CMPT 110

Programming in Visual Basic

Fall, 2018

Fall, 2018

My Teaching Schedule > 2018 Fall > Simon Fraser University

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Class	Class Title	Enrolled	Days & Times	Room	Class Dates
CMPT 110-D100 (9771)	Programming in Visual Basic (Lecture)	0	Tu 2:30PM - 4:20PM	AQ3005	Sep 4, 2018-Dec 3, 2018
			Th 2:30PM - 3:20PM	AQ3005	Sep 4, 2018-Dec 3, 2018
CMPT 166-D100 (8442)	Animated Intro to Programming (Lecture)	0	MoWeFr 8:30AM - 9:20AM	SUR2600	Sep 4, 2018-Dec 3, 2018

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My Exam Schedule > 2018 Fall > Simon Fraser University

Class	Class Title	Exam Date	Exam Time	Enrolled	Exam Room
CMPT 110-D100 (9771)	Programming in Visual Basic (Lecture)	2018/12/5, Wednesday	3:30PM - 6:30PM	0	TBA
CMPT 166-D100 (8442)	Animated Intro to Programming (Lecture)	2018/12/7, Friday	3:30PM - 6:30PM	0	TBA

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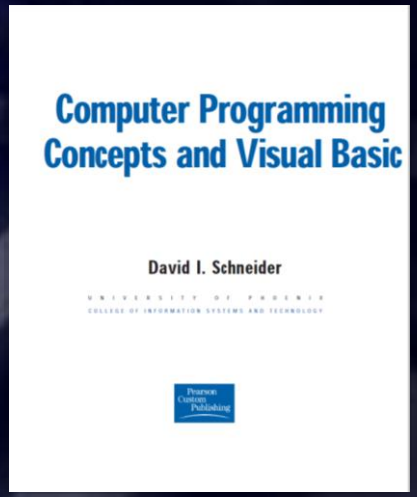
ADMINISTRATIVE

- **Instructor**: Dr. Steven Pearce
  - Theoretical astrophysicist and applied mathematician.
  - Over ten years with NASA and the Lunar and Planetary Laboratory
  - Senior Exploration Geophysicist

ADMINISTRATIVE

- **Instructor: Dr. Steven Pearce:**
- **STRONGLY RECOMMENDED TEXTBOOK:**
- **Computer Programming Concepts and Visual Basic, Schneider (1995 online).**

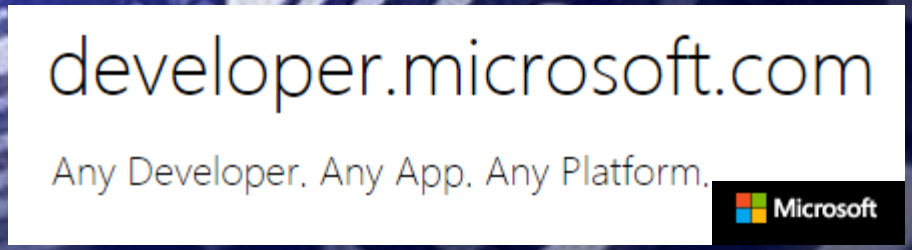


ADMINISTRATIVE

- **Instructor: Dr. Steven Pearce:**
- **STUDY GUIDE (Emailed shortly)**

ADMINISTRATIVE

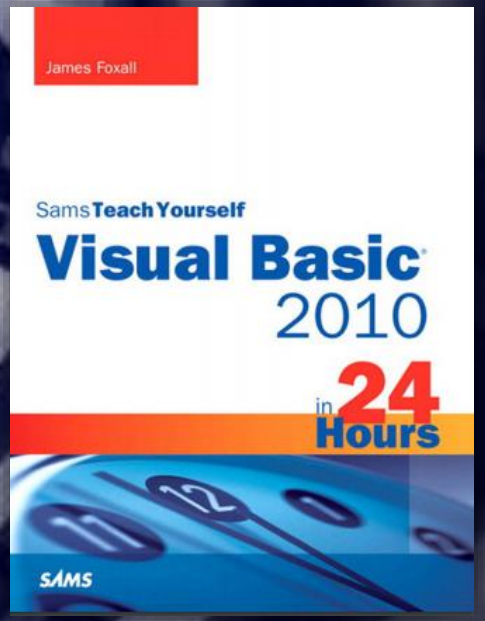
- **Instructor: Dr. Steven Pearce:**
- **References:**



https://msdn.microsoft.com/en-us/library/2x7h1hfk(v=vs.80).aspx

ADMINISTRATIVE

- **Instructor: Dr. Steven Pearce:**
- **References:**



THIS IS EXCELLENT.

