COURSE NAME: Introduction to Computer Programming

INTRODUCTION/COURSE DESCRIPTION: This course will give students a strong foundation of programming skills and problem-solving using the Python programming language. This course will emphasize proper programming practices, problem analysis, and logical thinking. Students will learn programming syntax and techniques that will be transferable to other programming languages. This course is an excellent option for students who are interested in engineering, coding, or information technology. No prior knowledge of programming is necessary

ESSENTIAL LEARNING OUTCOMES

1. Students will understand the control structure (flow) of computer programs.
2. Students understand the use of variables in computer programs.
3. Students understand the use of algorithms to complete tasks.
4. Students understand the process of program development

SUPPLIES/TEXTBOOK

- Notebook or paper for taking notes and doing assignment
- Folder or binder for keeping class materials
- Pen or pencil
- Computer
- Textbook is Think Python 2nd Edition. However, we will use a variety of reference materials, all of which will be listed on Canvas
- The main website we will use to program and turn in assignments will be Juicemind. I have a classroom set up that all of you will join. Students are able to write and test programs and get feedback from me.

CLASSROOM EXPECTATIONS

- Treat others with respect. This means that any name-calling or bullying will not be tolerated.

- Class starts when the bell rings. You will NOT be permitted to go to the bathroom or locker or office and use that as an excuse to be late, so do not ask. After the bell rings and class has started students may be able to use the restroom at my discretion.

- Be respectful when others, including me and your fellow students, are talking. If you want to answer a question or make a comment, raise your hand.

- You will be expected to remain in your seats and work until the bell rings. When given time to work on assignments in class, you will be expected to use that time to work.

- Adhere to the school handbook and follow school rules.

Canvas: Canvas will be used to house all of the materials online. On Canvas, you will find copies of the notes and homework, and assessment reviews/study guides.

Juicemind: Juicemind is the website used to actually turn in and receive feedback on programming assignments. Each student will make an account and join my Juicemind classroom.

Infinite Campus: All grading will be done on Infinite Campus. All grades will be updated at least once a week. If you have any questions or concerns about a grade, please contact your teacher.

GRADING SCALE
[Board Policy 505.5R]: Academic marks are recorded as letter grades, denoting the following quality of work:
- "A" is the grade of distinction and represents work of superior quality
- "B" represents work of excellent quality
- "C" represents work of average quality
- "D" represents work regarded as passable, according to the minimum requirements of the course in effort and quality
- "F" denotes failure to successfully complete the course and no academic credit is received.

All classes that students are enrolled in are figured into the GPA.

All classes (except for AP) will use the same grading scale. The grading scale is as follows:

A+ = 99-100% ↑	A = 93-98%	A- = 90-92%
B+ = 87-89%	B = 83-86%	B- = 80-82%
C+ = 77-79%	C = 73-76%	C- = 70-72%
D+ = 67-69%	D = 63-66%	D- = 60-62% F = 59% ↓

*AP courses will be weighted and use the following grading scale:

A = 4.5	A- = 4.17	B+ = 3.83
B = 3.5	B- = 3.17	C+ = 2.83
C = 2.5	C- = 2.17	D+ = 1.83
D = 1.5	D- = 1.17	

GRADING

Class grade for the semester will be based on the following elements:

Assignments, Projects, and Classroom Activities: Assignments will be listed on repl.it and Canvas. If a student knows that he or she will be gone, it is that student's responsibility to see me about assignments he or she will be missing and those assignments will be due when everyone else's assignment is due. Assignments will consist of question sets and programming tasks. After a program is graded with comments, students will have the opportunity to resubmit his or her programs with corrections within one week of the assignment being due.

Tests and quizzes: Tests and/or quizzes will be given periodically throughout the quarter.

There will be a semester test at the end of the semester worth 15% of the final grade. The regular assignments and assessments will make up the other 85%.

Grade Post Dates
Semester 1: September 24, October 24, November 25, and January 10
Semester 2: February 13, March 26, April 29, and May 30

LATE WORK

Late work will be accepted up until the end of the essential learning outcome summative assessment (end of unit), and then <u>no</u> late work will be accepted for credit. There will be no penalty for late work until the essential learning outcome summative has been completed, indicating the end of the unit.

