and state laws prohibit gender-based discrimination and sexual harassment, including sexual assault, sexual exploitation, domestic violence, dating violence, and stalking.

With the exception of some medical and mental health providers, all university employees (including full and part-time faculty, staff, paid graduate assistants, student workers, etc.) are Mandatory Reporters and must report to the Title IX Office if the employee experiences, observes, or becomes aware of an incident that meets the following conditions (see University Rule 08.01.01.M1):

- The incident is reasonably believed to be discrimination or harassment.
- The incident is alleged to have been committed by or against a person who, at the time of the incident, was (1) a student enrolled at the University or (2) an employee of the University.
Mandatory Reporters must file a report regardless of how the information comes to their attention – including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Although Mandatory Reporters must file a report, in most instances, a person who is subjected to the alleged conduct will be able to control how the report is handled, including whether or not to pursue a formal investigation. The University’s goal is to make sure you are aware of the range of options available to you and to ensure access to the resources you need.

*Students can learn more about filing a report, accessing supportive resources, and navigating the Title IX investigation and resolution process on the University’s [Title IX webpage](#).*

**Statement on Mental Health and Wellness**

Texas A&M University recognizes that mental health and wellness are critical factors that influence a student’s academic success and overall wellbeing. Students are encouraged to engage in healthy self-care by utilizing available resources and services on your campus.

**Texas A&M College Station**

*Students who need someone to talk to can contact Counseling & Psychological Services (CAPS) or call the TAMU Helpline (979-845-2700) from 4:00 p.m. to 8:00 a.m. weekdays and 24 hours on weekends. 24-hour emergency help is also available through the National Suicide Prevention Hotline (800-273-8255) or at suicidepreventionlifeline.org.*

**Campus-Specific Policies**

**Statement on the Family Educational Rights and Privacy Act (FERPA)**

FERPA is a federal law designed to protect the privacy of educational records by limiting access to these records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. Currently enrolled students wishing to withhold any or all directory information items may do so by going to [howdy.tamu.edu](http://howdy.tamu.edu) and clicking on the "Directory Hold Information" link in the Student Records channel on the MyRecord tab. The complete [FERPA Notice to Students](#) and the student records policy is available on the Office of the Registrar webpage.

Items that can never be identified as public information are a student’s social security number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

Directory items include name, UIN, local address, permanent address, email address, local telephone number, permanent telephone number, dates of attendance, program of study (college, major, campus), classification, previous institutions attended, degrees honors and awards received, participation in officially recognized activities and sports, medical residence location and medical residence specialization.