Western Kentucky University
School of Engineering and Applied Sciences
CS170 - Problem Solving and Programming
Section 700

Instructor :   Dr. Rong Yang
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Phone :   (270)745-2940
Office hours: 11:00 – 12:40 Tuesday & Thursday, and by appointment

Credit Hours: 3.0

Prerequisites: Eligibility for MATH 116

Course Description: The fundamentals of problem solving, program design, and program development techniques. A high-level programming language is used and lab experiences are included. The course may not be counted toward a computer science major or minor.

Course Objectives:
Upon successful completion of this course, students will be able to:

- Understand the fundamentals of problem solving

- Design and structure the solution to problems

- Write and understand algorithms

- Develop and understand various programming techniques

Course website: *https://wku.blackboard.com* (WKU Blackboard)
https://www.vlab.academy (vLab)

Text: Introduction to Programming *Python* https://www.vlab.academy (Please use google chrome to access the website.)

Login to wku.blackboard.com, go to "Content" folder of our course and click "vLab" link, you will be directed to vLab site. If you do not have an account with vLab, you will be asked to create an account first.

To enhance your learning experience and provide affordable access to the right course material, this course is part of an inclusive access model called First Day. You can easily access the required materials for this course at a discounted price, and benefit from single sign-on access with no codes required in Blackboard. WKU will bill you at the discounted price as a course charge for this course.

It is NOT recommended that you Opt-Out, as these materials are required to complete the course. You can choose to Opt-Out on the first day of class, but you will be responsible for

purchasing your course materials at the full retail price and access to your materials may be suspended. For more information and FAQs go to customercare.bncollege.com.

Internet Access and E-Mail: All students must obtain access to the Internet and an e-mail account (a **Western email account is required. For more information about your western email account, please visit** `https://www.wku.edu/its/accounts/email/`). If you have any questions about the course or need assistance, please contact your instructor by e-mail at any time.

Attendance Policy: This is a web-based class and students are not required to physically be in the classroom at each class meeting. However, proctored exams are expected to be done through the WKU Testing Center (http://www.wku.edu/testing/) on the scheduled days. Detailed course information will be available on the course website.

Make-up Policy: All assignments including exams and quizzes have associated due dates which will be announced through the course website. You must complete each assignment by its due date. No make-up assignments including exams and quizzes will be given unless you have a documented medical reason or emergency and prior arrangements are made with the instructor.

Grade determination: Your final grade will be determined by using the usual 90-80-70-60 scale. A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, F = 0-59%.

Assignments	50%
Midterm Exam	20%
Final Exam	30%

Cheating policy: All work handed in for credit by a student is to be the work of that student alone. It is your responsibility to not cheat and to protect your own work from being copied by others. Any deviation from this standard may result in an *F* in the course (for *EVERYONE* involved) in accordance with established University policy.

Proctoring Fees: The WKU DL Testing Centers do not charge a fee; however, the WKU remote Proctoring Network includes both proctor locations who charge for proctoring services as well as those who do not charge. Students are responsible for payment of any proctoring fees if they choose to use a proctor who charges a fee for this service. Students are also responsible for any additional fees that might be associated with the use of a particular proctoring site, such as parking fees.

Title IX Misconduct/Assault Statement

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf *and*

Discrimination and Harassment Policy (#0.2040) at https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf.

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and MUST report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.

ADA Accommodation Statement

In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, 1074. SARC can be reached by phone number at 270-745-5004 [270-745-3030 TTY] or via email at sarc.connect@wku.edu *. Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.*

The Learning Center Peer Tutoring Services
The Learning Center (TLC) provides free tutoring services that empower students to achieve academic success. Trained peer tutors are available to review course content, answer questions, and demonstrate effective study strategies. TLC offers individual appointments and group sessions (PASS) for hundreds of undergraduate courses. For more information or to make an appointment, visit www.wku.edu/tlc.