

Introduction to Responsive Design

What This Course Will Cover

- **The BASICS**
 - **What it is and why you need to know it.**
 - **Customizing your own site**
 - **Using frameworks**

Week One

- **Focus is on theory:**
 - **What does responsive design mean?**
 - **What makes for good responsive design?**
 - **The role of fluid measurements**

Week Two

- **Media queries**
 - **What are they?**
 - **How do you plan first for best practice?**
 - **What is the relationship with break points?**
 - **How to make a navigation bar**

Week Three

- **Frameworks**
 - **Benefits/Pitfalls**
- **Bootstrap 3**
 - **Getting Started**
 - **Grid System**
 - **Navigation**

Week Four

- **More Bootstrap**
 - **Images, Tables, Advanced Navigation**
 - **Case studies**

Final Project

- **Use your coding skills to create a responsive page using multiple methods (framework and media queries)**

Who is this class for?

- **This class is for someone new to responsive design**
- **General knowledge of HTML and CSS necessary**
- **This class is for people with persistence**

Who Am I?

- **PhD in Computer Science**
- **Two decades of teaching experience**
- **Emphasis on education for those who running around classrooms while helping students debug**

Workload and Evaluation

- **Weekly videos**
 - Lecture format – watch anywhere
 - Demo format – “Code With Me” best watched while you type along
- **Weekly readings**
 - Online articles
- **Weekly assessments**
 - Quizzes
 - Coding

Succeeding in This Class

- **In a perfect world you would code with a friend...so use the message boards.**
- **Never spend more than 20 minutes on something that doesn't work. Move on.**
- **Look things up on your own!**
- **Practice, practice, practice!**

Acknowledgements/Contributions

These slides are Copyright 2015- Colleen van Lent as part of <http://www.intro-webdesign.com/> and made available under a Creative Commons Attribution NonCommercial 4.0 License. Please maintain this last slide in all copies of the document to comply with the attribution requirements of the license. If you make a change, feel free to add your name and organization to the list of contributors on this page as you republish the materials.

Initial Development: Colleen van Lent , University of Michigan School of Information

