

GENERAL COURSE INFORMATION

Course # & Title:	SRG 3000: Fundamentals of Surgery
Course Credit Hours:	1 Credit Hour
Contact Hours:	<input checked="" type="checkbox"/> Distance, Blended, or Clinical Courses: 1 Credit = 37.5 hrs. to complete all activities
Semester(s) & Year:	Fall 2023 and Spring 2024
Grading Scale:	Pass, Fail (P, F)
Delivery Mode:	Clinical
Class Meeting Times/Locations:	M-F 8:00 – 5:00 – SIMS Laboratory Colorado and Utah Campuses <ul style="list-style-type: none">• July 10-July 14, 2023• August 7-August 11, 2023• September 4-September 8, 2023• October 2-October 6, 2023• October 30-November 3, 2023• November 27-December 1, 2023• January 8-January 12, 2024• February 5-February 9, 2024• March 4-March 8, 2024 (if needed)• April 1-April 5, 2024 (if needed)• April 29-May 3, 2024 (if needed)

FACULTY CONTACT INFORMATION

Student Inquiry Contact: Brigitta Robinson, MD (Colorado) & Andy Nigh, MD (Utah)
In order to make an appointment or to contact someone with an urgent clerkship issue, please email clerkshipdirectors@rvu.edu

Additional Course Faculty:

Colorado:

- Dr. David Ross
- Dr. John Kendall
- Dr. Amanda Blake

Utah:

- Dr. Cameron Black
- Dr. Terry Melendez
- Dr. Scott Needham

COURSE DETAILS

Course Description:

This course provides students with initial exposure to their surgery clerkship on the RVU campus at the surgical simulation center for one week. Students will be expected to take call in the evenings.

Prerequisites: Successful completion of all pre-clinical (Year 1 and Year 2) coursework and passing score on COMLEX 1.

The course emphasizes acquiring competency in the following skills;

1. Acquiring a history and performing a simulated physical examination on patients presenting in an emergency department with surgical disease or in post-operative hospital setting.
2. Assessing patient problems, creating a cogent differential diagnosis, ordering and interpreting appropriate laboratory and diagnostic tests, distinguishing surgical from non-surgical problems and distinguishing emergent, urgent, and elective surgical problems.
3. Develop the ability to accurately report a patient summary to fellow students and faculty
4. Identification of common surgical instruments
5. Acquisition of knowledge about peri-operative conditions and management of those conditions

Learning Outcome Information:

Course Learning Objectives/Outcomes					
I = introduce, R = reinforce, C = competent					
Upon successful completion of the course, the student will be able to;	ILO	PLO	EPA	Educational Methods	Assessment Methods
Acquire the knowledge, skills, and competencies required to treat patients with acute and chronic surgical conditions in a peri-operative patient (I, R, and C)	1,2, 4,5	1,2, 3,6	1,2, 3,4, 6,10, 12	Academic, skill and case presentations	Instrument exam, Clinical knowledge exam, instructor's evaluation, competency demonstration
Develop the history and physical examination skills required to perform well on the clinical clerkship (R)	1,4	1,2 3,6	1,2, 3,4, 6,10, 12	Academic, skill and case presentations	Clinical knowledge exam, instructor's evaluation, competency demonstration
Apply clinical information for problem solving to advance the health of the patient (R)	5	6	7	Academic, skill and case presentations	Clinical knowledge exam, instructor's evaluation, competency demonstration
Develop the communication skills required to communicate with a wide diversity of patients in a variety of settings (R)	1,2	4	1,6	Academic, skill and case presentations	Instructor's evaluation of academic and case presentations
Develop the ability to research and apply medical literature for information that affects a patient's condition, treatment and outcomes. (R)	5	2, 6	7	Academic, skill and case presentations	Instructor's evaluation of academic and case presentations
Develop knowledge and skill regarding indications and therapies for various procedures and therapies common to surgery (I,R)	5	2, 6	10	Academic, skill and case presentations	Instrument exam, Clinical knowledge exam, instructor's evaluation, competency demonstration

Required Texts/Materials:

Title	Edition	Author(s)	Year
Doherty, G.M.	15th	Doherty	2020

Assignments and Due Dates:

Assignment	Possible Points	Due Date
Instrument Identification post-test	100% = 3 points 95-99% = 2 points > 70% = 1 point < 70% = 0 points	End of week
Clinical Knowledge Final Examination	80% or greater = 6 points 75-79% = 4 points > 50% = 2 points < 50% = 0 points	End of week
Instructors' evaluation	Honors = 6 points, Above Average = 4 points, Pass = 2 points, Fail = 0 points	End of week

Final Grade Calculation:

Grades for the Fundamentals of Surgery course are determined by performance on the Instrument Identification Post-test, Clinical Knowledge Final Examination and Instructors' Evaluation. Transcript designations for the core rotations include:

- H: Honors
- P: Pass
- F: Fail
- Px: Pass with Remediation

For the **final course grade:**

- Honors = 12-15 points, (80% or greater)
- Pass = 5-11 points,
- Fail < 5 points

If a student fails this course, successful passing of the surgical clerkship is considered successful remediation. If a student fails both the Fundamentals of Surgery course and the surgical clerkship, the Fundamentals of Surgery course must be repeated successfully for remediation.

