

# MISY350 Exam 1 Review (2023SS)

## 1. Format:

- Closed-book, closed-notes
- 20 multiple-choice/true-false questions (40%)
- 10 short answer questions (30%)
- 1 HTML & CSS fill-in-the-blanks questions (15%)
- 1 CSS Style Programming question (15%)

## 2. Materials to be tested:

- Lecture slides and demos
- Homework assignments

## 3. Major Topics

### 1) Introduction to Computers and the Internet

- Terms: portable, client-side/server-side programming, hyperlink, web server, URI, URL, hostname, host, HTTP, DNS, GET, POST, W3C
- Differences between the GET and POST HTTP requests
- Client-side caching
- Three-tier architecture and MVC

### 2) HTML5

- Basic terms: tag, element, attribute, void element
- Basic elements: DOCTYPE, Head elements, Body elements
- Forms:
  - Input types: Text, submit, reset, password, checkbox, radio, color, email, hidden, datetime, range, tel, textarea
  - Attributes: method, action, autofocus, placeholder, autocomplete
  - Elements: input, datalist, select
- Page structure elements: header, nav, figure and figurecaption, article, section, summary and details, aside, mark, wbr

### 3) CSS

- CSS and its advantages
- Syntax: selectors and three ways of specifying CSS styles
- Conflicting style resolution
- Inline vs. block-level elements
- The box model
- CSS properties: font-weight, font-size, font-style, text-decoration, color, text-align, text-indent, absolute and relative positioning, background-image, background-position, box model (padding, border, margin), text-shadow, box-shadow
- CSS Animation using keyframes