

Business and Hospitality Division

Course Syllabus

*A-B Tech reserves the right to make changes as necessary to this schedule, including possible responses to the COVID-19 crisis. A-B Tech’s COVID response information can be located on A-B Tech’s website at the following link:*  [A-B Tech COVID response information](https://abtech.edu/contact-us/coronavirus-covid-19-information). *Any changes will be communicated by the instructor prior to the implementation of the change. Please make sure to check your email and Moodle on a regular basis.*

Course Information

* Course/Section: **CSC-121-B1-Python Programming**
* Course Hours: 2 – 3 – 3
* Semester: **2023SP**
* Meeting Times: This is an online course / there are no scheduled meeting times
* Meeting Location: N/A
* Prerequisites: None
* Co-requisites: None
* Course Description *per catalog*: This course introduces computer programming using the Python programming language. Emphasis is placed on common algorithms and programming principles utilizing the standard library distributed with Python. Upon completion, students should be able to design, code, test, and debug Python language programs.
* Text(s): Python Crash Course –  
   A Hands-On Project-Based Introduction to Programming – by Eric Matthes

ISBN: 978-1-59327-928-8

* Supplies/Materials: Cloud based or USB flash storage. Back it up!

# Instructor Information

* **Instructor Name**: **Ben Goliwas**
* **Office Telephone Number: 828 398 7666**
* **Email Address: BenGoliwas@ABTech.edu**
* **Office Location: Haynes 205**
  + **Wednesday – 8:30 – 12:30 (Virtual)**
  + **Thursday – 8:30 – 9:30**
* Communication:
  + My preferred form of communication is email. If communicating by email, I will only respond to A-B Tech email addresses. I will usually respond to emails within 24 hours during the workweek.
  + If you don’t reach me within 3 days, contact the chairperson, Peter Kennedy peterukennedy@abtech.edu.

# Course Learning Outcomes/Objectives

* **Work towards proficiency in programming with Python**
* **Demonstrate an ability to plan and develop software solutions**
* **Solve technical problems without clear solutions**

# A-B Tech General Education Outcomes

Expected competencies students will develop in this course:

* Students will critically evaluate information
* Students will solve problems
* Students will effectively communicate

Additional information can be located on A-B Tech’s website at the following link: [Course Syllabus Information](https://www.abtech.edu/syllabus).

# 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. 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.

# Rights, Responsibilities, and Procedures

Information on Rights, Responsibilities, and Procedures pertaining to students can be located on A-B Tech’s website at the following link: [Course Syllabus Information](https://www.abtech.edu/syllabus).

# ADA/Accessibility

A-B Tech is committed to creating an environment that meets the needs of its diverse student body. If a student has a disability, thinks they may have a disability, or are having issues with the accessibility of course materials, the student should contact Support Services to arrange appropriate accommodations to ensure access to their education. Complete information and forms can be located at the following link: [Student Service Overview](http://www.abtech.edu/supportservices).

# Course Evaluation by Students

Students will have the opportunity to provide constructive feedback on their courses each semester at approximately the 50% completion point through an online survey. ***All responses are anonymous*** unless a student chooses to self-identify in submitted comments. Results are used to determine whether changes should be made during the second half of the course to improve the learning experience for students. Additional information can be located on A-B Tech’s website at the following link: [Course Syllabus Information](https://www.abtech.edu/syllabus).

# Course Requirements and Expectations

## Grading:

My goal is to grade work on a weekly basis. Check with me if you are worried that I have not graded your work. Please check your gradebook on a regular basis for accuracy.

## Make-up Work:

Submitting work late can happen with instructor approval – communication for this adjustment must occur BEFORE the deadline and not at the last minute.

# Course Schedule

*Any changes to the syllabus will be posted in the College’s Learning Management System prior to*

## Part I Basics

* **Week 1**  
  Setup Development Environment  
  HelloWorld.py   
  DUE: Read & Code Chapter 1 & 2
* **Week 2**  
  DUE: Read & Code Chapter 3 & 4
* **Week 3**DUE: Read & Code Chapter 5 & 6
* **Week 4**DUE: Read & Code Chapter 7 & 8
* **Week 5**DUE: Read & Code Chapter 9 & 10
* **Week 6**DUE: Read & Code Chapter 11

## Part II Projects

* **Week 7**Discussion: Choose your projects  
  DUE: Instructor Approval (Informal)
* **Week 8**LAB: WORK On Project 1
* **Week 9**LAB: WORK On Project 1
* **Week 10**PRESENT: Project 1
* **Week 11**LAB: WORK On Project 2
* **Week 12**LAB: WORK On Project 2
* **Week 13**   
  SPRING BREAK – NO CLASSES – Take a break
* **Week 14**PRESENT: Project 2
* **Week 15**  
  LAB: WORK On Project 3
* **Week 16**LAB: WORK On Project 3
* **Week 17**PRESENT: Project 3

**IMPORTANT DATES**

* **January 16** - Martin Luther King Jr. Day
* **March 7** - Professional Development for College Employees
* **April 3 – 8** - Spring Break
* **May 9** – Last Day of Classes
* **May 13** - Graduation