

Additional Information: Sectional Anatomy and Pathology for CT DMIN 2500-001Term: FallYear: 2019

Course Date: August 20, 2019 - December 10, 2019

IAI Course Code for General Education:

Credit HoursCredit Hours: 3Lecture Hours: 3Lab Hours: 0

Contact Hours: 3

Clinical Hours: 0

PATHOLOGY AND PROCEDURES PAPER and POSTER/EXHIBIT: Final paper and poster exhibit is due and will be presented in class on ***Tuesday, November 12, 2019 at 4:00 pm. Attendance at the Wednesday November 20, 2019 Pathophysiology Panorama is mandatory (9:00 am- 2:00 pm). Professional Attire (Business Casual or Approved COD CT student scrubs) is required.***

A minimum 5-page written PAPER (typed) in **APA** format is due in class as stated above. Please use IN-TEXT citations. Your topic will be a pathology that you have selected either from the text or from your own interest. A minimum of three (3) references must be used with two (2) of them coming from journals (professional magazines) and one reference from a textbook. The disease you choose must be able to be imaged using, but not limited to, a computed tomography procedure. Your research (reference) material must not be more than 5 years old and preferably less than 3 years.

The paper headings must include (but not limited to) the NAME of the DISEASE, DESCRIPTION, METHODS of DIAGNOSIS (using medical imaging), TREATMENT, and PROGNOSIS, CONCLUSIONS, and REFERENCES. Some information you must include:

- Type of Study
- Indications
- Patient History
- Patient Preparation
- Camera parameters, special ancillary equipment, and computer parameters
- Exam Protocol
- Image processing and Display
- Radiologist Impression

The Library Research session is also mandatory and will be held in the library during 2 classes (September 3 and 10th from 4-4:50pm in SRC 3104. These sessions are designed to explain the resources available to you and assist with getting started on your Professional Research Project.

Your topic must be approved by me and submitted no later than September 24, 2019. Late submission will result in deduction of points.

After approval, your **topical outline of your paper is due by October 1, 2019**. If your outline is not detailed and specific to your topic, you will receive a "0". Your **reference list and first draft of your paper is due October 22, 2019**.

The POSTER/EXHIBIT requirement will be the same topic, but presented in a different format. This is more of a visual exhibit of your work from the paper. This should be a tri-fold big poster. Medical images, charts, tables, figures and drawings are desirable along with the title and concise narrative explanations from your paper headings. The POSTER/EXHIBIT should present the disease to the viewer so it can be explained as a stand-alone exhibit. Examples of this project will be provided from previous coursework.

In addition, please prepare for a brief (3-5 minutes) summary of your topic and exhibit/poster for presentation in class prior on *November 12, 2019*.

Late submissions or absences on due dates will comply with the course late policy.

Important information and dates:

Topic submission: September 24

Topic Outline: October 1

Reference list and first draft: October 22

Final paper and poster presentation in class: November 12

Poster Exhibit Date: Wednesday, November 20 from 0900 to 1400

Exhibit Location: Meet in NM Classroom at 0900 for a 3-5 minute presentation of your work to NM group and then set-up at the HSC Atrium area follows.

Grading for Pathology Portion of the DMIR 2500 Course is as follows:

2-Library Research Sessions: 100 Points Possible (50 points each) and MANDATORY.

Pathology Paper, Poster, and Presentation 400 Points Possible.

RSNA Attendance and Scavenger Hunt: 100 points Possible

*Various weekly assignments and quizzes will also be a part of the possible points.