

605D Introduction to Anesthesia

Course Name Introduction to Anesthesia

Course Director Kyle Paredes, MD

Academic Year 2020-2021

1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Kyle Paredes, MD	101 The City Dr. S., Bldg. 53, Orange, CA 92868	714-456-5342	paredesk@uci.edu
Coordinator: Dean Wong	101 The City Dr. S., Bldg. 53 – Rm 205, Orange, CA, 92868	714-456-5342	deanw@uci.edu

DESCRIPTION

This course gives students a brief exposure to Anesthesiology. The students will get a general idea of what the anesthesiology specialty is all about. For the medical student considering specializing in anesthesia, participating in this rotation will make your decision more informed as to how an anesthesiologist can best serve as a consultant to other specialists.

PREREQUISITES

This course is intended for third-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

RESTRICTIONS

This course is intended for third-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

COURSE DIRECTOR

Kyle Paredes, MD, MBA HS/Assistant Clinical Professor, Assistant Dean, Student Affairs, Director, MD/MBA program and Director, Medical Student Clerkship Rotations. He attended The University of California San Francisco School of Medicine and completed his residency at UCI School of Medicine. Dr. Paredes has worked in higher education since 2015.

Dean Wong is the course coordinator for 605D course.

INFORMATION FOR THE FIRST DAY

Who to Report to on First Day: Contact Site Coordinator

Location to Report on First Day: Building 53, Room 205

SITE: UC Irvine Medical Center

DURATION: 2 weeks

Scheduling Coordinator: UC Irvine students please call (714) 456-8462 to make a scheduling appointment.

Periods Available: The time of the course must be pre-approved by the elective director at least 3 months prior to the start of the course. No exceptions.

NUMBER OF STUDENTS ALLOWED

6 students by total capacity of OR electives

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE

Prior the start of the rotation the student should visit the departmental website at http://www.anesthesiology.uci.edu/education_med.shtml. All orientation, contact and syllabus information can be found on this site.

COMMUNICATION WITH FACULTY

Questions about logistics should be directed to the Course Coordinator. Direct questions, comments, or concerns about the course can be directed to the Course Director. Contact information and office location are at the beginning of this document.

The Course Director is also available to meet in person. Please email deanw@uci.edu to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

SUBJECT: COURSE NAME, your last name, your issue (e.g. XXX, Smith, Request for appointment)

2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 605D course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily

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complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

Course Objective	Mapped UCI School of Medicine Program Objective	Sub Competency	Core Competency
Demonstrate knowledge of the anesthesiologist's role in patient care	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Medical Practice	Knowledgeable
Demonstrate knowledge of the principles of evaluation and preparation of the patient for surgery	B-2. The ability to competently perform a complete and organ-system-specific examination including a mental health status examination	Physical Exam	Skillful
Demonstrate skills to manage the intraoperative events	B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines	Patient Management	Skillful
Demonstrate skill to manage a patient in the postoperative phase	B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines	Patient Management	Skillful
Demonstrate knowledge of the anesthesiologist's role as a consultant in the management of the trauma patient	A-5. Knowledge of medical practice, including healthcare economics and health systems impacting	Medical Practice	Knowledgeable

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	<p>delivery and quality of patient care</p> <p>B-6. The ability to function effectively within the context of complexity and uncertainty in medical care</p>	Patient Management	Skillful
Demonstrate knowledge of the anesthesiologist's role in the management of the parturient	<p>A-5. Knowledge of medical practice, including healthcare economics and health systems impacting delivery and quality of patient care</p>	Medical Practice	Knowledgeable
	<p>B-3 The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines</p>	Patient Management	Skillful
	<p>B-6. The ability to function effectively within the context of complexity and uncertainty in medical care</p>	Patient Management	Skillful
Demonstrate skill in the care and management of the patients with cardiovascular disease	<p>A-5. Knowledge of medical practice, including healthcare economics and health systems impacting delivery and quality of patient care</p>	Medical Practice	Knowledgeable
	<p>B-3 The ability to articulate a cogent, accurate assessment and plan, and problem</p>	Patient Management	Skillful

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	<p>list, using diagnostic clinical reasoning skills in all the major disciplines</p> <p>B-6. The ability to function effectively within the context of complexity and uncertainty in medical care</p>	Patient Management	Skillful
Demonstrate skill in the applied pharmacology, physiology and acute pain management	<p>A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes</p> <p>B-3 The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines</p> <p>B-6. The ability to function effectively within the context of complexity and uncertainty in medical care</p>	<p>Basic Clinical Skills</p> <p>Patient Management</p> <p>Patient Management</p>	<p>Knowledgeable</p> <p>Skillful</p> <p>Skillful</p>
Demonstrate skill in basic airway management	<p>A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and</p>	Basic Clinical Skills	Knowledgeable

3. Course Resources

TEXTS AND READINGS: SUGGESTED

Clinical Anesthesiology, Edward Morgan, M.D., Maged Mikhail, M.D. (on loan from the department) Essentials of Anesthesiology, David C.C.

4. Major Exams, Assignments and Grading

MANDATORY SESSIONS

Students are assigned on a daily basis to a team with an anesthesiology resident and attending and are expected to fully participate in the anesthetic management of the surgical cases scheduled for his/her team. Students attend department grand rounds, clinical case conferences, and simulation sessions during the rotation.

GRADING

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F), and Incomplete (I). For further information, please review the Grading Policy. The standard UC Irvine elective evaluation form will be used to determine the students' final grade. The students' grade is based largely on faculty and resident evaluation of the students' performance throughout the course. In addition, grades will be based on attendance, participation in conferences and activities, and a final written exam. You have 30 days from the date of the grade to appeal any aspect of this grade. Please contact your Clerkship/course Director should you have any questions

Requirements for "Pass": To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Requirements for "Honors": To receive a grade of Honors, students must demonstrate exceptional performance all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Grounds for “Incomplete”: You will not be issued a grade until all elements of the course have been completed.

REMEDIATION

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

Grounds for “Fail”: You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.