

HTML Tables and CSS Basics

Harry J. Wang, Ph.D.

University of Delaware

Review and Sample Code

- Some review and sample code are from the follownig courses
 - <https://www.codecademy.com/learn/learn-html>
 - <https://www.codecademy.com/learn/learn-css>

HTML Tables

- The `<table>` element creates a table.
- The `<tr>` element adds rows to a table.
- To add data to a row, you can use the `<td>` element.
- Table headings clarify the meaning of data. Headings are added with the `<th>` element.
- Table data can span columns using the `colspan` attribute.
- Table data can span rows using the `rowspan` attribute.
- Tables can be split into three main sections: a head, a body, and a footer.
- A table's head is created with the `<thead>` element.
- A table's body is created with the `<tbody>` element.
- A table's footer is created with the `<tfoot>` element.

CSS Basics

- Inline Style

```
<p style="color:red;">I*</p>
```

MISY120	Intern I	I*
MISY121	Intern II	

- Link to external style sheet In table-example.html:

```
<head>
  <meta charset="utf-8">
  <title>HTML Table Example</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
```

In style.css:

```
table, th, td {
  border: 1px solid black;
}
```

In-class Exercise

- Create a new page: my-courses.html and create a table like the one on the right.
- **You need to include this new page for your personal website assignment**
- Make sure to use table header
- Border should be added using CSS
- Fall 2017 and Spring 2018 should be centered using inline style
- Make the heading text color blue in the external css file

Course Name	Course Number	Grade
Fall 2017		
MISY110	Intro to Programming	A
MISY111	Intro to Database	B
MISY120	Intern I	I*
MISY121	Intern II	
Spring 2018		
MISY200	Intro to Data Mining	A
MISY201	Intro to Visualization	B
*I means Incomplete		