

Business and Hospitality Division

Course Syllabus

# Course Information

* **Course**: WEB-289-YD1 Internet technologies Project
* **Course Hours**: class – 1, lab – 4, credit - 3
* **Term**: 2019SP
* **Meeting Times**: T/Th 10:00 – 11:50 in HCTC-216. . This is a hybrid class. In addition to the material covered in class, you are expected to work online with the content in Moodle.
* **Prerequisites**: CTI-110, CTI-120, and CTS-115
* **Co-requisites**: none
* **Course Description**:This course provides an opportunity to complete a significant Web technologies project from the design phase through implementation with minimal instructor support. Emphasis is placed on project definition, documentation, installation, testing, presentation, and training. Upon completion, students should be able to complete the Internet project from the definition phase through implementation.
* **Text(s)**: *none*
* **Supplies/Materials**:
  + Internet access
  + Domain name and hosting account that supports PHP and MySQL with access to the web server
  + A stand-alone server such as XAMPP
  + Storage media: USB drive (2GB+ recommended)
  + Cloud storage
* **Bibliography**: NA

# Instructor Information

* **Instructor Names**: Alec Fehl and Charlie Wallin
* **Office Telephone Number:**
  + Fehl: 828-398-7881
  + Wallin: 828-398-7662
* **Email Address:** 
  + Fehl**:** [alecafehl@abtech.edu](mailto:alecafehl@abtech.edu)
  + Wallin**:** [charleskwallin@abtech.edu](mailto:charleskwallin@abtech.edu)
* **Office Location:** 
  + Fehl: Birch 111
  + Wallin: HTCT 112
* **Office Hours:** 
  + Fehl: M/W/Th: 12:00 – 12:50; T: 12:00 – 1:50
  + Wallin: T/Th: 12:00 – 2:00; W: 1:00 – 2:00

# Learning Outcomes/Objectives

* Create a fully-functional, modularized database-driven Web application using a combination of technologies including: HTML, CSS, PHP and MySQL.
* Work independently and be resourceful with minimal assistance from the instructor.
* Analyze a problem and use diagramming techniques to design a solution.
* Thoroughly document the design and implementation phases of a database-driven Web application.
* Create a robust Web application by testing the application design and code.
* Develop a Web application that is usable

# Evaluation Criteria

**Deliverables:**Refer to the Milestones and Rubric documents for details.

**Item Percentage**

Phase 0: 5%

Phase 1: 2.5%

Phase 2: 10%

Phase 3: 5%

Phase 4: 10%

Phase 5: 2.5%

Phase 6: 50%

Reviewers: 15%

Final grades are rounded to the nearest hundredth. For example, an 89.99 does not round up to an A.

# 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: [College Catalog](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: [College Catalog - Code of Classroom and Student Conduct](https://www.abtech.edu/a-b-tech-catalog/student-rights-responsibilities-and-due-process).

# Course Schedule

Available on Moodle. Note that class will not meet:

* Tues, March 6, in observance of Mid-semester Student Break
* Tues/Thurs, March 20/22, in observance of Spring Break

# Course Requirements and Expectations

## Methodology

* The overall goal of this course is for you to work independently
* You will be required to demonstrate competency at specific milestones as outlined in the Milestones documentation

## Workload and Communication

**Workload:**WEB-289 meets for 4 hours per week. At a minimum, you should expect to spend an additional 4-8 hours per week outside of class. In reality, most students spend between 12-30 hours per week on their projects. Take this responsibility seriously and make the time.

**Communication:**  
All communication in this class is made via email/Moodle. You are welcome to call or stop by your instructors’ offices. It is your responsibility to check both your A-B Tech email and Moodle ***twice*** ***daily*** during the M-F school week. At a minimum – once in the morning and once in the evening. ***Moodle does not always send out email notifications as expected, so do not rely on this! Be proactive in checking Moodle for assignment feedback rather than waiting for an email notification.***

## Assignment/Test Policy

**Tests:**  
There are no tests in this class. It is 100% project-based.

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**Assignments**:

**The schedule of graded checkpoints is defined in the Milestones documentation.**

**Late work:**

Late work is not accepted.

**File naming:**

Misnamed files/folders will result in a grade of 0 for the given checkpoint.

**Effort and Quality:**

You do not receive a grade for trying really hard. You do not receive a grade based on the number of hours you spent on an assignment. You receive a grade based on the quality of your work. You should be ‘trying really hard’ anyway. That is a given.

## Tobacco

Asheville-Buncombe Technical Community College is committed to providing students and employees with a safe and healthy environment.

**It is the policy of Asheville-Buncombe Technical Community College that tobacco use is not permitted on A-B Tech’s campuses. A-B Tech is tobacco-free.**

## Other

* Have a good attitude and come to class ready to learn! If you already know the material, complete the assignment and then actively seek more challenging aspects of the software.
* Seated classes - be on time. Seriously. Be on time!
* No eating or drinking in the classroom.
* **Turn off cell phones, pagers, watch alarms, and anything else that might beep, buzz, or make other disruptive sounds**. If you must have them on, it must be work-related or an emergency and the ringer/alarm should be set to quiet mode.
* Absolutely no form of cheating or plagiarism, electronic or otherwise, will be tolerated in any aspect of this course. A grade of “0” will be given to the assignment or test.
* Each student is responsible for adhering to the copyright restrictions pertaining to all software.
* Daily agendas, homework assignments, and other information are available online at [moodle.abtech.edu](http://moodle.abtech.edu).
* I’ve been teaching a long time. Here’s something I have noticed over the years in regards to seated classes. Students who fail to attend class regularly earn significantly lower grades at the end of the semester compared to students who come to (and stay in) class regularly. It has never mattered how bright a student was or what prior knowledge they had. If they didn't come to class, or left early, they did poorly. You need to be here every class for all of the class. If you have other obligations that may keep you from being here, you may want to consider dropping the course and rescheduling for a time when you can commit to class meetings. If you decide to drop, please do so officially in the Office of the Registrar so as not to receive a U grade at the end of the semester.