

CPE100: Digital Logic Design I

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Introduction

Course Information

- <http://www.ee.unlv.edu/~b1morris/cpe100>
- This will have the most up-to-date information about the class.
 - Weekly schedule
 - Tentative dates for exams
 - Homework assignments
- [Syllabus](#) – Full course description online

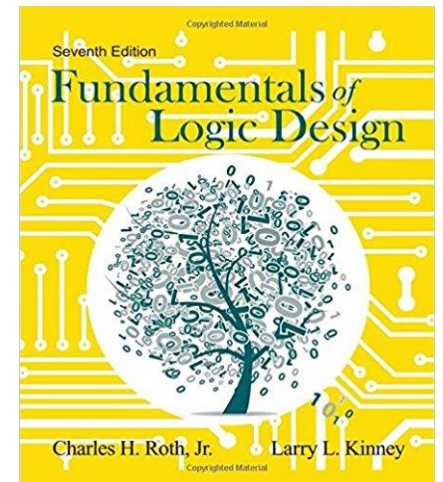
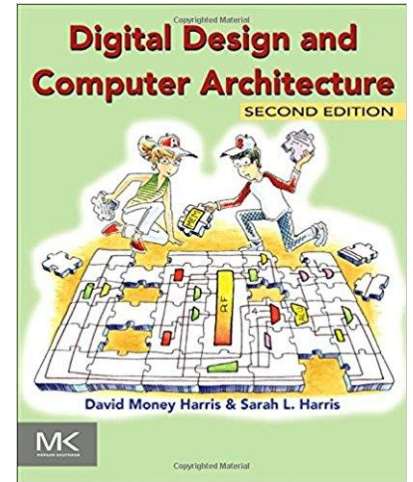
- Gradebook for tracking
- Homework submission
- Exam submission
- Will include course modules from textbook author (Dr. Harris, UNLV)
 - Be aware the class website (not WebaCampus) has definitive course info

- Dr. Brendan Morris
- Office: SEB 3216 (no in-person office hours)
- Office Hours (Virtual)
 - MW 14:30-15:45
 - Email for appointments at other times via WebEx/Google Meet
 - Best contact is email <brendan.morris@unlv.edu>
- At UNLV since 2011
- Mostly teach EE courses but research is in Computer Vision (CS area mainly)

Important Dates

- Discussion “Lecture” (Q&A)
 - MW 14:30-15:45, Virtual
- Final
 - W Dec. 9 15:10-17:10
 - Look up your final exam schedule now to determine conflicts
- Midterms (tentative)
 - 9/30, 11/11
- Note: exams will be taken at home and will not be a fixed time

- Required
 - Digital Design and Computer Architecture, Harris and Harris, 2nd Edition [\[direct link\]](#) [\[library link\]](#)
 - ISBN: 9780123944245
- Recommended
 - Fundamentals of Logic Design, Roth and Kinney, 7th Edition
 - ISBN: 9781133628477



- Midterms (2): 40%
- Final: 25%
- Homework: 25%
- Participation: 10%

- Use a typical scale

A-	0.90-0.92	A	0.93-1.00		
B-	0.80-0.82	B	0.83-0.86	B+	0.87-0.89
C-	0.70-0.72	C	0.73-0.76	C+	0.77-0.79
D-	0.60-0.62	D	0.63-0.66	D+	0.67-0.69
		F	<0.60		

