

Course Code:	ORSU-G810
Name of Rotation/Elective:	General Orthopedic Surgery
Duration:	4 weeks
Possible Rotation Dates:	<ul style="list-style-type: none"> <li>• July 29 – August 23, 2024</li> <li>• August 26 – September 20, 2024</li> <li>• September 23 – October 18, 2024</li> <li>• October 21 – November 15, 2024</li> <li>• November 18 – December 13, 2024</li> </ul>
Course Director:	Michael Sridhar
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Course Coordinator:	Robin Powser
Course Coordinator Email:	<a href="mailto:Robin.Powser@prismahealth.org">Robin.Powser@prismahealth.org</a>
Applicant Requirements:	<ul style="list-style-type: none"> <li>• <b>USMLE Step 1:</b> Pass or <b>USMLE Step 2:</b> If available, please include your Step 2 score report</li> <li>• <b>COMLEX:</b> Not accepted</li> <li>• <b>Personal Statement:</b> Why are you interested in rotating in Orthopedics at Prisma Health–Upstate in Greenville?</li> </ul>
Course Location:	Greenville Memorial Hospital, Greenville, SC
Typical Schedule:	6:00 AM – 5:00 PM Varied
Course Objectives:	<p><b>Patient Care</b></p> <ul style="list-style-type: none"> <li>• Develop basic skills in the diagnosis, evaluation, and management orthopedic patients.</li> <li>• Learn the indications and complications of common orthopaedic procedures.</li> </ul> <p><b>Medical Knowledge</b></p> <ul style="list-style-type: none"> <li>• Perform a focused musculoskeletal history and physical exam.</li> <li>• Recognize signs and symptoms of basic orthopaedic diagnoses including fractures/dislocations, fat-embolism syndrome, compartment syndrome, infection, arthritis, congenital or developmental deformity, and spine-related neural compression.</li> <li>• Apply a simple cast or splint to an injured extremity.</li> <li>• Properly perform knee and shoulder joint injection/aspiration</li> <li>• Understand sterile techniques.</li> <li>• Diagnose and describe basic fractures by radiograph analysis.</li> </ul> <p><b>Interpersonal and Communication Skills</b></p> <ul style="list-style-type: none"> <li>• Medical Students will examine patients in the hospital and office with residents or attending and will learn to present their findings in a concise and organized manner aimed at a diagnosis and basic treatment plan.</li> <li>• Students will learn to communicate effectively with patients, families, and other professionals.</li> </ul> <p><b>Practice-Based Learning and Improvement</b></p> <ul style="list-style-type: none"> <li>• Student will learn the basic methods for searching and reviewing current literature for their assigned patients, how to appraise scientific evidence, and how to improve patient care with constant self-evaluation and life-long learning.</li> <li>• Students will pre-read and participate in morning trauma checkout, didactic conferences, and Journal Clubs that occur during the time they are assigned to the orthopaedic department.</li> </ul> <p><b>Professionalism</b></p> <ul style="list-style-type: none"> <li>• Students will always behave in an ethical and professional manner.</li> <li>• Demonstrate respect, compassion, integrity, empathy in patient care and professional interactions.</li> </ul>

	<p><b>Systems-Based Practice</b></p> <ul style="list-style-type: none"> <li>• Work cooperatively with residents and other medical staff to provide effective patient care.</li> <li>• Learn how to appropriately triage patients based on the acuity and severity of diagnoses.</li> </ul>
<p>Course Description:</p>	<p>This course is designed to provide the student with a broad exposure to orthopedic surgery. Attention will be given to basic adult and pediatric orthopedic pathology, including trauma, arthritis, deformity, sports medicine, tumors, spinal disease, metabolic disease, and infection.</p> <p>The student will be assigned to a team consisting of orthopedic residents and faculty members. Responsibilities will include completion of a medical history and performance of a physical examination on assigned patients as well as assisting in their diagnosis and treatment plan.</p> <p>Participation in the preoperative evaluation, surgical treatment, and postoperative management will be expected. In addition to daily rounds, the student will participate in regularly scheduled orthopedic conferences and clinics.</p> <p>The four-week rotation will be organized to ensure access to focused experiences in orthopedic trauma, pediatric orthopedics, hand surgery, and total joint arthroplasty.</p>