

# 685H Advanced Thoracic and Cardiac Surgery

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**Course Name** Advanced Thoracic and Cardiac Surgery  
**Course Director** Sebastian Schubl, MD

**Academic Year** 2020-2021

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

### FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Sebastian Schubl, MD	City Tower, Ste. 1600	714-456-5532	sschubl@uci.edu
Coordinator: Staci Reichenecker	333 City Blvd., W., Ste. 1600	714-456-5532	reichens@uci.edu

### 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 3<sup>rd</sup> and 4<sup>th</sup>-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

### RESTRICTIONS

This course is intended for 3<sup>rd</sup> and 4<sup>th</sup>-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

### COURSE DIRECTOR

Dr. Schubl has worked in higher education since Dr. Schubl was raised and trained on the east coast before completing a fellowship in trauma and critical care surgery at the University of California at Irvine Medical Center. Prior to that he attended

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Johns Hopkins University, the University of Virginia and New York Presbyterian Hospital/Weill Cornell Medical Center in New York City. He has an active interest in surgical outcomes, surgical infections and translational research involving the care of the injured patient and the critically ill. He is a member of several national societies including the Society for Critical Care Medicine, the Eastern Association for the Surgery of Trauma, the Surgical Infections Society, the Chest Wall Injury Society and is a Fellow in the American College of Surgeons. Prior to relocating to Southern California he was a member of the faculty in the Department of Surgery at Weill Cornell Medical Center and served as the Trauma Medical Director at that institution's trauma affiliate in Queens, Jamaica Hospital, an ACS verified level one trauma center.

Staci Reichenecker is the course coordinator for 685H course.

**Instructing Faculty:** Jack Sun, MD; Ali Mahtabifard, MD

**INFORMATION FOR THE FIRST DAY**

Location to Report on the First Day: Contact Staci Reichenecker, 714-456-5532, reichens@uci.edu

Time to Report on First Day: varies

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

**SITE:** UC Irvine Medical Center

**DURATION:** 2-4 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:** 1 per rotation

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

None

**COMMUNICATION WITH FACULTY**

Communication with Faculty is under the direction of Dr. Jack Sun. 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@uci.edu](mailto:reichens@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	Patient Management	Skillful

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	clinical reasoning skills in all the major disciplines		
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

**MAJOR ASSIGNMENTS AND EXAMS**

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

**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](#).

Students will receive a final grade of Honors, Pass or Fail. The student's final evaluation will be submitted on the standard UC Irvine Elective Evaluation Form. The student's final evaluation will be derived from input from Attendings and Residents. The student will be evaluated with specific attention to: surgical technique, patient management, history and physical taking, patient rapport, and knowledge of anatomy and physiology of the cardiac system. 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.

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.

**Absence:** With prior notification, you are allowed a maximum of three (3) days of absence during your 4 week rotation. You will need to reschedule your rotation for another date if you miss more than 3 days. Any questions or issues regarding your critical care clerkship grade should be presented to your course director and the grading faculty.