

## **CS1301 Exam 2 Topics**

### **Spring 2020**

Note: All listed book chapters are possibly included on the exam  
This document merely lists some of the most important

#### **Chapter 9 Tuples**

- · Tuples
- · Tuples are immutable
- · Creating tuples
- · Using tuples

#### **Chapter 11 Lists**

- · Lists
- · Lists are mutable
- · Appending to lists
- · Deleting from lists
- · in, not in
- · Objects
- · Aliasing
- · Cloning
- · Lists as parameters
- · List methods: sort, insert, index, reverse, remove
- · Nested Lists

#### **Chapter 12 Modules**

- · Random Module
- · Time Module
- · Math Module
- · Scope
- · Importing modules
- · Creating your own module

#### **Chapter 13**

- · reading from files
- · writing to files
- · appending to files

#### **Chapter 14 (Section 14.2 only)**

- · enumerate

#### **Chapter 19 Try..Except**

- · Catching exceptions with try...except
- · Finally

## **Chapter 20 Dictionaries**

- · Dictionaries
- · Keys
- · Values
- · Keys
- · Items
- · In, not in
- · Dictionaries are mutable
- · Aliasing vs. copying

### **Additional Material:**

- Try Except handout
- Aliases and Clones handout