When a student is absent from school (whether the absence is excused or unexcused) he/she will be required to make up all work that was missed during the absence. Students shall receive full credit earned for school work made up due to absences and are expected to do so in a timely manner in order to not fall behind. Similar to the late work policy, students will have until the essential learning outcome summative (end of unit) to turn in the work with no grade penalty.

RETAKE POLICY

Students are expected to aim to perform well the first time on assessments. There are times when mastery hasn't been demonstrated due to a variety of reasons. Students choosing to retake must complete the process within one week (5 school days) of receiving back the graded assessment.

If a student wishes to retake, the student must initiate communication with the teacher, complete a retake form (*a form will be created for the building*), and schedule a time to do so. This can be completed during a study hall, a time arranged with the teacher, or before/after school with a teacher of that subject area. In order to qualify for a retake, all necessary work must be turned in prior to the original assessment (i.e. homework, study guides).

Students can retake an individual assessment only one time and are allowed four (4) retakes during the semester per class. Those students enrolled in DMACC and/or AP classes will follow the course syllabus. There will not be retakes allowed on semester exams for any class.

Note: There are some projects/assignments/assessments that may not qualify for a retake. This will be at the teacher's discretion.

W.I.N.

The purpose of W.I.N. is to provide students with an opportunity for reteaching of specific concepts/skills, retaking assessments, and providing supplemental materials for the essential learning standard(s). Teachers will request students as needed, but students may also elect to go to a specific teacher during this time. Sign-up for W.I.N. takes place every day Tuesday through Friday from the beginning of 2nd period until 9:15 a.m.

ACADEMIC INTEGRITY

All student learning is based on the understanding that everyone is thoughtfully engaged in academic tasks and respectful of the work of others. Academic integrity applies to all aspects of teaching and learning. Class assignments and assessments are tools to help students learn; grades show to what degree students achieve learning goals. Therefore, all assignments and assessments for which students receive grades should result from the student's own effort and understanding.

Behaviors that violate Bondurant-Farrar's standards for academic integrity include but are not limited to:

- **Plagiarizing work:** Whether the source material is from another student, the web or any other medium, students will not appropriate source material and pass it off as their own.
- **Sharing work or unauthorized collaboration**: Students will not aid or assist other students in any way on individually assigned tasks.
- **Cheating**: All traditional forms of cheating are also unacceptable. This includes behaviors such as capturing images of tests, communicating during exams, etc.
- **Falsifying Information**: Students will not change a grade assigned by a teacher electronically or in the teacher's grade book.

First offense:

- Student will be asked to complete an alternative assignment/assessment potentially under adult supervision
- Appropriate disciplinary actions will be assigned, including but not limited to detention, in-school suspension, parent communication/meeting, or other additional measures

Second offense:

- Student will receive no credit for the assignment/assessment
- Appropriate and potentially more serious disciplinary actions will be assigned, including but not limited to detention, in-school suspension, parent communication/meeting, or other additional measures

ELECTRONIC DEVICE POLICY

Electronic devices such as cell phones, smart watches, headphones, and earbuds, not provided by the school, can cause disruption to the school environment and interfere with student learning. All electronic devices must be concealed during instructional time unless authorized by the classroom teacher

for instructional purposes. Students are expected to refrain from using their devices for non-academic purposes. Misuse of devices include but are not limited to taking photos/video in the locker room or restroom, using a device to cheat, using a device to incite violence, using a device to bully, harass, threaten, or intimidate another person including a student or staff member, to disseminate inappropriate photos/videos or other restricted materia, etc.

Bondurant-Farrar High School assumes **NO RESPONSIBILITY** for the loss or theft of any electronic devices nor is it obligated to investigate any loss or theft. If you are concerned about loss or theft, leave the device at home.

Violation of this rule can result in the following, including but not limited to: loss of school privileges, detention, in-school suspension, out-of-school suspension, application of the Good Conduct Rule penalties, or in severe cases, taken before the Board for purposes of expulsion. Depending on the severity of the misuse, local law enforcement may also be contacted.

1st Offense: Verbal warning and request to conceal device

2nd Offense: Minor referral, student places phone on teacher's desk and student will retrieve it at the end of class.

3rd Offense: Major referral (Insubordination), student will be asked to retrieve at the end of the day from the office.

4th Offense: Major referral (Insubordination), parent/guardian will be asked to pick up at the end of day from the office.

Consequences for additional offenses will be determined by building administration.