Instructor: Henry Wong
E-mail: henrycwong@mst.edu
Text: Absolute C++, Savitch, 4th or later edition (not required)
Home page: https://henrycwong.com/intro.html
Course Discord: https://discord.gg/3ZVb5y5   (highly recommend you join)
Computer Science Discord: https://discord.gg/c3E4yHN (also highly recommend you join)
Office Hours: MW 1-2pm or by appointment (most likely via Zoom)
Office: During Office Hours - CS 344
          Otherwise MWF   - ERL 306
          (If I'm not in either DM me on discord or email me)

If you all did not already know, we are required to hold in person classes, with no option for online. Hence, attendance is strongly encouraged. However, I will be posting recorded lectures online for "reference" or later use. To access these recorded lectures and to do your assignments, you will need:

- **a computer to use outside of class (presumably at home) that will accommodate the use of Zoom.**
- **a vpn on this machine**
- **a version of Putty on this machine**
- **a university gitlab account (at git-classes.mst.edu)**

The last two of these can be obtained from IT. If you need help, only ask for help from me as a last resort, as I am not IT.
Note: The content online will be exactly the same as in person.

The following is the syllabus for this course under normal circumstances. Fall '21 will not be normal. I have modified it for the times.

1. Please turn off any and all pagers, cell-phones, pacemakers (wait, keep those on), heart monitors and the like while you are in my class. It is a common courtesy to do the same while in any other class on campus. If you are a member of an emergency response team (such as an ambulance crew or rural fire-fighter), please let me know.

2. This is an in-person class, so there will be some responsibility to be attentive to the overall class. You will be responsible for all the material presented in class and otherwise designated (such as reading material). Be responsible for your own actions and/or inactions.

3. Face coverings are required in all meeting spaces on campus, this includes this class, regardless of vaccination status by everyone. Faculty, staff, students, and visitors.

4. Although I will be teaching in person, I will upload recordings via zoom and a tablet in the classroom. These will be on Canvas, either in files or the Panopto tab on Canvas.

5. Your grade in this class will be determined by your performance on tests and regularly assigned homework. Tests will be announced at least one week in advance. There will be 3 tests and a final exam. You may not make-up tests unless you have acceptable and verifiable reasons for missing class that day. Acceptable excuses include such circumstances as 'acts of God' (e.g. death in the family, being hit by a large truck on the way to class, contracting a virus during a pandemic, etc) and exclude such non-excuses as a faulty alarm clock, drinking binges, having a grand piano fall on you from a 5th floor window (this never really happens -- only in the cartoons),etc. Do not bother to ask me if you may take a test early because I won't let you -- no matter what the reason. Dates that classes are in session are well published; don't ask me if you

can miss a class.

Your final grade will be based on a straight scale (90% - 100% A; 80% - 89% B; etc.). Your tests will account for 50% of your final average, the homework/programs up to the last project will account for 40% of your final average, and the final programming project will account for 10% of your final average.

If you score below 60% on any test you need to come to my office to discuss the situation with me. Don't ignore this warning.

You will most probably learn much you didn't already know. I will expect you to really learn it. I am not going to expect you to regurgitate stock answers to stock questions. You will be asked to demonstrate solid understanding of the material, applying your new-found knowledge in many different ways.

Homework assignments will be programming problems designed to hone and test your C++ and problem-solving skills. These programs will be your primary contribution towards preparing for the exams. If you fail to submit any one of these, you will hurt yourself/grade twice. Make every effort to submit each one. You will submit these programs electronically. Electronic submission does not include email. I will be using Canvas this semester, but only for posting grades. I will show you later in class how to submit your programs. Late submission will be penalized according to the following schedule:
- First Late: 10% penalty for first 24 hours (1 day)
  - 50% penalty for second 24 hours (2 day)
  - no credit thereafter.
- Second Late: 50% penalty for the first 24 hours (1 day)
  - no credit thereafter.
6. Please understand that there are several sections of this course. Each instructor has different graders to help with the grading. Given this situation, grading of tests and programs can not possibly be the same from section to section. DO NOT compare the grading of your material with that of a student in another section.

7. I will send you messages concerning the class via canvas or email. So, check canvas regularly (at least once a day, and preferably twice).

8. I will be using the GNU compiler to compile and execute your programs after you have submitted them to me. Thus, you must make sure that your programs will compile using GNU before you submit. You may develop your programs on any platform and using any compiler, but it had better ultimately compile on the GNU. Please don't question me about any compiler other than the GNU, it is enough to keep up with. Understand that there are subtle differences between compilers, and you will be responsible for that problem if you use any compiler other than GNU.

