College of Southern Nevada
Course Syllabus
CIT133 - Sample Syllabus – Introduction to programming
The official syllabus with the official schedule of activities will be available in Canvas on the first day of class.
This syllabus should give you a good idea of the CIT course. It has textbook information and a tentative schedule of activities.

A. Course Information	CIT133 - An introduction to the C++ programming language. Topics will include C++ data types, input, output, operators, decision and looping statements, functions and classes. **Prerequisite:** IS 115 or Instructor approval.
B. Course meeting time/days/location	**1001**
C. Instructor Information	Name: Naser E. Heravi Phone: (702) 651-3148 Google Voice number (talk & text) 702-763-1940 Email: Canvas Learning system – Alternate: naser.heravi@csn.edu Web site: http://bellagio.csn.edu/~nheravi/courses/ Office Mailbox code: HNC201
D. Learning Outcomes	By the end of this course, a student will be able to: 1. Solve programming problems using the fundamental syntax and semantics of the language. 2. Create programs that include modularization and appropriate looping, decision and data structures. 3. Use generally accepted principles of good programming style and documentation. 4. Create programs that include files for input and output.
E. Textbook	C++ Programming: From Problem Analysis to Program Design – By D. S. Malik – 8th Edition ISBN: 9781337102087 **NOTE: If you have the 7th edition of the book, it will be OK to use it instead of buying the new edition. If you purchase the earlier edition, let me know, so I can provide additional notes when I assign exercises from the 7th edition of the textbook.** For student resources, go to: http://www.cengagebrain.com and search for the above ISBN number. Click on the Free materials tab and see what you can access. **A reference**: (The reference IS NOT mandatory, it is only a reference

	that can be used in addition to other references) http://www.cplusplus.com/doc/tutorial/ " Safari Tech Books" offer many other books on C++ (see my note later in this document on using the free library resources)
F. Late Work policy	I do not accept late assignments, nor do I provide makeup assignments. You are responsible for your own Internet connection when working remotely. Work ahead if you know you are going to have conflicts or time constraints. Please schedule yourself accordingly. There are NO MAKEUP exams or quizzes.
G. Method of Evaluation	Grades are based on exams and projects assigned throughout the semester. All assignments will be submitted via the Canvas assignment dropbox. Detailed instructions will be provided in the text of the requirements for each of the assignments**.** If the Canvas email system fails and you must use a different system to submit your assignments, send your assignment files to my alternate email address. All exams are delivered through the Canvas system. All exams will have strict time limits and detailed information will be provided at least a week before the date of the exam.
H. Grade determination	Your grade is based 2 exams, in-class labs, and programming assignments. Midterm Exam - 20% Final Exam - 20% In-class labs – 10% Assignments - 50% All exams are taken in class. All exams may include True/False, Multiple-choice, short answers, and essay type questions. Full details will be provided a week before the start of an exam. The following is how letter grades are assigned based on total percentages of assignments and exams.

100 - 94	A		74 - < 77	C
90 - < 94	A-		70 - < 74	C-
87 - < 90	B+		67 - < 70	D+
84 - < 87	B		64 - < 67	D
80 - < 84	B-		60 - < 64	D-
77 - < 80	C+		< 60	F

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| **I. Attendance Policy** | College assumes maturity, seriousness of purpose, and self-discipline for meeting the responsibilities associated with each course. If you will need the instructor to sign documents testifying about your attendance, **YOU** must come to the instructor after each class you attend to let her know you were there. Class participation is a strong aspect of this |

	course and your participation is always encouraged.
J. Academic Integrity	CSN demands a high level of academic behavior. Acts of academic dishonesty including plagiarism and cheating are regarded as very serious offenses. **Cheating will not be tolerated. If any duplicated work is submitted, all parties will receive 0 points for the assignment. On a second offense, the student will receive a grade of F for the course and may be subject to expulsion from school. You SHOULD NOT attempt to pay anyone to complete your work. You SHOULD NOT consult any web sites that provide answers to assignments. This is a serious offense leading to immediate expulsion from the course and possibly from the college.** Scholastic dishonesty will not be tolerated. You are expected to have read and understood the CSN Academic Integrity Policy may be found at: http://archive.csn.edu/sites/default/files/u12821/academic-integrity-policy.pdf
K. Disability Resource Center	If you have a documented disability that may require assistance, you will need to contact the Disability Resource Center (DRC) for coordination of your academic accommodations. The DRC is located in Student Services on each major campus. More information about the CSN DRC please visit: https://www.csn.edu/drc For more CSN Americans with Disabilities Act (ADA) information please visit: https://www.csn.edu/ada
L. Disclaimer	This syllabus is subject to change with advance notice. Notices will be posted in the online forum. It is your responsibility to stay informed.
M. Tentative schedule	Please look at the end of this document for the tentative course schedule of activities.
N. Student Rights & Responsibilities	It is your responsibility to be aware of your rights and responsibilities. This information is located in the General Catalog and Student Handbook, which can be found on the CSN Catalog/Schedule/Calendar web page: https://www.csn.edu/sites/default/files/u2241/studentrightsrespsection.pdf
O. College Library Services	The Library offers a wealth of resources to help you with your research projects. There are libraries at each of the main campuses and an extensive collection of resources available from the Library's Homepage: library.csn.edu A note from your library: The library holds many workshops such as "College Library Services offers ongoing research workshops throughout the semester. Bring your topic or assignment to one of The workshops on the basics of locating and citing quality information and receive in depth assistance with a librarian. Check out the schedule at http://csn.libcal.com/calendar/events/ or call 651-5729 for more information."
P. References	Safari Tech Books available through the library offer an excellent

