

MEGR3116
Heat Transfer

Professor: J. M. Hill
Office: 269 Duke Centennial Hall
Hours: Tuesday and Thursday: 2:15 – 3:30
I will be in my office other times and days. If my door is open, feel free to come in.
Webpage: <http://webpages.uncc.edu/~hill>

Textbook: Introduction to Heat Transfer, 6th Edition*, Frank E. Incropera and David P. DeWitt, Wiley

Grading	2 tests @ 28%	56%
	Final Exam	28%
	Homework and long quizzes	8%
	Two-minute quizzes	8%

Course Outline

Chapter	Topic
1	Introduction to Modes of Heat Transfer
2,3	One-Dimensional Steady Conduction
4	Two-Dimensional Steady Conduction
5	Transient Conduction
6	Mechanisms of Convection
7,8	Internal and External Flows
11	Heat Exchangers

Selected topics from other chapters will be presented as time allows.

Course Policy

If a homework problem is assigned and you are told it will be collected, it will be due via Canvas before the next class. Due date and time will appear on Canvas. No hard copy or late submissions will be accepted for any reason.

If a test or quiz is missed, a grade of zero will be recorded unless the absence is excused by the office of the Dean of Students.

Other than calculators and computers used for note taking, the use of electronic devices (cell phones, mp3 players, iPods, etc.) is not allowed. **Do not have your cell phones on your desks during class. Absolutely no texting is allowed.**

Academic Integrity

Students have the responsibility to know and observe the requirements of the UNCC Code of Student Academic Integrity (<http://legal.uncc.edu/policies/up-407>). This code forbids cheating, fabrication or falsification of information, multiple submissions of academic work, plagiarism, abuse of academic materials, and complicity in academic dishonesty.

Calculator Policy

The only calculators allowed for use on tests, quizzes, or on the final exam are those listed on the National Council of Examiners for Engineering and Surveying (NCEES) site at <http://ncees.org/exams/calculator-policy>. These are the same calculators allowed on the FE exam.

* You may use any edition of the text. However, I will frequently refer to figures and tables in the book. If you are using an edition other than the one I'm using, it's up to you to locate the appropriate pages in the book. Homework will not be assigned from the book, but will typically be taken from old tests.