9. **Don't cheat!** Don't even think about it. If you cheat, you will be caught, and the penalty is severe. In response to a first offense, I will give you a zero for the assignment and lower your semester grade one letter and notify your adviser and the Provost. Your second offense will get you ejected from the class.   I expect you to do your own work. This means that you should not work with another student on your programs; I want to see your work.   Do not work with others and turn in duplicates. Do not turn in work that you did not write (this includes material copied from the internet or other sources). Don't try to fool me. You are free to ask questions of others and learn from your friends, but not to copy ideas and/or code. Do not let others copy from you.

10. Be sure to seek my help if you need it. I will be glad to help if I can; you only have to ask. Check my office hours. Call for an appointment or ask me after class for an appointment. I will also be on discord, and you could email me. However, do not expect an immediate response as I have my own responsibilities besides 1570. There are LEAD session for this class. They will be posted

here, https://lead.mst.edu/schedule/, when they are posted. The student success center is also a good resource https://studentsuccess.mst.edu.

11. Note: If you have a documented disability and anticipate needing accommodations in this course, you are strongly encouraged to meet with me early in the semester. You will need to request that the Disability Services staff send a letter to me verifying your disability and specifying the accommodation you will need before I can arrange your accommodation.

12. I will do my best to address any concerns you have about the class. You simply need to ask me. My immediate supervisor is the chair of the CS dept. If there are any problems that I am unable to resolve for you relevant to this class, address your concerns to him/her. His/her office is 325 CS.

13. If you abide by the foregoing rules laid out in this document, you are much more likely, though not guaranteed, to do well in this course. You must also put forth a significant and concerted effort to complete all graded material, learn the concepts presented in the course, and earn grades on assignments and tests commensurate with "good grade" expectations. Though this is an introductory course, it should not be treated lightly.

Missouri S&T Campus and UM System Policies

Statement about Copyright, FERPA, and Use of Video

It is vitally important that our classroom environment promote the respectful exchange of ideas. This entails being sensitive to the views and beliefs expressed during discussions whether in class or online. Please obtain instructor permission before recording any class activity. It is a violation of University of Missouri policy to distribute such recordings without authorization and the permission of all who are recorded. More information is provided online.

Accessibility and Accommodations

It is the university's goal that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on a disability, please contact Student Disability Services at (573) 341-6655, sdsmst@mst.edu, visit http://dss.mst.edu/ for information.

Student Honor Code and Academic Integrity

•   All students are expected to follow the Honor Code.

•   Page 30 of the Student Academic Regulations handbook describes the student standard of conduct relative to the University of Missouri System's Collected Rules and Regulations section 200.010, and offers descriptions of academic dishonesty including cheating, plagiarism and sabotage (http://registrar.mst.edu/academicregs/index.html), any of which will be reported to the Vice Provost for Academic Support.

•   Other resources for students regarding academic integrity can be found online.

Well-Being and UCARE (https://go.mst.edu/ucare-report)

Any of us may experience strained relationships, increased anxiety, feeling down, alcohol/drug misuse, decreased motivation, challenges with housing and food insecurity, etc. When your mental well-being is negatively impacted, you may struggle academically and personally. If you feel overwhelmed or need

support, please make use of S&T's confidential mental health services at no charge. If you are concerned about a friend or would like to consult with a Care Manager, please make a UCARE referral for support and assistance.

Health and Well-Being Canvas Course. (https://umsystem.instructure.com/enroll/G3LY3G)

The Health and Well-Being Canvas Course offers the Miner Well-Being Certification Program, a semester-long certification where participants can engage with campus-wide services and initiatives and develop skills that contribute to personal well-being and student success. Students can enroll in the free course at any time.

Nondiscrimination, Equity, and Title IX

Missouri University of Science and Technology is committed to the safety and well-being of all members of its community, and to creating an environment free from discrimination and harassment.

The University does not discriminate on the basis of race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, and any other status protected by applicable state or federal law. As used in this policy, the word "sex" is also inclusive of the term "gender."

Additionally, US Federal Law Title IX states that no member of the university community shall, on the basis of sex, be excluded from participation in, or be denied benefits of, or be subjected to discrimination under any education program or activity. Violations of this law include sexual harassment, sexual assault, dating/domestic violence, and stalking.

In accordance with The Collected Rules and Regulations University of Missouri, Missouri S&T requires that all faculty and staff members report, to the Missouri S&T Equity Officer, any notice of discrimination disclosed through communication including but not limited to direct conversation, email, social media, classroom papers and homework exercises.

Missouri S&T's Equity Officer and Title IX Coordinator is Chief Diversity Officer Anitra Rivera. Contact their office at (573) 341-6038; 203 Centennial Hall) to report violations of the university's nondiscrimination polices, including Title IX. To learn more about resources and reporting options (confidential and non-confidential) available to Missouri S&T students, staff, and faculty, please visit http://titleix.mst.edu.

Classroom Egress Maps

For all in-person instruction, faculty should explain where the classroom emergency exits are located. Classroom egress maps are posted at http://designconstruction.mst.edu/floorplan/.