

KIN 4075- Gross Anatomy Syllabus
Spring 2020
T/R 4:30-7:30pm

INSTRUCTOR INFORMATION

Instructor: Reagan Falduti, MS, ATC

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COURSE DESCRIPTION

This course is appropriate for undergraduate and post baccalaureate students, including pre-medical and pre-allied health students, seeking to gain a better appreciation of the anatomical/functional relationship of the human body. It is a 8-week course that covers all aspects of human functional and clinical gross anatomy.

COURSE AIM

To provide students with a better understanding of the human body in health and disease. The course will encompass student presentations, discussion groups, online research, and demonstrations with models, in addition to lectures and dissection.

INSTITUTIONAL LEARNING OUTCOMES (ILO)

1. Learning, Informed by our Faith in Christ

Students will acquire knowledge of human cultures and the physical and natural world while developing skills and habits of the mind that foster lifelong learning.

2. Growing, In a Christ-Centered Faith Community

Students will develop a deeper and more informed understanding of others as they negotiate complex professional, environmental, and social contexts.

3. Serving, In a Context of Christian Faith

Students will serve locally and/or globally in vocational and social settings.

PROGRAM LEARNING OUTCOMES (PLO)

The Point Loma Nazarene University MS-AT graduate will be able to

1. Demonstrate competency in interpreting evidence-based research and improving clinical standards and practice through clinical question development and research methodology.
2. Develop expertise in the athletic training domains through an integrative experiential clinical model.
3. Demonstrate the appropriate knowledge and educational foundation required for an entry-level Certified Athletic Trainer.
4. Establish and understand the importance of inter-professional relationships, while collaborating with other health care professionals to become effective communicators.
5. Demonstrate preparation, knowledge and skill in the delivery of comprehensive healthcare to a diverse set of patients with musculoskeletal injuries and conditions and illnesses in a distinctly moral and ethical manner, integrating Christian faith with clinical practice.

COURSE LEARNING OUTCOMES (CLO)

The following learning outcomes will be achieved by students in this course:

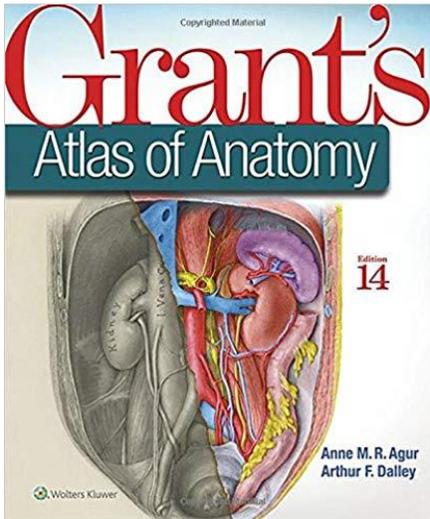
1. Describe the structural and functional organization of the human body and the interrelatedness of bony structures, musculature, innervation and vasculature, within each body region
2. Apply knowledge of the anatomic organization and relationships of structures to identify and interpret anatomic landmarks, and normal structures on cadaveric specimens
3. Explain the anatomic basis for common clinical conditions, injuries, pathologies, and diagnostic/interventional procedures
4. Demonstrate the communication and organizational skills necessary to accurately convey anatomic information with peers
5. Demonstrate respect, integrity, responsibility, and self-discipline toward donors, peers, and faculty
6. Analyze their understanding of the human body and use this information to guide their study of gross anatomy

CREDIT HOUR INFORMATION

It is anticipated that students will spend a minimum of 50 participation hours per credit hour on their course work. As a graduate course, students can expect the work in this class to be significant, and students should plan on spending 20-25 hours a week engaged in the course.

REQUIRED TEXT & RECOMMENDED RESOURCES

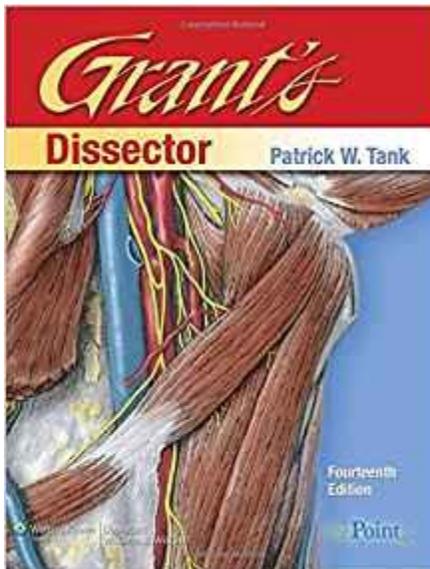
The following textbooks and materials are required for the gross anatomy lab:



Anne M.R. Agur, Arthur F. Dalley

[Grant's Atlas of Anatomy, 14th Edition](#)

[\(Links to an external site.\)](#)



Patrick W. Tank

[Grant's Dissector, 14th Edition](#)

[\(Links to an external site.\)](#)

ASSESSMENT AND GRADING

Your grades will be posted in the Canvas [Grades](#) area no later than midnight on Tuesday of each week beginning in Week Two of this course. It is important to read the comments posted in the Grades as these comments are intended to help you improve your work. Final grades will be posted within one week of the end of the class. Grades will be based on the following:

