

MP6204 Syllabus

Radiation Therapy Treatment Planning, Sections A&Q

W, 12:30 – 3:15 pm, Boggs 3-50

Instructor Information

Instructor	Email	Office Hours
Steve Ivanovics, MS, CMD Eric Elder, PhD	stephen.ivanovics@emoryhealthcare.org eelder@emory.edu eelder@gatech.edu	By Appointment at Emory, Teams or Zoom
Teaching Assistant(s)	Email	Office Hours
Malachi West	malachi.west@gatech.edu	

General Information

Description

Radiation Therapy Treatment Planning will be a series of lectures learning how to create teletherapy treatment plans for treating cancer in various anatomical sites using current radiation techniques.

Course Goals and Learning Outcomes

Learn to construct radiation therapy treatment plans for spine, brain, prostate, breast, lung, head & neck, and CNS using 3D conformal, IMRT, or VMAT techniques.

Course Modality Information

Instruction will be delivered in person (as conditions permit). All videos will be posted on Canvas after they are available

Course Requirements & Grading

Description of Graded Components

Final exam instructions will be provided at time of exam.

The final grade will be comprised of 50% Quizzes and 50% final exam.

Grading Scale

Your final grade will be assigned as a letter grade according to the following scale:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

See <http://registrar.gatech.edu/info/grading-system> for more information about the grading system at Georgia Tech.]

Course Materials

Course Website and Other Classroom Management Tools

All videos will be posted on Canvas after they are available.

Course Text – Recommended but not required

Treatment Planning in Radiation Oncology, 5th Edition, Khan, Faiz M., Lippincott Williams & Wilkins, 2021, ISBN-10: 1975162013, ISBN-13: 978-1975162016

Course Expectations & Guidelines

Health-Related Considerations

See Georgia Tech's statements in response to frequently asked questions related to [Covid-19 Information for Students here](#), including what students should do if you are sick. **If you are sick, do not come to class.**

Academic Integrity

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. For information on Georgia Tech's Academic Honor Code, please visit <http://www.catalog.gatech.edu/policies/honor-code/> or <http://www.catalog.gatech.edu/rules/18/>.

Any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Digital proctoring

Quizzes and Final Exam will be open book and open note. No digital proctoring will be necessary. Students are expected to abide to honor code as provided above.

Collaboration & Group Work

Quizzes and Final Exam must be performed individually.

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, contact the Office of Disability Services at (404)894-2563 or <http://disabilityservices.gatech.edu/>, as soon as possible, to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Extensions, Late Assignments, & Re-Scheduled/Missed Exams

All material and resources are accessible online. **In NO case will a makeup exam be given unless a student obtained approval PRIOR to the announced time of the exam.** Documented sickness that results in inability to complete assignments will be handled on an individual basis.

Student-Faculty Expectations Agreement

At Georgia Tech we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. See [this catalog page](#) for an articulation of some basic expectation that you can have of me and that I have of you. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.