

# 685H Advanced Thoracic & Cardiac Surgery

This course is available to UC Irvine students only

**Course Name** Advanced Thoracic and Cardiac Surgery  
**Course Director** Lourdes Swentek, MD

Elective at a Glance		
<b>Available to:</b> <input checked="" type="checkbox"/> UCI MS3 students <input checked="" type="checkbox"/> UCI MS4 students <input type="checkbox"/> Extramural Students		
<b>Duration:</b> Variable	<b>Number of Students:</b> Variable	<b>Grading:</b> H / P / F
<b>Periods available:</b> The time of the course must be pre-approved by the elective director at least three months prior to the start of the course. No exceptions.		

## 1. Course Director, Coordinator and General Administrative Information

### FACULTY AND STAFF

Name	Office Location	Phone	Email
Course Director: Lourdes Swentek, MD	3800 Chapman Ave, Suite 6200, Orange, CA	714-456-5532	<a href="mailto:lyrobles@hs.uci.edu">lyrobles@hs.uci.edu</a>
Course Coordinator: Staci Reichenecker	3800 Chapman Ave, Suite 6200, Orange, CA	714-456-5532	<a href="mailto:reichens@hs.uci.edu">reichens@hs.uci.edu</a>

### DESCRIPTION

Advanced Thoracic and Cardiac Surgery is an elective course in which the student is assigned to the cardiothoracic service, evaluates patients with a range of pulmonary and cardiac disorders, participates in all phases of management, and attends rounds and conferences. The student is given basic instruction in cardiopulmonary physiology as it relates to surgical problems. Scrub in on open heart and thoracic cases at UCI Medical Center.

### PREREQUISITES

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at the UCI School of Medicine. Completion of core surgery clerkship required.

### RESTRICTIONS

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at the UCI School of Medicine.

### COURSE DIRECTOR

Dr. Swentek Lourdes Y. Swentek is a board-certified surgeon who specializes in trauma, critical care, Emergency and general surgery. She earned a medical degree at Loyola University Chicago's Stritch School of Medicine in Maywood, IL. She completed a residency in general surgery at Loma Linda University Medical Center

in Loma Linda, Calif., followed by fellowship training in trauma and critical care surgery at UCI Medical Center. She worked at Loma Linda for two years before being recruited back to UCI to join the trauma and critical care team.

Staci Reichenecker is the course coordinator for 685H course.

**Instructing Faculty:** Kelly Fairbairn, MD; Ali Mahtabifard, MD; Hari Keshava, MD

**INFORMATION FOR THE FIRST DAY**

**Who to Report to on First Day:** Contact Staci Reichenecker, [reichens@hs.uci.edu](mailto:reichens@hs.uci.edu)

**Location to Report on First Day:** Varies

**Time to Report on First Day:** Chief Resident on rotation; please wear professional clothes, white coat and badge with credentials visible

**SITE:** UCI Medical Center

**DURATION:** Variable

**Scheduling Coordinator**

UCI students please email [comsched@hs.uci.edu](mailto:comsched@hs.uci.edu) to make a scheduling appointment.

**Periods Available**

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

**NUMBER OF STUDENTS ALLOWED:** Variable

**WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE**

Complete Research Elective Proposal and submit the document to Senior Associate Dean of Educational Affairs for approval.

**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 [reichens@hs.uci.edu](mailto:reichens@hs.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 685H course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

<b>Course Objective</b>	<b>Mapped UCI School of Medicine Program Objective</b>	<b>Sub Competency</b>	<b>Core Competency</b>
Demonstrate knowledge and skill in all phases of cardiothoracic service	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable
Demonstrate skill in surgical technique	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable
Demonstrate skill in patient management; history taking, physical examination	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 the ability to establish rapport with patients	C-2. Professional behaviors reflecting compassion and respect for patient privacy, altruism and a commitment to comprehensive, holistic medical care	Compassion	Altruistic
Demonstrate knowledge of anatomy and physiology of the cardiovascular system	A-1. Knowledge of the structure and function of the major organ systems, including the molecular, biochemical and cellular mechanisms for maintaining homeostasis	Structure and Function of Organ Systems	Knowledgeable

## 3. Course Resources

### TEXTS AND READINGS: SUGGESTED

Schwartz's Principles of Surgery, 10th Edition

## 4. Major Exams, Assignments and Grading

### MANDATORY SESSIONS

No structured exam for this acting internship. Evaluations from Faculty are major contributors to student grading

### MAJOR ASSIGNMENTS AND EXAMS

#### 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.

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.