Course Policies:**Attendance**

100% attendance is required at all times during the course. Students are expected to obtain Excused Absences in advance, except in the case of an emergency. Any student who misses a required event without approval will receive a zero for that session and will not be allowed to remediate the session or event.

Professional Conduct Policy

Students are expected to always adhere to the highest level of professional conduct. Students will always treat *all* employees of Rocky Vista University and those in clinical training sites with respect and courtesy. Students will demonstrate ethically responsible behavior; act honestly and with integrity to patients, their representatives, faculty/preceptors, and coworkers. Students will preserve confidentiality and not discuss patients publicly or with unauthorized persons. No documents with patient-identifying information will leave the clinical setting. Compliance with all institutional regulations, including state and federal HIPAA laws, is expected.

The Preceptor has the authority to dismiss a student from the clerkship for violations of the student's duties and responsibilities as delineated in this manual, a threat to public health or safety, or as deemed appropriate for the continued operation of the clinical site. Any such action will result in evaluation by the Department of Clinical Education and the Student Progress Committee, which may result in a failing grade for the clerkship and/or dismissal from the University. In addition, any problems or concerns affecting students not adequately resolved at the site should be referred to the Department of Clinical Education and the appropriate Dean of Clinical Education. Students should read and comply with the Student Level of Supervision available in the Clinical Education Manual. In the case of any student suspected of having a substance abuse or mental health problem, the Preceptor must report this situation to both the Dean and Senior Associate Dean of Clinical Education to direct the student to evaluation assistance and further action.

Course Schedule:

Mon	Activity	Tues	Activity	Wed	Activity
0700-0730	Welcome	0700-0745	Surgical Wounds 1 TBL	0700-0745	Anesthesia TBL
0730-0815	Instrument Review	0745-0830	Surgical Wounds 2 TBL	0745-0830	Nutrition TBL
0815-0830	Break	0830-0845	Break	0830-0845	Break
0830-0930	Anatomy Review	0845-0930	Fluids	0845-0930	Pain Management TBL
0930-1000	Laparoscopy	0930-1015	Electrolytes	0930-1100	Cut Suit Surgery Teams 1 and 2 Teams 3 and 4; NG, Foley, and Laparoscopy stations; 30 minutes each Teams 5 and 6; Competency practice/signoff
1000-1015	Break	1015-1030	Break	1100-1230	Cut Suit Surgery Teams 1 and 2 Teams 3 and 4; NG, Foley, and Laparoscopy stations; 30 minutes each Teams 5 and 6; Competency practice/signoff
1015-1100	Preoperative assessment of Risk Factors TBL	1015-1030	Break	1230-1400	Cut Suit Surgery Teams 1 and 2 Teams 3 and 4; NG, Foley, and Laparoscopy

					stations; 30 minutes each Teams 5 and 6; Competency practice/signoff
1100-1130	Management of Chronic Medications	1030-1115	Prophylactic Antibiotics	1400-1430	Quiz 2
1130-1145	Break	1115-1215	Case Presentation prep, suture and knot tying practice	1430-1500	Quiz Review
1145-1245	Case Presentation prep, suture and knot tying practice	1215-1300	Transfusions TBL		
1245-1315	Sutures/Knots/ Power Sources	1300-1345	Coagulation TBL		
1315-1345	Tubes and Drains	1345-1445	Shock		
1345-1415	Life on the Surgery Service	1445-1515	Quiz 1		
1415-1430	Break	1515-1545	Quiz Review		
1430-1500	Postoperative Care				
1500-1545	DVT TBL				
1545-1630	Postop Fever TBL				

Thurs	Activity	Friday	Activity
0700-1300	Case presentations	0700-0800	Instrument Examination
1300-1345	ATLS TBL	0800-1000	Clinical Knowledge Examination
1345-1545	ATLS/Oxford Simulations	1000-?	Finish any competency assessments if needed
1545-1615	Debrief of Simulations		
1615-1645	Quiz 3		
1645-1700	Quiz Review		

STUDENT SUCCESS & SUPPORT RESOURCES

POLICIES

POLICIES

Academic Integrity Policy:

<https://catalog.rvu.edu/academic-integrity>

All RVU Policies:

<https://policies.rvu.edu/> (must be logged into inet.rvu.edu)

Program Handbook:

<https://catalog.rvu.edu>

RESEARCH & WRITING SUPPORT

Frank R. Ames Memorial Library:

<https://library.rvu.edu/framl/home>

Plagiarism:

<https://library.rvu.edu/researchguide/researchethics/plagiarism>

Writing Center:

<https://www.rvu.edu/writing-center/>

GENERAL STUDENT SUPPORT

Diversity, Equity, & Inclusion:

<https://www.rvu.edu/about/diversity-equity-and-inclusion/>

Financial Services:

<https://www.rvu.edu/admissions/financial-aid/>

IT Help Desk:

https://myvista.rvu.edu/ics/Help_Desk/ (must be logged into inet.rvu.edu)

Mental Health & Wellness:

<https://www.rvu.edu/mental-health/>

Services for Students with Disabilities-CO:

<https://www.rvu.edu/co/student-affairs/disability-services/>

Services for Students with Disabilities-UT:

<https://www.rvu.edu/ut/student-affairs/disability-services/>

Student Affairs:

<https://www.rvu.edu/student-affairs/>