ADMINISTRATIVE

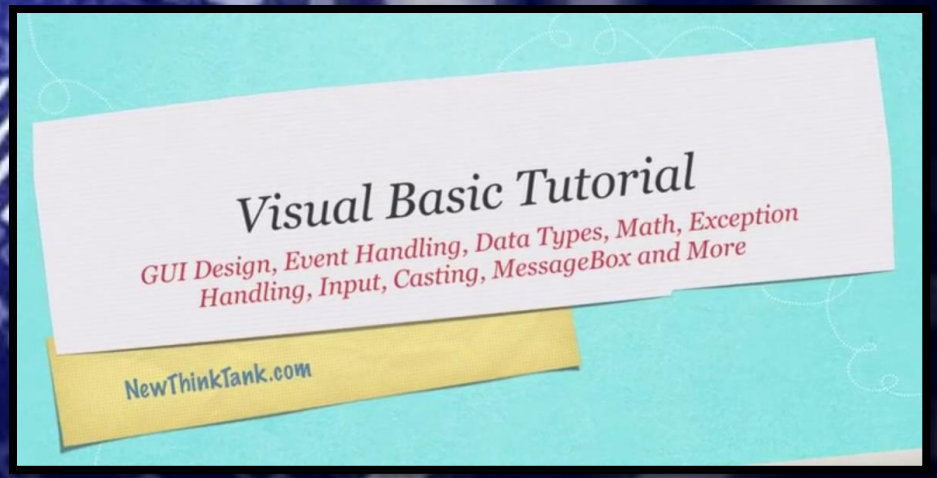
- **Instructor: Dr. Steven Pearce:**
- **References:**

https://www.tutorialspoint.com/vb.net/

Online compiler:
https://www.tutorialspoint.com/compile_vb.net_online.php

ADMINISTRATIVE

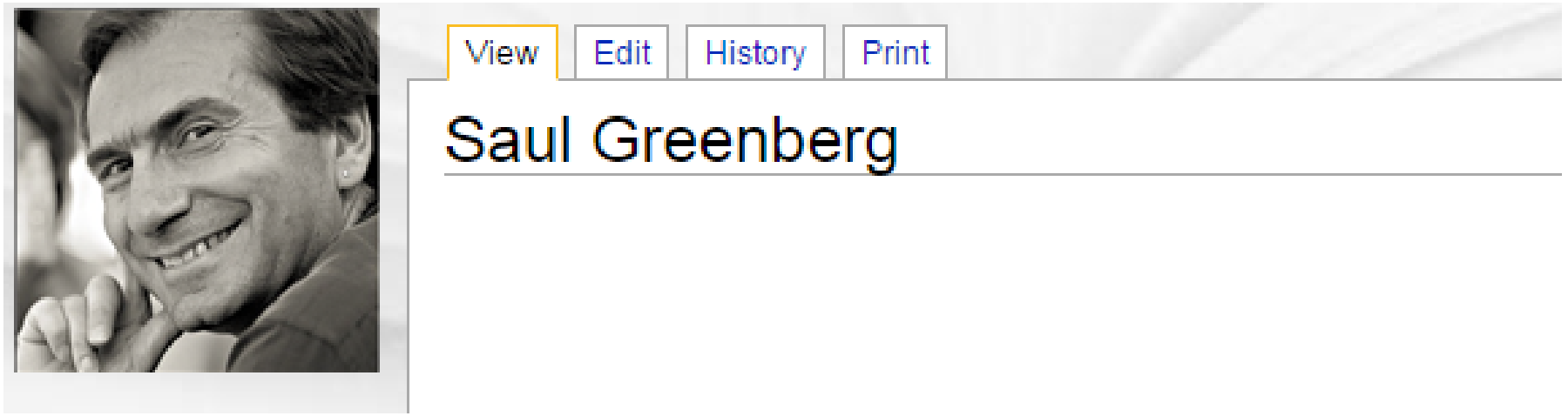
- **Instructor: Dr. Steven Pearce:**
- **References:**



