WAYLAND BAPTIST UNIVERSITY
WBUOnline
SCHOOL OF MATHEMATICS AND SCIENCES

Wayland Mission Statement: Wayland Baptist University exists to educate students in an academically challenging, learning-focused, and distinctively Christian environment for professional success and service to God and humankind.

Course Title and Number: CSCI 1305-VC01 Introduction to Computer Science

Term: Summer 2017

Name of Instructor: Dr. Scott R. Franklin, Professor of Mathematics and Dean of the School of Mathematics and Sciences

Office Phone Number and WBU Email Address: 806-291-1130 (office), 806-252-3855 (cell/text) franklins@wbu.edu

Office Hours, Building, and Location: Moody Science Building, 121 (Plainview campus), Office hours as needed during summer**.** Email or call and the instructor should respond within 24 hours.

Catalog Description: Overview of the field of computer science, including concepts of computer programming with an emphasis on problem solving, critical thinking, logical reasoning, design and implementation techniques, and testing; background material if needed such as GUI operating system use and file and directory manipulation; and ethics issues facing computer science professionals. Programming will be done with a modern language such as Python. Suitable for non-majors with significant computer experience and for majors with no prior programming experience. Other students should take COSC 2311.

Prerequisites: None

Required Textbook and Resources: Python for Everyone, Horstmann and Necaise; 2nd ed. ISBN: 9781119056553

You must have access to a computer on which you can install the necessary development software. The first week will include instructions on setting up an integrated development environment (IDE) for programming in Python.

Course Outcome Competencies: Upon completion of this course the student should be able to:
- Demonstrate grasp of basics of computer use and operation
- Demonstrate comprehension of programming and basic skill
- Understand and describe core areas of the computer science field
- Demonstrate ability to perform problem solving, critical thinking, and logical reasoning
- Understand ethics of computer use for ordinary users and professionals
- Explain the organization and use of networks, including the Internet and the World Wide Web.

Attendance Requirements: Students are expected to participate in all required instructional activities in their courses. In this course, your weekly assignments (including watching the videos, completing the homework, programming labs, and quizzes) will be the measure of attendance. Any week in which a student does not complete any work, the student will be

considered "absent". Any student absent 25% or more (i.e., non-participatory during 3 or more weeks of the term) will receive an F for the course.

Statement on Plagiarism and Academic Dishonesty: Wayland Baptist University observes a zero tolerance policy regarding academic dishonesty. Per university policy as described in the academic catalog, all cases of academic dishonesty will be reported and second offenses will result in suspension from the university.

Disability Statement: In compliance with the Americans with Disabilities Act of 1990 (ADA), it is the policy of Wayland Baptist University that no otherwise qualified person with a disability be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the university. The Coordinator of Counseling Services serves as the coordinator of students with a disability and should be contacted concerning accommodation requests at (806) 291-3765. Documentation of a disability must accompany any request for accommodations.

Course Requirements and Grading Criteria:

[More detail will be provided at the start of the term]
This course will be organized where you will submit work each week, usually before 5pm (Central) on the following Monday. Work for the course will include reading the text, watching lecture videos, submitting homework, completing programming labs, and taking a quiz. Additionally, there will be a proctored midterm and final. These may be completed at a Wayland campus, or with an approved third-party proctor, or via our online proctoring service. Proctoring services that are not at a Wayland campus may require the payment of additional fees for which the student is responsible.

Grading:

30%	**Homework**
20%	**Programming Labs**
20%	**Quizzes**
15%	**Midterm**
15%	**Final**

A: 90 – 100   B: 80 – 89   C: 70 – 79   D: 60 – 69   F: Below 60

Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course by using the student grade appeal process described in the Academic Catalog. Appeals may not be made for advanced placement examinations or course bypass examinations. Appeals are limited to the final course grade, which may be upheld, raised, or lowered at any stage of the appeal process. Any recommendation to lower a course grade must be submitted through the Executive Vice President/Provost to the Faculty Assembly Grade Appeals Committee for review and approval. The Faculty Assembly Grade Appeals Committee may instruct that the course grade be upheld, raised, or lowered to a more proper evaluation.

Tentative Schedule:

[Coming Soon – Check back in the coming weeks]

Academic Honesty: Disciplinary action for academic misconduct is the responsibility of the faculty member assigned to this course. The faculty member is charged with assessing the gravity of any case of academic dishonesty, and with giving sanctions to any student involved.

Important Dates: Last day to drop without record
                          Last day to withdraw with "W"
                          Last day to withdraw with a "WP/WF"
                          Last Class

This syllabus is only a plan. The teacher may modify the plan during the course. The requirements and grading criteria may be changed during the course if necessary.

Course Verse:
"And whatever you do or say, do it as a representative of the Lord Jesus, giving thanks through him to God the Father." Colossians 3:17 (NLT)