LAS POSITAS COLLEGE

Directions for the Request for a Course Substitution of an Associate Degree (AA/AS) or Certificate Requirement Form

Purpose of the Form

This form is for requesting a course substitution of a course listed as a program requirement in the college catalog for an Associate Degree (AS/AS), Certificate of Achievement, or Certificate of Accomplishment.

1. If you are requesting a course substitution for an Associate Degree for Transfer, please use the Request for a Course Substitution for an Associate Degree for Transfer(AA-T/AS-T) form.
2. This form **cannot be used for** requesting a course to satisfy a **General Education requirement**. Determination of General Education applicability is conducted through the incoming transcript request process or during evaluation of a graduation request.
3. The course used for the substitution must be:
    a. **From a regionally accredited institution.**
    b. **Lower division.**
    c. **Completed and transcripted.**
4. If approved, a student may be required to substitute elective course(s) to obtain the total units required for the program.

Filling Out the Form

1. Fill out one form per course substitution.
2. Fill out the **Student Information** section with your most up to date contact information.
3. Fill out the title of the **Program/Major** and select the type of program.
4. Fill out the **I wish to substitute the following course** section with information for the Las Positas College course you wish to be substituted with another course. The semester/year is for the academic year of the catalog with the programatic course sequence you are following (e.g. the catalog for the year you started or restarted).
5. Fill out the **I wish to use the following course** section with the information of the course you **already completed** and wish to use for a substitution.
6. For the **Rationale**, select the reason for the substitution and feel free to add comments as needed.

Required Supporting Materials

Please provide:

1. An **official transcript**.
    a. **Foreign transcripts** need an **official evaluation** by an **accredited agency**.
2. A **course syllabus** and/or **course outline of record** including a **detailed course description** of the course used for the substitution.
3. Academic records that demonstrate all program requirements are completed or close to completion if the substitution is being requested because the course has not been offered recently or is no longer offered.

Submitting the Form

Submit the completed **Form** and the **Required Supporting Materials** electronically to lpc-articulation@laspositascollege.edu **or** in person to the Front Desk in Building 1600 addressed to the Articulation Officer and email a notification of your submission to lpc-articulation@laspositascollege.edu.

Review and Notification Process

The **Program Faculty Coordinator** and their **Division Dean** will review the materials and make their determinations. **If** the Program Faculty Coordinator and their Division Dean **disagree** regarding approval/denial of the request, the Las Positas College Academic Senate shall make the **final determination**. The student will be notified of the final decision by A&R.

LAS POSITAS COLLEGE

Request for a Course Substitution of an Associate Degree (AA/AS) or Certificate Requirement

Student Information

Last Name | First Name, M.I.

W# | Date 8/31/2022

Current Address | City Livermore | State CA | ZIP 94550

Phone | Email Address

Program Information

Program/Major: Computer Science

Program Type:
- ○ Associate of Arts (AA) Degree
- ◉ Associate of Science (AS) Degree
- ○ Certificate of Achievement
- ○ Certificate of Accomplishment

I wish to substitute the following course:

Course Prefix: CS | Course Number: 21 | Course Title: Computer Organization and Assembly Language Programming

Units: 4 | Semester/Year: Summer 2022

I wish to use the following course:

Name of Institution: San Jose State University

Course Prefix: CS | Course Number: 47 | Course Title: Introduction to Computer Systems

Units: 3 | Semester/Year: Fall 2021

Rationale

- ○ Required course no longer offered
- ◉ Completed a similar course at another institution
- ○ Required course has not been offered in the last two terms and will not be offered in the next term

Other/Comments:

The Las Positas CS21 is equivalent to SJSU's CS 47 according to the articulation agreement on assist.org. My transcript from SJSU is already on file. It was sent in summer 2022.

Program Faculty Coordinator

Signature | Date

○ Approved ○ Denied Rationale:

Program Division Dean

Signature | Date

○ Approved ○ Denied Rationale:

Las Positas College Academic Senate President

Signature | Date

○ Approved ○ Denied

Craig Kutil

From: Bill Komanetsky
Sent: Thursday, September 1, 2022 4:20 PM
To: Craig Kutil
Subject: Re: course equivalency question
Attachments: cs47_s2.syllabus.Fall.2021.tsao.pdf

I would say yes that they are equivalent. In fact CS 21 has more content in it than their course does.

Bill K.