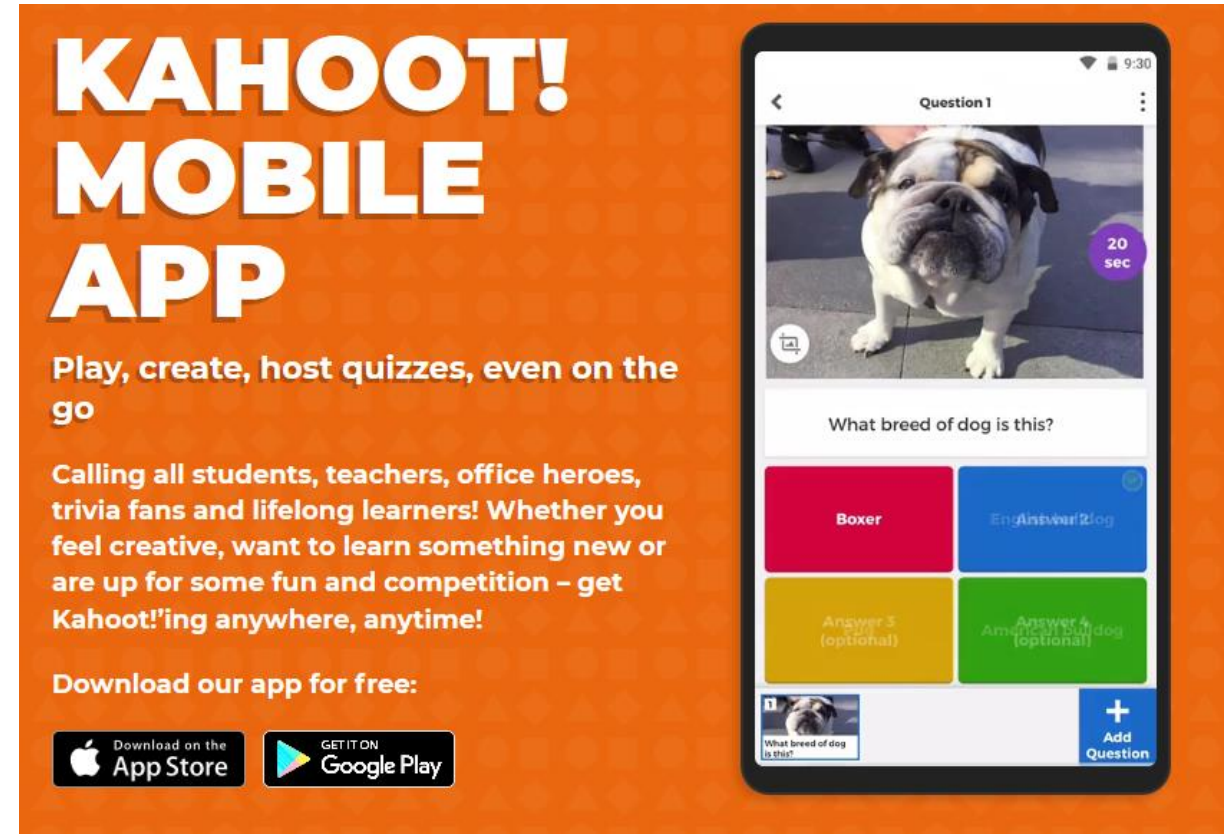
- One homework assignment a week
- Homework will include logic design software to build and test digital circuits. Students may work together in study groups but all assignments must be completed individually.
- Homework will be due as indicated on Webcampus. No late homework will be accepted unless prior notification and arrangements are made.
- Start early
 - Give yourself plenty of time to work through problems completely and get answers to questions before submission
 - Avoid technical glitches → use phone scanning app

- Exams will be comprehensive but will emphasize newer material
- Will be administered through WebCampus
 - Must scan/photo work to submit → use document scanning app
 - Must show all work in order to receive points
- Exams will be open for an entire day
 - Do not use any outside material or talk to your friends until after the exam period is closed
 - If you wouldn't do it in-person exam, you should not do it here

Participation

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- Will track progress using online framework
 - <https://kahoot.it>
 - [Download App here](#)
- Can either use web or mobile
- You do not need to sign-up
 - Must use Webcampus (ACE) account to be properly tracked
- Most likely will include daily “quizzes” on Webcampus



- My lectures will be made available through WebCampus using the [Panopto Recordings](#) navigation link
 - Will have captions and text search
 - Additional material available in [Modules](#) from Dr. Harris
- Reading the book actually helps
 - Please come prepared to class having read content
 - Ask questions during the discussion
- Workload – expectation is for about 9 hours on average per week (including “lecture” time)

- As a university student it is your responsibility to conduct yourself ethically and with integrity as described in the Academic misconduct Policy. Cheating and plagiarism will not be tolerated. Any student caught cheating will be given an F grade.

(<http://studentconduct.unlv.edu/misconduct/policy.html>)

- Please take advantage of the [Engineering Tutoring Lab](#)
 - Will have virtual tutoring sessions for CPE100 every day

A Respectful Virtual Environment

- Covid-19 poses challenges for us all, please let me know if you have any issues
- We are all in this together, let's help one another succeed together
- There are no dumb questions. Only by asking will you get your questions answered
- Everyone is in a different place, we must have a safe environment for participation
- I expect we will all interact respectfully with one another

- **Participate:** Attend discussion session and take part.
- **Practice:** Spend ample time on homework and other problems.
- **Question:** Do not be afraid to ask questions.
- **Network:** Find people taking the same courses as you and build study groups.
- **Review:** Don't just do what is asked in class.
- **Be RESPONSIBLE:** You are an adult and must be responsible for your academic career.