

Business and Hospitality Division

Course Syllabus

# Course Information

* **Course**: WEB 125 – Mobile Web Design (WEB-125-D1)
* **Term**: 2018SP
* **Meeting Times**: Tuesday / Thursday 10 – 11:50
* **Prerequisites**: None
* **Co-requisites**: None
* **Course Description**:This course introduces students to web design for mobile devices. Topics include planning an effective mobile Web site, industry standard Mobile Markup Language, CSS3, multimedia, m-commerce, social media, testing and publishing. Upon completion, students should be able to plan, develop, test, and publish Web content designed for mobile devices.
* **Text(s)**: None
* **Supplies/Materials**: USB Drive – Back it up!
* **Bibliography**: NA

# Instructor Information

* **Instructor Name: Ben Goliwas**
* **Office Telephone Number: 828 398 7666**
* **Email Address:** [**BenGoliwas@abtech.edu**](mailto:BenGoliwas@abtech.edu)
* **Office Location: Balsam 205**
* **Office Hours: Mon & Wed 10 - 11:00 AM / Wed 11AM - 12PM / Tue & Thurs 12 - 1PM**

# Learning Outcomes/Objectives

1. Define the components of mobile programming
2. Examine the components of mobile interface design.
3. Produce mobile ready web pages and media.
4. Examine options for producing mobile applications

# Evaluation Criteria

Project based assignments and class discussion

# Grading System

| **Grade Letter** | **Associated Percentages** |
| --- | --- |
| A | 90-100% |
| B | 80-89% |
| C | 70-79% |
| D | 60-69% |
| F | Below 60 |

# Participation Requirements

It is mandatory that the student attend each course at least once during the first 10% of the course, or in the case of online courses, a graded activity must be submitted during the first 10% of the course. Each online course syllabus must identify the activity to be completed prior to the 10% point of the course and the date by which the activity must be completed. For hybrid courses, the student must attend the classroom portion of the course or complete an online graded activity prior to the 10% point. Failure to attend or complete the activity prior to the 10% point will result in the student being dropped from the course. The student will not be allowed to continue in the course or receive a refund.

# College Policies and Procedures

College policies and procedures may be found in the College Catalog on A-B Tech’s website at the following link: <https://www.abtech.edu/content/publications/catalog>.

The Student Rights, Responsibilities, and Due Process policies and procedures, including the Code of Classroom Conduct and Code of Student Conduct, may be found at the following link: <https://www.abtech.edu/a-b-tech-catalog/student-rights-responsibilities-and-due-process>.

# Assignment Due Date Policy

All assignments are due on the day outlined on the schedule below. Students may hand in work late one time with no point reduction. All other late work will not be assessed and receive a grade of 0.

# Course Requirements and Expectations

The goal of this course is for students to build skills as web development professionals. This course is student centered, problem based, and will require active learning on the student’s part. There will be lecture time; however, the majority of class time will be devoted to active learning experiences. The instructor will serve at the ‘guide on the side.’ Students will be encouraged and expected to work independently with the instructor as facilitator.

# Assignment Due Date Policy

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# Course Schedule

|  |  |
| --- | --- |
| Date | TOPICS |
| Tue, Aug 21 | Course Overview Development Environment |
| Thurs, Aug 23 | Review of Web Dev Basics (HTML, CSS, JS) Responsive Design / CSS GRID & Flexbox |
| Tue, Aug 28 | Optimization            Importance of page load times            Utilizing the network inspector            Image optimization            Device testing            Google Speed Test |
| Thurs, Aug 30 | AMP / PWA |
| Tue, Sep 4 | UX / Accessibility |
| Thurs, Sep 6 | APIs / JSON  **DUE: APIs / JSON** |
| Tue, Sep 11 | Prototyping Tools            Axure            Figma            XD - Adobe Experience Design |
| Thurs, Sep 13 | Design Patterns - Navigation |
| Tue, Sep 18 | Design Patterns - Charts |
| Thurs, Sep 20 | Design Patterns – Social Media |
| Tue, Sep 25 | Design Patterns - Tools |
| Thurs, Sep 27 | Material Design |
| Tue, Oct 2 | Design Patterns - Forms |
| Thurs, Oct 4 | Human Interface Guidelines |
| Tue, Oct 9 | Design Patterns – Sort Search |
| Thurs, Oct 11 | Design Basics for UWP Apps |
| Tue, Oct 16 | Design Patterns - Tables |
| Thurs, Oct 18 | Design Patterns - Tutorials |
| Tue, Oct 23 | Planning            User Profile            Scope Document            Wireframe            Interactive Comp |
| Thurs, Oct 25 | LAB - USER PROFILE, SCOPE DOCUMENT, & WIREFRAMES |
| Tue, Oct 30 | **DUE - USER PROFILE, SCOPE DOCUMENT, & WIREFRAMES** |
| Thurs, Nov 1 | Typography Part I |
| Tue, Nov 6 | Typography Part II |
| Thurs, Nov 8 | LAB – Comp |
| Tue, Nov 13 | LAB – Comp |
| Thurs, Nov 15 | **DUE** – **Comp** |
| Tue, Nov 20 | LAB TBA |
| Thurs, Nov 22 | **THANKSGIVING BREAK - NO CLASSES** |
| Tue, Nov 27 | Front end frameworks / React |
| Thurs, Nov 29 | LAB: FINAL PROJECT |
| Tue, Dec 4 | LAB: FINAL PROJECT |
| Thurs, Dec 6 | Peer Review: Final Project Progress |
| Tue, Dec 11 | **DUE: FINAL PROJECT** |
| Thurs, Dec 13 | Presentations |

***Enjoy the Semester!***