> On Sep 1, 2022, at 15:59, Craig Kutil <CKutil@laspositascollege.edu> wrote:
>
> Hey Bill,
>
> Can you please verify if CS 47 Introduction to Computer Systems at SJSU is equivalent to our CS 21? SJSU considers our CS 21 equivalent to their CS 47 class, so I assume the answer is yes. I have a syllabus attached as well.
>
> Thanks!
>
> Craig Kutil
>
> Articulation Officer
> Professor, Mathematics
> Instructor, Martial Arts
> Faculty at Large, Faculty Association
> Advisor (ASCCC), ICAS – IGETC Standards Subcommittee
> Member (ASCCC), C-ID AO Subgroup
> Las Positas College
> (925) 424-1346
> http://laspositascollege.edu/faculty/ckutil
> http://www.laspositascollege.edu/lpcarticulation/

San José State University
College of Science
Department of Compute Science

CS 47-S2 Introduction to Computer Systems

Fall 2021

Instructor(s):	Dr. Chung-Wen (Albert) Tsao
Email:	chung-wen.tsao@sjsu.edu (Once the class starts, please use Canvas Inbox)
Class Days/Time:	M/W 12:30-13:45
Classroom:	Online only - Synchronous at https://sjsu.zoom.us/j/89574810154
Office Hours:	• M/W: 17:20 - 18:00PM https://sjsu.zoom.us/j/86795567911 • T/R : 17:20 - 18:00PM https://sjsu.zoom.us/j/88010610862 • By Appointments
Prerequisites:	CS 42 / MATH 42 orCS 42X / MATH 42X, and CS 46B (with a grade of "C-" or better).
Class Meeting Dates:	Aug 19, 2021- Dec 6, 2021
Units	3 units

Class Format
Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on Canvas at http://sjsu.instructure.com. You are responsible for regularly checking the most updated messages and uploaded materials there.

Course Description
Instruction sets, assembly language and assemblers, linkers and loaders, data representation and manipulation, interrupts, pointers, function calls, argument passing, and basic gate-level digital logic design.

Faculty Web Page and MYSJSU Messaging
Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on MySJSU Canvas. You are responsible for regularly checking with the email system through MySJSU at http://my.sjsu.edu to learn of any updates.

Course Learning Outcomes (CLO)

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

1. Explain the architectural components of a computer system: CPU (registers, ALU), memory, buses
2. Convert between decimal, binary, and hexadecimal notations.
3. Use with two's complement integers, IEEE 754 floating-point numbers, and character encodings
4. Write assembly programs that use load/store, arithmetic, logic, branches, call/return and push/pop instructions.
5. Simulate the gate-level operations of basic ALU functions

6. Describe how variable access, arithmetic, function calls, and pointers are translated from a High Level Language to assembly.
7. Write programs that interface between a High Level Language and assembly.
8. Write programs that contain system calls in a High Level Language and assembly.

Required Texts/Readings Textbook
COMPUTER ORGANIZATION and DESIGN | Edition: 5 Author: DAVID A. PATTERSON
ISBN:9780124077263
Publication Date:10/10/2013
Publisher:ELSEVIER

Other Readings
LOGIC & COMPUTER DESIGN FUNDAMENTALS
Author: MANO & KIME
ISBN: 9780131989269
Publication Date: 06/15/2007
Publisher: PEARSON

LockDown Browser + Webcam Requirement:
This course requires the use of LockDown Browser and a webcam for online quizzes/exams. The webcam can be the type that's built into your computer or one that plugs in with a USB cable. Watch this brief video to get a basic understanding of LockDown browser and the webcam feature. Download and install LockDown browser from here.

Assignments:
- **Late assignments will NOT be accepted for any reason.**
- All homework must clearly indicate each student's name, course, and assignment number.
- Students are allowed (and actively encouraged) to form study groups.
- You may discuss solutions but you MUST write up the answers independently.
- If you use a website or reference book, you must cite it.
- If there are multiple similar submissions not exhibiting independent thought, or with words obviously lifted from a book or website, ALL such submissions will receive scores of 0.

Pop Quizzes:
We will have pop quizzes to check your understanding of the current lecture material. The quizzes are usually explained in class and due on the end of the lecture day. The purpose of pop quizzes is to encourage you to study and review the concepts and materials we discussed in the lecture.