https://www.youtube.com/watch?v=3FkWddODLno

ADMINISTRATIVE

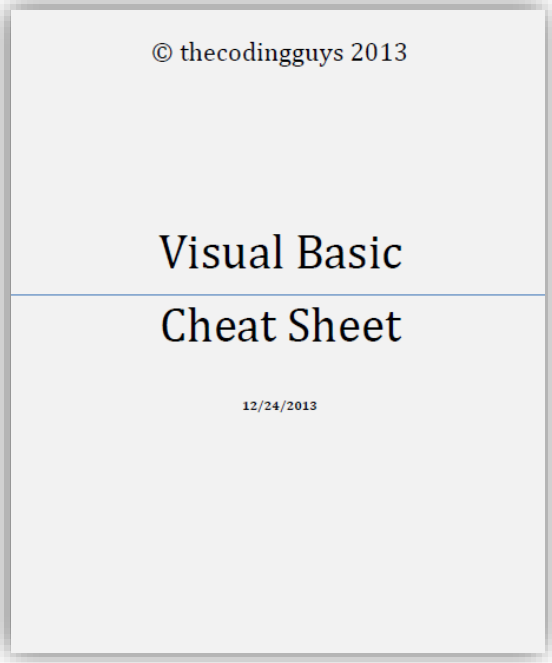
- Instructor: Dr. Steven Pearce:
- **Outstanding Reference:**



http://pages.cpsc.ucalgary.ca/~saul/vb_examples/#Tutorials

ADMINISTRATIVE

- Instructor: Dr. Steven Pearce:
- Outstanding Reference:
  - **Look to online "cheat sheets"**



From the SFU Course Outline

Calendar Objective/Description

Topics will include user interfaces, objects, event-driven programming, program design, and file and data management.

Instructor's Objectives

Introduction to programming in the event-driven paradigm using the Visual Basic language. Forms, controls, events, menus, objects; subprograms, modular design; decisions and repetition; file and data management; special features. This is an entry-level course, not a developer's seminar.

Prerequisites

BC Mathematics 12 (or equivalent) or any 100 level MATH course. Students who have obtained credit for, or are currently enrolled in a computing science course at the 200 level or higher, or ITEC 240, 241 or 242 may not take CMPT 110 for further credit except with permission of the School of Computing Science. Quantitative.

Topics

- Introduction to Computers and Visual Basic
- Problem Solving
- Fundamentals of Programming in Visual Basic
- Procedures
- Control
- Arrays
- File and Data Management
- Modules
- Special Features of Visual Basic

Tentative Syllabus

Week	Topic
1 (Sept. 4th)	Introduction to Course
2 (11th)	Introduction to Programming
3 (18th)	Programming in VB
4 (29th)	Events
5 (Oct. 2nd)	Representing and Storing Values
6 (19th)	Subprograms
7 (20th)	MIDTERM
8 (23rd)	Decisions
9 (30th)	Iteration
10 (Nov. 6th)	Arrays
11 (13th)	I/O
12 (21st)	Graphics
13 (27th)	Review

