Contact Information

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Course Resources

• Course Website
  – https://people.cs.umass.edu/~nscarrci/cs197wp

• OWL Assignments
  – https://owl.cs.umass.edu/
    Click Computer Science
Overview

• Covered Topics
  – HTML
  – CSS
  – JavaScript & jQuery (if time permits)

• Expectations
  – Some Java or similar programming
  – Familiarity with web browsers
Administration

- This is a 1 credit PASS/FAIL course.

- 1 Assignment, 5 check ins, 1 final grade

<table>
<thead>
<tr>
<th></th>
<th>2/2</th>
<th>2/9</th>
<th>2/16</th>
<th>2/23</th>
<th>3/2</th>
<th>3/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stu #1</td>
<td>FAIL</td>
<td>FAIL</td>
<td>FAIL</td>
<td>PASS</td>
<td>PASS</td>
<td>PASS</td>
</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>Stu #2</td>
<td>PASS</td>
<td>PASS</td>
<td>PASS</td>
<td>PASS</td>
<td>FAIL</td>
<td>FAIL</td>
</tr>
</tbody>
</table>
Schedule

• 2/2  Welcome & Separation of Concerns
• 2/9  Basic HTML
• 2/16 Basic Design & Mockups
• 2/23 Basic CSS
• 3/2  Responsive Design
• 3/9  Aesthetics & JavaScript
# Separation of Concerns

<table>
<thead>
<tr>
<th><strong>HTML</strong></th>
<th><strong>CSS</strong></th>
<th><strong>JavaScript</strong></th>
</tr>
</thead>
</table>
| • Structure  
• Content | • Layout  
• Theme  
• Aesthetics | • Functionality  
• Interactivity |

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Tab Text</title>
</head>
<body>
  Welcome
</body>
</html>
```

```css
ol {
  margin-left:1em;
}
#specific-element {
  font-weight:bold;
}
```

```javascript
$(document).ready(function()

  $('main > *:first-child').on('click',function()
    $('#slide-toggle').slideToggle();
  });

$('blueable').css('color','blue');
```
Structure & Content

1. Build an outline

2. Identify content
   1. Ask: what is this?

3. Identify structure
   1. Ask: how is the content grouped?
   2. Ask: what does each group represent?