Exams:

- There will be two midterm examinations, and a cumulative final exam.
- Exams typically include an in-class closed-book quiz and a take-home open-book written test.
- Exams may NOT be taken before or after the scheduled time for any reason. All the students need to attend synchronously.
- No make-up exams for anyone except for the medical emergency with the official medical proof.
- Use of electronic devices during exams is NOT allowed unless stated otherwise.
- All exams will remain with the instructor

Grading

- Pop quizzes 10%
- HW+ Lab 40%
- Midterm 1 15%

- Midterm 2 15%
- Final Exam 20%

The grading scale is as follows:
Final grades will not be adjusted in any way - so an 89.99% is still a B+.
No incomplete grades will be given.

Grading Scale					
A+	≥ 97%	A	93%	A-	90%
B+	87%	B	83%	B-	80%
C+	77%	C	73%	C-	70%
D+	67%	D	63%	D-	60%
F	below 60.0%				

Classroom Protocol and Other Notes

- Absences in attending the first two lectures will be dropped out from the class.
- No late assignments will be accepted without advanced arrangement with the instructor.
- No incomplete grades will be given.
- No exam may be taken before or after the scheduled time for any reason.
- There is no make-up quiz, assignment, project, or midterm/final exam.
- No extra credit will be assigned. Grades will not be adjusted in any way.
- Do not ask for special treatment. The rules for this course apply to everyone equally.
- Cheating will not be tolerable; a ZERO will be given to any cheated assignment/exams, and it will be reported to the Department and the University.
- Do NOT share/post online any course materials, PPT slides, or homework solutions.
- Audio or video recording of the lectures are NOT allowed.
- Use of electronic devices during exams is NOT allowed.
- You are required to check Canvas for reading/assignments.
- The information on this syllabus is subject to change; changes, if any, will be carefully explained in class, and it is your responsibility to become aware of them.
- Once the class starts, use Canvas Inbox to email me for a faster response. I check the Canvas Inbox emails much more often than my school emails.

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at http://www.sjsu.edu/gup/syllabusinfo/"

Course Schedule (This schedule is subject to change. Any change will be communicated via Canvas with fair notice.)

Week	Date	Topics
1	19-Aug	School Begins
2	23-Aug	Introduction to Computer
	25-Aug	Computer Organization
3	30-Aug	Number Representation
	1-Sep	Programming a Computer
4	6-Sep	Labor Day

	8-Sep	Assembler,Linker,Loader
5	13-Sep	SPIM IDE & MIPS Simulator
	15-Sep	Memory Usage I
6	20-Sep	Memory Usage II
	22-Sep	Memory Usage III
7	26-Sep	Review
	27-Sep	Midterm Exam I
8	4-Oct	Addressing Modes, Directives
	6-Oct	Arithmetic and Logic Instructions
9	11-Oct	Comparison, Branch & Jump
	13-Oct	Procedure
10	18-Oct	Procedure Implementation
	20-Oct	Boolean Algebra I
11	25-Oct	Boolean Algebra II
	27-Oct	Logic Gates
12	1-Nov	Logic Circuit Design
	3-Nov	Logic Design Components
13	8-Nov	Review
	10-Nov	Midterm Exam II
14	15-Nov	Addtion and Subtraction Logic
	17-Nov	Multiplication Logic
15	22-Nov	Division Logic
	24-Nov	Thanksgiving
16	29-Nov	Floating Point Number Representation
	1-Dec	Floating Point Number Representation
17	6-Dec	Exception & Interrupt
Final		12:15-2:30 PM, Tuesday, December 14

SJSU ACADEMIC YEAR CALENDAR 2021/22*

LPC - Articulation

From: LPC - Articulation
Sent: Thursday, September 1, 2022 5:01 PM
To:
Subject: RE: [EXTERNAL] Course Substitution Request

Hello,

I verified with the Computer Science coordinator that the CS47 at SJSU is equivalent to CS 21 here, so this substitution request is unnecessary. I am guessing you received an email saying your degree request was denied, but I have let the evaluators know of the course equivalency so you will be granted the degree. I am not sure when you will get the degree, but you should receive an email at some point verifying you earned the degree.

Take care,

Craig Kutil

Articulation Officer
Professor, Mathematics
Instructor, Martial Arts
Faculty at Large, Faculty Association
Advisor (ASCCC), ICAS – IGETC Standards Subcommittee
Member (ASCCC), C-ID AO Subgroup
Las Positas College
(925) 424-1346
http://laspositascollege.edu/faculty/ckutil
http://www.laspositascollege.edu/lpcarticulation/

From:
Sent: Wednesday, August 31, 2022 10:59 PM
To: LPC - Articulation <lpc-articulation@laspositascollege.edu>
Subject: [EXTERNAL] Course Substitution Request