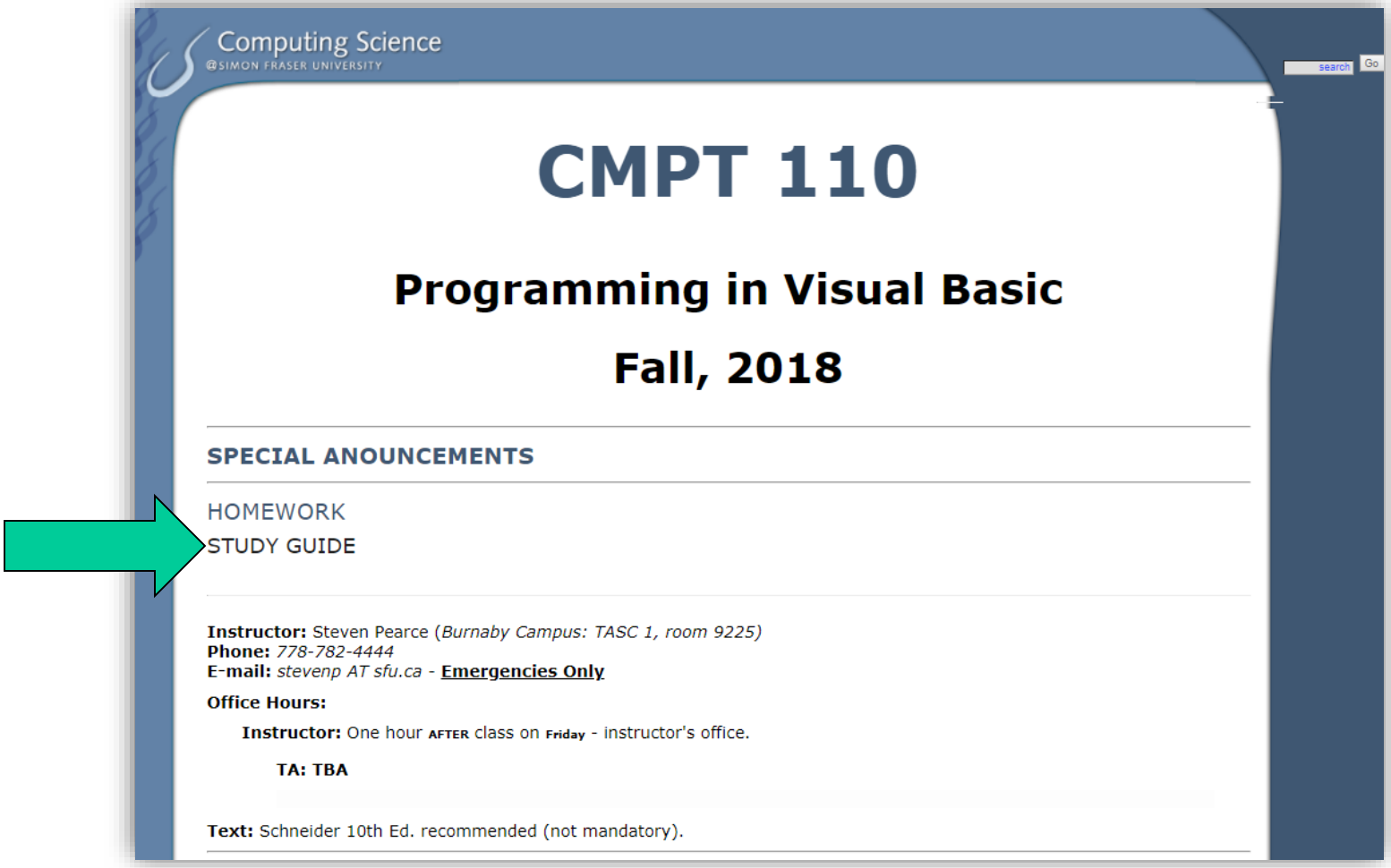
Grading

Assignments	20%
Midterm (Tuesday, October 9th)	30%
Final (Wednesday, December 5th)	50%

NOTES:

1. **Much of your grade is based on reading the Study Guide (linked at the bottom of our website).**

Course Website



https://www.cs.sfu.ca/CourseCentral/110/stevenp/

Fall Term (September-December 2018)

September 3	Labour Day All classes cancelled and offices closed
September 4	Classes start
October 4-5	Convocation
October 8	Thanksgiving Day All classes cancelled and offices closed
November 12	In lieu of Remembrance Day All classes cancelled and offices closed
December 3	Last day of classes
December 5-16	Exams

Class cancelled on Thursday, October 18th (Cybersecurity)

ADMINISTRATIVE

- All assignments must be completed and handed in for a passing grade.

