



SAINT LOUIS UNIVERSITY

1818 ADVANCED COLLEGE CREDIT PROGRAM

<http://www.slu.edu/1818>

CSCI 1010 – Introduction to Computer Science: Principles – 3 credit hours

<<High School Name>>

<<High School Course Name and Number>>

Course Syllabus

Semester:

<<TERM and YEAR>>

Instructor:

<<Instructor Name>>

Contact Information:

<<Office Address>>

<<E-mail Address>>

<<Phone>>

<<Availability/Office Hours>>

Textbook(s)/Resources:

<<<<**REQUIRED**. Insert here. Note- a textbook is not required for CSCI 1010, but if no textbook is used, please note that here.>>>>

Course Description:

SLU Course Description

CSCI 1010 – Introduction to Computer Science: Principles

Credit(s): 3 Credits

A broad survey of the computer science discipline, focusing on the computer's role in representing, storing manipulating, organizing and communicating information. Topics include hardware, software, algorithms, operating systems, networks.

Additional Description

<<**OPTIONAL**. Insert HS course description info/additional descriptive info>>

Course Learning Outcomes:

SLU Course Learning Outcomes:

After completing this course, students should be able to:

1. Answer questions about the low-level digital representation of, and the limits of representation of, at least one of the following: integer numbers, characters and text data, colors and images, sound and audio
2. Manually simulate programs containing for-loops, while-loops, if-statements, and other control structures and statements
3. Use functions to appropriately encapsulate and structure programs
4. Implement a simple computer program that satisfies a set of requirements
5. Test a program thoroughly for functional correctness

Additional [HIGH SCHOOL NAME HERE] Learning Outcomes:

<<**OPTIONAL**: insert any high school, district, state or instructor developed outcomes here>>

Attendance Policy:

<<**REQUIRED**: Please list the attendance policy for the class and any negative consequences for lack of attendance (ie. automatic failure, grade reduction, etc) and late work. NOTE: we recommend when discussing attendance to not delineate between excused or unexcused just define it as absences>>

Method for Determining Final Grade for Course:

<<**REQUIRED**: insert here (i.e. Tests 200 points (15%), Quizzes 400 points (30%), etc.). NOTE: Computer Science best practice suggests that practical programming projects need to be a significant portion of the overall course grade- at SLU this is typically 30-50% of the overall course grade. >>

Course Grading Scale:

<<**REQUIRED**: insert here>>

SLU Grading Information/Scale:

<<**REQUIRED**: Saint Louis University's undergraduate grading system follows a 0 - 4.000 grade point scale and you are required to assign one of the following grades at the end of the course. You are allowed to use your own system for assigning grades at the high-school level, however, the instructor should outline how the SLU grade will be determined at the end of the course (ie: x # of points constitute an "A"). Possible grades are assigned to the SLU transcript as follows: >>

Grade	Grade Points	Interpretation
A	4.000	High achievement and intellectual initiative



A-	3.700	
B+	3.300	Above average, approaching high achievement
B	3.000	Above average achievement
B-	2.700	
C+	2.300	Midway between B and C
C	2.000	Average achievement
C-	1.700	
D	1.000	Inferior but passing achievement
F	0	Failure

Note on SLU Undergraduate Cumulative GPA:

The grades earned through the 1818 Advanced College Credit Program are Saint Louis University grades and will be part of each student's permanent undergraduate SLU academic record and transcript.

Significant Learning Activities / Evaluation Strategies and Approximate Deadlines and/or Calendar:

<<**REQUIRED:** Please note: Calendars for the course may best be added to the end of the syllabus and this section be a broad overview of topics that will be studied. ***If the calendar is at the end of the syllabus, please add a note to refer to the end of the document.*** Calendar dates do not need to be specific, but may be outlined as week by week or section by section.>>

Information Essential to Student Success in SLU Courses:

Academic Integrity Syllabus Statement

Academic integrity is honest, truthful, and responsible conduct in all academic endeavors. The mission of Saint Louis University is "the pursuit of truth for the greater glory of God and for the service of humanity." Accordingly, all acts of falsehood demean and compromise the corporate endeavors of teaching, research, health care, and community service through which SLU fulfills its mission. The University strives to prepare students for lives of personal and professional integrity, and therefore regards all breaches of academic integrity as matters of serious concern. The full University-level Academic Integrity Policy can be found on the Provost's Office website at: <https://www.slu.edu/provost/policies/academic-and-course/academic-integrity-policy.pdf>. Additionally, each SLU College, School, and Center has its own academic integrity policies, available on their respective websites.

