

## Anesthesiology

**ANES 9401**

<b>Course Description</b>	This course is designed to expose students to the field of Anesthesiology; including options to spend time in the general operating room, cardiovascular center, labor and delivery, pediatric operating rooms, off site anesthesia locations such as MRI and Vascular Interventional Radiology, the GI suites, Electroconvulsive Therapy, and the pain management center.
<b>Course Objectives</b>	<ul style="list-style-type: none"><li>• Describe and discuss the process of a preoperative evaluation and informed consent</li><li>• Explain the formation and execution of an anesthesia plan and patient monitoring</li><li>• Describe and discuss emergence from anesthesia and post-operative management and pain control</li><li>• Develop a working knowledge of anesthetic pharmacology and regional anesthesia techniques</li><li>• Identify common complications in anesthesia and surgery and describe their management</li><li>• Develop airway management skills including mask ventilation, intubation, and the use of airway devices and equipment</li></ul>
<b>Course Activities</b>	The student will observe and participate, as much as possible, in the management of anesthesia patients in multiple clinical areas. The opportunity to improve intravenous access skills is often available. The student will learn by working directly with anesthesiologists, nurse anesthetists, and anesthesiologist assistants. The field of anesthesiology requires the knowledge of many fields of study, including: pharmacology, anatomy, physiology, surgery, intensive care, psychology, and interpersonal relations.
<b>Course Schedule Requirements</b>	No on-call requirement. Student is present during usual clinical hours (7:00am – 5:00pm, Monday – Friday, excluding holidays as determined by the ECU calendar).

<b>Duration</b>	2 weeks	<b>Location</b>	East Carolina Anesthesia Associates/ Vidant Medical Center
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<b>Designation</b>	Elective	<b>Revised</b>	08.22.2019
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