



SAN ANTONIO CAMPUS - MATH AND SCIENCES
Syllabus for CSCI 2365 – Object-Oriented Programming

1. 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.

2. Course: CSCI 2365 – 01, Object-Oriented Programming

3. Term: Spring 2017

4. Instructor: Dr. Paul Parker, Asst. Professor of Computer Science

5. Office Phone and Email Address: 210.826.7595 Ext 291, paul.parker@wbu.edu. **You may also contact me with Remind text messages, which go directly to my iPhone.** You may call and text me at 210-460-0499, via Google Voice; calls and texts will be forwarded from Google Voice from 9 am to 5:30 pm weekdays and 10 am to 4 pm on Saturdays, and otherwise will be silently dropped. Again, **the best ways to contact me are Remind for short messages and email for long ones, or calling me at 210-460-0499 during the day.**

6. Office Hours and Location: Wednesdays 3:30 - 5:00, Thursdays 12:00-4:00. Other hours available by appointment, including screensharing/Skype/FaceTime/etc. Note also the phone number for text messaging above.

7. Class Meeting: Wednesday 6:00-9:00 in Callaghan Tower 303 (**hybrid that meets most weeks**). Class meets the first two weeks of class, then skip a week, then every week except for one more skipped week. When in doubt, check the schedule on Blackboard, which will always be up to date. If doubt remains for some reason, check via Remind.

8. Catalog Description: Introduction to object-oriented programming. Topics include object-oriented design and analysis, classes, inheritance, polymorphic data abstraction, and user interface design principles.

9. Prerequisites: CSCI 1312.

10. Required Textbook and Resources: Objects First With Java; a Practical Introduction using BlueJ, 6th Edition, David J. Barnes, Micheal Kolling, Pearson. ISBN 978-013-447736-7.

You must have access to a computer on which you can install the Java development software, including both BlueJ (www.bluej.org) and the JDK. While we have computers in the classroom to use during class if you wish, that time will not suffice to complete the programming assignments.

11. Optional Materials: Many students will wish to bring their laptop to class and do the in-class lab work on their machine. You may do this rather than using the lab computers if you prefer. The instructor can help you install the environment.

**Syllabus from F2F class
as EXAMPLE only for VC**

12. Course Outcome Competencies:

Upon completion of this course the student should be able to:

- Understand basics of classes and inheritance
- Design and implement simple classes
- Demonstrate a basic understanding of object-oriented analysis, design and programming.
- Understand how to design software systems from an object first perspective
- Program in Java (if transferring in)

13. Attendance Requirements: All students are expected to attend all class sessions and are responsible for knowing the material covered. Any student missing more than 25% of the class will fail the class.

14. Course Requirements and Grading Criteria:

Exams - 20% each. Multiple-choice and open-ended questions for mid-term and comprehensive final. You will be expected to write code on the exams.

Weekly Quizzes - 10% of grade. Each week of class will begin with a quiz to measure student comprehension of material and encourage you to absorb your reading and weekly videos. The lowest 2 grades will be dropped; this is the provision for days you are sick or miss the quiz or whatever. There is no makeup for missed quizzes and reference materials are not allowed.

Labs - 40% of grade. Submit via Blackboard each week by Saturday night, per schedule. **10% reduction per day for late**, not accepted after Wednesday night, so you don't fall behind on the next week's material. For the labs, you may refer to your book and discuss difficulties with your classmates but may not use code from anyone nor from the Internet.

Discussion Boards - 10% of grade. Discussion boards are required each week that we cover material but do not have class.

Grading Criteria: A standard grading scale shall be used in the course: A = 90-100%, B=80-89%, C=70-79%, D=60-69%, F= <60. There is no guarantee of any rounding.

15. Tentative Schedule:

COURSE OUTLINE/CALENDAR

TENTATIVE SCHEDULE THRU APRIL 8, SEE CURRENT IN BLACKBOARD

Week	Quiz due Tues PM?	Material	Wed Class?	DB due Wed?	Lab due?
1: 2/25-3/04	Yes: Sat 3/04: Ch 1, 2	Ch 1, 2	Yes: 3/01: Intro, Ch 1, 2		Yes: 2/28: 1
2: 3/04-3/11	Yes: 3/07: 3-4	3,4	Yes: 3/08: 3, 4		Yes: 3/11: 2
3: 3/11-3/18		6 (and 7?)		Yes: 3/15	Yes: 3/18: 3
4: 3/18-3/25	Yes: 3/21: 6, 8	8	Yes: 3/22: 6, 8		Yes: 3/25: 4
5: 3/25-4/01	Yes: 3/28: 9	9	Yes: 3/29: 9, Rv		Yes: 4/01: 5
6: 4/01-4/08			Midterm		
n/a: 4/08-4/15			Spring Break		
7: 4/15-4/22	Yes: 4/18: 8, 9	8, 9	Yes: 4/19: 8,9		Yes: 4/22: 6
8: 4/22-4/29	Yes: 4/25: 10,11-11.4	10,11.1-11.4		Yes: 4/26	Yes: 4/29: 7
9: 4/29-5/06	Yes: 5/02: 11	11	Yes: 5/03: 10,11		Yes: 5/06: 8
10: 5/06-5/13	Yes: 5/09: 12	12	Yes: 5/10: 12, Rv		
11: 5/13-5/20			Yes: 5/17: Final Exam		

16. Additional important information:

Any directives concerning class will be sent to your Wayland email account or Remind. It is imperative that you monitor both throughout the semester.

There are several things you need to do each week. You should do them in this order:

1. Make sure you have completed everything from the prior week, because the material is fundamentally cumulative.
2. Do the assigned reading for this week and watch the VideoNotes and any additional videos I have posted for the week. You may find you need to watch some of the videos more than once to really understand them--that's ok, there's a lot in them.
3. Start the lab for this week. Get as far as you can on it, so that when we have class on Wednesday you will be able to ask me about any hard part you run into, or on other weeks you can email me.
4. Take the quiz (due Tuesday night), and attend class or write on discussion board if no class.
5. Be sure to get your lab turned in before Saturday night.

Each week builds on the prior week, so you need to make sure you've finished the prior week. Read the chapter first and watch the videos. Then work on the lab for the week. All of these will help you do well on the quiz.

Other information:

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.

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.