Grade Weighting

| | |
|---------------------|----|
| In Class Activities | 10 |
|---------------------|----|

| | |
|----------------------------------|-----|
| Dissection Captain Presentations | 10 |
| Assignments | 20 |
| Quizzes & Surveys | 20 |
| Lab Practicals | 40 |
| Total | 100 |

Note: grade weighting subject to change throughout semester based on course assignments

Grade Scale

| | | | |
|-----------|--------|-----------|-------|
| A | 93-100 | C | 73-76 |
| A- | 90-92 | C- | 70-72 |
| B+ | 87-89 | D+ | 67-69 |
| B | 83-86 | D | 63-66 |
| B- | 80-82 | D- | 60-62 |
| C+ | 77-79 | F | 0-59 |

COURSE RESPONSIBILITIES

The Mechanics of Dissection

Before coming to the laboratory, read the relevant sections in your textbook and in the dissection manual. Study the drawings in your atlas of the region to be dissected. Read any specific pre-lab material provided. Make sure that you understand the general developmental history of the structures in this region, and of the way in which blood supply and innervation reach them. (This last point is emphatically not the same thing as memorizing a list of paired anatomical names. This is really about making connections between anatomical parts that must work together and connecting that to what you are learning in other parts of this course). In short, please come as prepared as possible.

Dissection Captains

All students are expected to read the dissector prior to attending lab and must be prepared to perform the day's dissection. However, in the interest of fostering

teamwork and leadership skills, as well as streamlining the dissections, each cadaver team will be assigned a “Dissection Captain.”

Daily Dissection Captain Responsibilities:

1. Reading the dissector ahead of lab and coming prepared to perform the dissection
2. Leading their team through the dissection and delineate tasks
3. Leading a review of the major structures explored following each dissection
4. Making sure the dissection instruments are accounted for, organized, and cleaned following each dissection
5. Making sure the cadaver is wet and properly stored following each dissection
6. Making sure your station is clean, the light is turned off, and you have logged off the computer.
7. **CREATING LECTURE PRESENTATIONS FOR THE WEEK (GRADED ASSIGNMENT)**

Your performance as Dissection Captain will be included in the final grade for this course.

ATTENDANCE

Students taking online courses are expected to attend each week of the course. Attendance is defined as participating in an academic activity within the online classroom which includes posting in a graded activity in the course. (Note: Logging into the course does not qualify as participation and will not be counted as meeting the attendance requirement.)

Students who do not attend at least once in any 3 consecutive days will be issued an attendance warning. Students who do not attend at least once in any 7 consecutive days will be dropped from the course retroactive to the last date of recorded attendance.

Students who anticipate being absent for an entire week of a course should contact the instructor in advance for approval and make arrangements to complete the required coursework and/or alternative assignments assigned at the discretion of the instructor. Acceptance of late work is at the discretion of the instructor and does not waive attendance requirements.

LATE ASSIGNMENTS

- All assignments are to be submitted by the due date and time listed in the calendar via [Canvas](#).
- While there are due dates for weekly assignments, you are welcome to post your work earlier in the week. In our discussions, late work means that others

may not have the opportunity to respond to your comments. It also means that you will not have the benefit of as much interaction with other students as you will have if your assignment is posted on time. If you know you will be away on the day your assignment is due, please post your work before you leave.

- Missed exams or quizzes may **ONLY** be made up with a legal, written excuse.
- Late work will **NOT** be accepted or graded; assignments will be considered late if posted **after midnight Pacific Standard Time on the day they are due**

ACADEMIC HONESTY

g original work and by giving appropriate credit to the ideas of others. As explained in the university information, ideas, and/or concepts as one's own when in reality they are the result of another academic honesty include cheating, plagiarism, falsification, aiding the academic dishonesty of others, or who believes a situation involving academic dishonesty has been detected may assign a failing grade b) the course following the procedure in the university catalog. Students may appeal using the [policies](#)

[Links to an external site.](#)

for further information.

ACADEMIC ACCOMMODATIONS

If you have a diagnosed disability, please contact Jean Moncada in the Center for Student Success (CSS) within the first two weeks of class to demonstrate need and to register for accommodation by phone at (619) 563-2849 or by e-mail at jmoncada@pointloma.edu. Ask your academic advisor or program director for any additional accommodation information.

SPIRITUAL CARE

person. To this end, we provide resources for our graduate students to encounter God and grow in throughout this course. In addition, there are resources for your Christian faith journey available on

[Links to an external site.](#)

webpage.

INSTRUCTOR FEEDBACK

Assignments will be graded as soon after the due date as possible and grades will be posted to the Canvas gradebook. If an immediate response is needed, email or phone the instructor.

INFORMATION LITERACY

The curriculum of the MS-KIN is designed so that you develop skills in scientific writing, performing statistical analysis of data, reading and critically appraising primary literature, and incorporating current best evidence into your professional practice. Not all information is equally sound or applicable to your practice. Various assignments within this course are designed to accomplish the goal of informational literacy—to evaluate the validity and importance of information obtained from any source and use the information appropriately to solve relevant problems.

USE OF TECHNOLOGY

In order to be successful in the online environment, you'll need to meet the minimum technology and system requirements; please refer to the [Technology and System Requirements](#) page.

Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

If you do need technical help, you may click on the HELP button (located on the top-right corner of Canvas) and choose from whom you want assistance, or you may contact the campus helpdesk (619-849-2222)