	source of supplemental resources that you may use for this course. To find Safari Books Online, go to the library's web site at: library.csn.edu Click the Browse Databases button. In the A-Z Databases page that appears, click S to filter. The link to **Safari Books Online** should be at or near the top of the list.
Q. Required extra- or co-curricular activities	All activities are based on projects and exams assigned throughout the course. Any required extra activities will be clearly explained in class.
R. Safety	This class does not have an experiment lab and therefore we will not be concerned about following specific safety strategies.
S. Additional fees	There are no additional fees for this course.
T. Additional Information	
CSN Student email	All students enrolled at CSN have a CSN Student Email account. Beginning February 1, 2020, all information from the college will be sent to your CSN-issued student email address (enrollment information, financial aid information, cashier information, college events, etc.). **It is extremely important that you check your student email daily.** You can access your student email through GoCSN (go.csn.edu). Once you validate your student email address you will have access to Microsoft Office 365 for up to five devices and 1TB of OneDrive storage. www.csn.edu/email
Important Note	If you have any concerns about this course and/or me, please contact me first. If I cannot resolve your issue, please contact Arlene Menezes in the CIT Department Office at 702-651-5976. You will be directed to the appropriate Program Director or the Department Chair. You will remain anonymous, if possible, and all communications will be strictly confidential. Please **DO NOT** wait until the last minute to make your concerns known to me and/or to the CIT Department.
Software requirements	The Canvas Learning Management system can be run on most popular web browsers such as Internet Explorer, FireFox, Safari, etc. Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser. Recommended Compilers (You may use ANY compiler that compiles C++ source code): 1. Embarcadero C++ Compiler 5.5 available from: https://downloads.embarcadero.com/free/c_builder 2. Dev C++: http://www.bloodshed.net/devcpp.html 3. Microsoft Visual Studio: http://www.microsoft.com/visualstudio/en-us/products/2010-editions/visual-cpp-express 4. You can also use our Linux server to write/compile/run your code. Instructions will be provided on accessing this system on the first day of class.

	Printing @ CSN: Printing in CSN classrooms, computer labs and libraries falls under the new Print Wise initiative, designed to help save natural and fiscal resources. Print Wise provides each CSN student with a $10 credit toward printing at the start of each semester, which will provide for up to 200 black and white copies at 5¢ a page, or 40 color copies at 25¢ a page. After that, you may put money into your account online or at the CSN Cashier's Office to purchase additional prints at the same rate. It is **your responsibility** to maintain your printing accounts to cover printing expenses during each semester.
Advising & Coaching Services:	Advisor/Success Coaches help students assess academic strengths and limitations, learn academic success strategies, explore careers, declare a major, navigate the educational system, access campus and community resources, and connect to campus life. The department also manages the CSN Faculty E-Alert System assisting instructional staff by working with students on strategies and interventions that lead to successful course completion. Charleston Campus Bldg. D – Student Services Area 651-7367 North Las Vegas Campus 1100 Student Services Area 651-2626 Henderson Campus Bldg. B – Room 120 651-3103
Counseling	Academic Counseling: If you are a new student or have not declared your major, you will meet with a CSN success coach for all your advising needs, including course planning and career exploration services. Success coaches are located in student services areas and their contact information is available at https://www.csn.edu/advising Students with DECLARED majors go to https://www.csn.edu/academic-counseling for instructions for scheduling an appointment with an academic counselor.
Additional Notes	**My responsibilities:** 1. I will reply to your e-mail messages within one day. Replying to phone calls may take at most two days. 2. I will make sure to accommodate all your learning needs and will answer your questions in a timely manner. 3. I will try my best to resolve any issues. 4. I will return feedback and your grade on assignments within one week of the due date. **Your responsibilities:** 1. Stay active in classroom discussions and activities. Let me know if you find any discrepancies in the syllabus, course material, or activity due dates, as soon as possible. 2. Watch the deadlines for exams and ask questions. 3. Do the best you can in the class and don't hesitate to ask for help. 4. You will review my feedback on your assignments and will let me know of any questions or concerns as soon as possible.
Withdrawal Policy	**IMPORTANT – I will NOT grant a W (withdrawal) once the**