Students participating in the 1818 Advanced College Credit Program are held to and should be familiar with the 1818 Program Academic Integrity Policy, which is an extension of SLU's academic policies. Students may consult the Handbook here: [1818-student-handbook.pdf \(slu.edu\)](https://www.slu.edu/1818-student-handbook.pdf)

<<**OPTIONAL:** Insert High School Academic Integrity Policy here.>>

SLU Disability Accommodations

<<**REQUIRED:** Note- the following statement is required verbatim by university policy and may not be modified.>>

Students with a documented disability who wish to request academic accommodations must formally register their disability with the University. Once successfully registered, students also must notify their course instructor that they wish to use their approved accommodations in the course.

Please contact the Center for Accessibility and Disability Resources (CADR) to schedule an appointment to discuss accommodation requests and eligibility requirements. Most students on the St. Louis campus will contact CADR, located in the Student Success Center and available by email at accessibility_disability@slu.edu or by phone at 314.977.3484. Once approved, information about a student's eligibility for academic accommodations will be shared with course instructors by email from CADR and within the instructor's official course roster. Students who do not have a documented disability but who think they may have one are also encouraged to contact CADR. Confidentiality will be observed in all inquiries.

Title IX Statement

<<**REQUIRED:** Note- the following statement is required verbatim by university policy and may not be modified..>>

Saint Louis University and its faculty are committed to supporting our students and seeking an environment that is free of bias, discrimination, and harassment. If you have encountered any form of sexual harassment, including sexual assault, stalking, domestic or dating violence, we encourage you to report this to the University. If you speak with a faculty member about an incident that involves a Title IX matter, **that faculty member must notify SLU's Title IX Coordinator that you shared an experience relating to Title IX.** This is true even if you ask the faculty member not to disclose the incident. The Title IX Coordinator will then be available to assist you in understanding all of your options and in connecting you with all possible resources on and off campus.

Anna Kratky is the Title IX Coordinator at Saint Louis University (DuBourg Hall, room 36; anna.kratky@slu.edu; 314-977-3886). If you wish to speak with a confidential source, you may contact the counselors at the University Counseling Center at 314-977-TALK or make an anonymous report through SLU's Integrity Hotline by calling 1-877-525-5669 or online at <http://www.lighthouse-services.com/slu>. To view SLU's policies, and for resources, please visit the following web addresses:
<https://www.slu.edu/about/safety/sexual-assault-resources/index.php>.



SLU Student Success Center:

<<**OPTIONAL:** Success center statement:>>

In recognition that people learn in a variety of ways and that learning is influenced by multiple factors (e.g., prior experience, study skills, learning disability), resources to support student success are available on campus. The [Student Success Center](#), a one-stop shop, which assists students with academic and career related services, is located in the Busch Student Center (Suite, 331) and the School of Nursing (Suite, 114). Students who think they might benefit from these resources can find out more about:

- Course-level support (e.g., faculty member, departmental resources, etc.) by asking your course instructor.
- University-level support (e.g., tutoring services, university writing services, disability services, academic coaching, career services, and/or facets of curriculum planning) by visiting the Student Success Center or by going to www.slu.edu/success.

University Writing Services Syllabus Statement

<<**OPTIONAL:** Writing center statement:>>

Students are encouraged to take advantage of University Writing Services in the Student Success Center; getting feedback benefits writers at all skill levels. Trained writing consultants can help with writing projects, multimedia projects, and oral presentations. University Writing Services offers one-on-one consultations that address everything from brainstorming and developing ideas to crafting strong sentences and documenting sources. For more information, visit <https://www.slu.edu/life-at-slu/student-success-center/> or call the Student Success Center at 314-977-3484.

University Counseling Center Syllabus Statement

<<**OPTIONAL:** Counseling center statement:>>

The University Counseling Center (UCC) offers free, short-term, solution-focused counseling to Saint Louis University undergraduate and graduate students. UCC counselors are highly trained clinicians who can assist with a variety of issues, such as adjustment to college life, troubling changes in mood, and chronic psychological conditions. To make an appointment, call 314-977-8255 (TALK), or visit the clinic on the second floor of Wuller Hall.

Saint Louis University Accreditation:

<<**OPTIONAL:** Saint Louis University Accreditation:>>

As an institution, Saint Louis University is fully accredited by the [Higher Learning Commission \(HLC\)](#). SLU has been continuously accredited since 1916.

Saint Louis University Academic Calendar Link

<<**REQUIRED:** <https://www.slu.edu/registrar/calendars/1818-calendar.php> (We recommend you also post this link to your classroom management site)>>



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For a complete list of registration dates, including the last day to add, drop, or withdraw from a course, please see: <https://www.slu.edu/registrar/calendars/1818-calendar.php>