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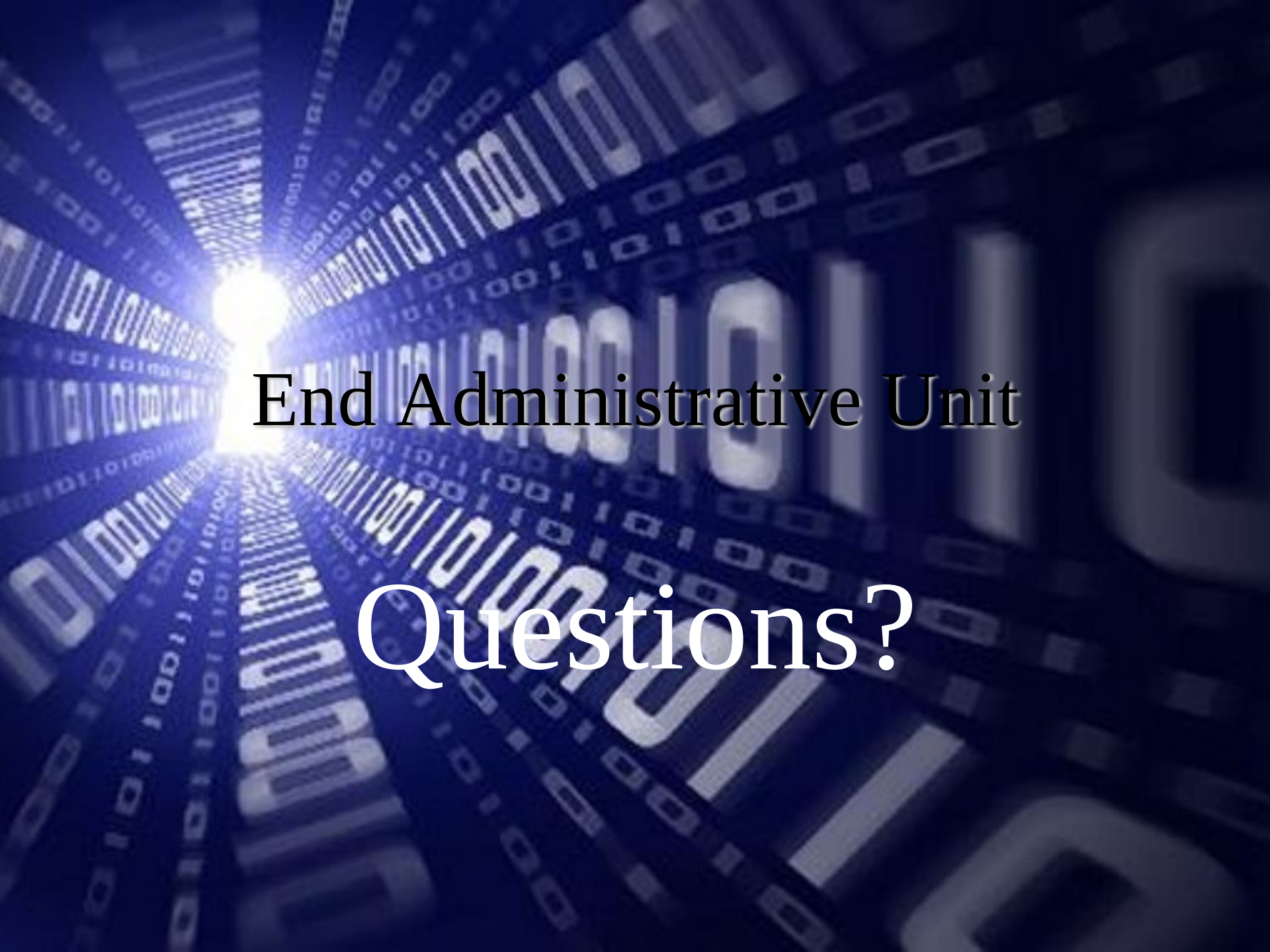
- Be aware of the fact that the first midterm date is around the last day to drop classes.
- **Plagiarism will not be tolerated.**


End Administrative Unit
Questions?