- IMPORTANT DATES	**official college deadline has passed. Please DO NOT ASK! Look at the section "Withdrawal Policy – IMPORTANT DATES for more information.**
CLASS POLICIES	All exams will be administered through the Canvas system. In-class section () – **You will take your exam in class during the regular class hours.** All course material is available online in Canvas. While the design of this course allows flexibility in your scheduling, please realize that the deadlines are just as strict as any other course. You should check the calendar and discussion postings daily and allocate your time accordingly to complete the readings and to be prepared for the exams. Due dates will be strictly adhered to. You will use the mail and discussion features of Canvas to contact me or ask questions. **A note on the online environment:** To stay on task, I release chapter material and assignments on a timely basis. Exams can only be taken during the scheduled period. If you like to get material earlier than the rest of the class, send me an e-mail message and I will give you access to the material. The links to assignments and exams will disappear after their respective due dates. Some students have complained that some links disappear from time to time. This is most likely due to system issues or incommutability with your web browser. Please send an e-mail message informing me about any links that have disappeared from your view. Online sections offer flexibility where you need to manage your time to achieve success. I will assign programming projects that will be graded and you will have to take exams by specified due dates. **It is extremely simple to ignore due dates and fall behind which I hope we can seriously avoid!** This is a single person class; meaning that you must turn in your own work. You are not allowed to collaborate or consult with anyone else while working on an exam. You are not allowed to collaborate on completing assignments. You should not be looking at each other's code for assignments. You can freely discuss items in the general sense. Cheating in any form will not be tolerated. Finally, Internet access is your responsibility. This class can be accessed from any computer with Internet access anywhere in the world. Therefore, excuses such as "My computer is not working" or "My provider was down" are not acceptable. If you find yourself in a real jam, you may drive to any CSN site and use one of the computers in the CSN open computer labs. Of course, if there is a computer problem originating from CSN, then I will take corrective action. But in all other instances, it is your responsibility to ensure your own Internet access.
Software Lab	The **software lab** may be available. See announcements in Canvas on the first day of class.

Centers for Academic Success (CAS)	Centers for Academic Success (CAS) provides quality DROP-IN academic assistance to all students enrolled in for-credit courses at CSN. Tutors are available for most general education courses and historically challenging courses. Academic learning support includes assistance with learning strategies, Canvas, Smarthinking online tutoring, Microsoft Office, reading, writing, oral presentations, math, and science. CAS tutors also provide support to study groups and assistance for placement test preparation in reading, writing, and math. CAS is open Monday through Sunday to be more accessible to all students. Hours for all locations are: Monday – Thursday 9:00 am to 6:00 pm and Friday – Sunday 11:00 am to 4:00 pm. You may visit www.csn.edu/centers-academic-success for more details on locations and hours. You may also contact us at one of our offices: Charleston Centers (7020-651-5732), North Las Vegas Learning Commons (702-651-4232), Henderson Learning Commons (702-651-3125).
EXCESS CREDIT FEE INFORMATION	Please visit https://www.csn.edu/excess-credit-information for information about the excess credit fee applied in certain circumstances.
TITLE IX Resources	More information is available at https://www.csn.edu/institutional-equity
U. Objectionable materials	This class may use a discussion forum. Please refrain from posting any objectionable or private information in these forums. If such information is posted, I will try to immediately delete your post. Failure to comply with this policy may also lead to dismissal from the class and referral to college administration for further actions.

We will have assignments due on a regular basis. The due date for each assignment will be announced in Canvas and all assignments are delivered and submitted through Canvas. You must be diligent in checking due dates for assignments.

Additional NOTES:
Exams can only be taken online during the specified dates.

Midterm Exam - 20%
Final Exam - 20%
In-class labs – 10%
Assignments - 50%

Here is a formula for how your final grade is calculated:
(The average of homework assignments * .5 + The average of lab assignments * .1 + Midterm exam * 0.2 + Final Exam * .20)

So, if Joe's average on homework assignments is 80, his lab work grade average is 75, he earns 75 points on the midterm exam, and 80 points on his final exam, what is his total score? What is his overall course grade?

Answer: (80 * .5 + 75*.1 + 75*.2 + 80*.2) = 78.5

Letter grade: C+
The CANVAS system's grade book will allow you to track your grade for each item.

A tentative schedule of activities -- The following outlines the list of topics we cover in this course. Exam dates will be available in Canvas on the first day of class.

TOPICS
Chapter 1 - An Overview of Computers & Programming Languages Problem solving – Algorithms
Chapter 2 - Basic Elements of C++
Chapter 2 - Basic Elements of C++ Chapter 3 - Input/Output
Chapter 3 - Input/Output
Chapter 4 - Control Structures I - [Selection]
Chapter 4 - Control Structures I - [Selection] Chapter 5 - Control Structures II - [Repetition]
Chapter 5 - Control Structures II - [Repetition]
Chapter 6 - User-Defined Functions
Chapter 6 - User-Defined Functions Chapter 7 – User-defined simple data types, Namespaces, and the string Type
Chapter 7 – User-defined simple data types, Namespaces, and the string Type Chapter 8 - Arrays & Strings
Chapter 8 - Arrays & Strings
Chapter 8 - Arrays & Strings
Chapter 9 - Records (Structs)
Chapter 9 - Records (Structs)
Chapter 10 - Classes & Data Abstraction **Chapter 10 will NOT be covered in the final exam**