

SJSU Peer Connections

Peer Connections, a campus-wide resource for mentoring and tutoring, strives to inspire students to develop their potential as independent learners while they learn to successfully navigate through their university experience. You are encouraged to take advantage of their services which include course-content based tutoring, enhanced study and time management skills, more effective critical thinking strategies, decision making and problem-solving abilities, and campus resource referrals.

In addition to offering small group, individual, and drop-in tutoring for a number of undergraduate courses, consultation with mentors is available on a drop-in or by appointment basis. Workshops are offered on a wide variety of topics including preparing for the Writing Skills Test (WST), improving your learning and memory, alleviating procrastination, surviving your first semester at SJSU, and other related topics. A computer lab and study space are also available for student use in Room 600 of Student Services Center (SSC).

Peer Connections is located in three locations: SSC, Room 600 (10th Street Garage on the corner of 10th and San Fernando Street), at the 1st floor entrance of Clark Hall, and in the Living Learning Center (LLC) in Campus Village Housing Building B. Visit [Peer Connections website](http://peerconnections.sjsu.edu) at <http://peerconnections.sjsu.edu> for more information.

SJSU Writing Center

The SJSU Writing Center is located in Clark Hall, Suite 126. All Writing Specialists have gone through a rigorous hiring process, and they are well trained to assist all students at all levels within all disciplines to become better writers. In addition to one-on-one tutoring services, the Writing Center also offers workshops every semester on a variety of writing topics. To make an appointment or to refer to the numerous online resources offered through the Writing Center, visit the [Writing Center website](http://www.sjsu.edu/writingcenter) at <http://www.sjsu.edu/writingcenter>. For additional resources and updated information, follow the Writing Center on Twitter and become a fan of the SJSU Writing Center on Facebook. (Note: You need to have a QR Reader to



scan this code.)

SJSU Counseling Services

The SJSU Counseling Services is located on the corner of 7th Street and San Fernando Street, in Room 201, Administration Building. Professional psychologists, social workers, and counselors are available to provide consultations on issues of student mental health, campus climate or psychological and academic issues on an individual, couple, or group basis. To schedule an appointment or learn more information, visit [Counseling Services website](http://www.sjsu.edu/counseling) at <http://www.sjsu.edu/counseling>.

SAFETY: Strict adherence to laboratory safety rules is required. You must pass a quiz on safety rules. Wearing eye protection is mandatory. See, ADDENDUM TO ALL CHEMISTRY DEPARTMENT GREENSHEETS.

EMERGENCIES/EVACUATIONS

If you hear a continuously sounding alarm or are told to evacuate by Emergency Coordinators (colored badge identities), walk quickly to the nearest stairway (end of each hall). Take your personal belongings with you as you may not be

immediately allowed to return. Follow instructions of Coordinators. Be quiet so you can hear. Once outside, move away from the building. Do not return to the building unless the Police or Coordinators announce that it is permissible. If an alarm should occur during an exam or quiz, please attempt to give your instructor the paper or if taking test on line please attempt to save the test.

Chem55L / Analytical Chemistry Laboratory, Fall 2019, Section 01

Course Schedule

The schedule is subject to change with fair notice, announced in the class and on CANVAS web site.

Date	Topics, Readings, Assignments, Deadlines
W August 21	Check-in and preliminary operations & Safety orientation. IMPORTANT: Safety quiz has to be taken and passed on Canvas website before Monday 08-26 (First experimental day)
M August 26	General explanation: proper use of laboratory materials and LabArchives platform EDTA determination of total hardness, calcium, and magnesium in brine sample
W August 28	EDTA determination of total hardness, calcium, and magnesium in brine sample.
M Sept. 02	<i>LABOR DAY – CAMPUS CLOSED</i>
W Sept. 04	EDTA determination of total hardness, calcium, and magnesium in brine sample. Manganese determination in steel sample.
M Sept. 09	EDTA determination of total hardness, calcium, and magnesium in brine sample. Manganese determination in steel sample.
W Sept. 11	REPORT DUE: Total Hardness & Calcium (200 points). Manganese determination in steel sample.
M Sept. 16	Manganese determination in steel sample.
W Sept. 18	<u>Quiz 1</u>
M Sept. 23	Manganese determination in steel sample. Group experiment: HPLC, report due: next lab after experiment is done. (2 groups)
W Sept. 25	Manganese determination in steel sample. Group experiment: HPLC, report due: next lab after experiment is done. (2 groups)
M Sept. 30	Manganese determination in steel sample. Group experiment: HPLC, report due: next lab after experiment is done. (2 groups)
W Oct. 02	Manganese determination in steel sample. Gravimetric determination of calcium in a solid sample.
M Oct. 07	Manganese determination in steel sample. Gravimetric determination of calcium in a solid sample.
W Oct. 09	REPORT DUE: Manganese determination (150 points). Gravimetric determination of calcium in a solid sample
M Oct. 14	Gravimetric determination of calcium in a solid sample.
W Oct. 16	Gravimetric determination of calcium in a solid sample. Group experiment: HPCE (two groups), report due: next lab after experiment is done.
M Oct. 21	Gravimetric determination of calcium in a solid sample. Group experiment: HPCE (two groups), report due: next lab after experiment is done.
W Oct. 23	<u>Quiz 2</u>
M Oct. 28	Group experiment: HPCE (two groups), report due: next lab after experiment is done. Phosphates titration.
W Oct. 30	Phosphates titration.
M Nov. 04	REPORT DUE: Gravimetric report (100 points). Phosphates titration.
W Nov. 06	Phosphates titration.

Date	Topics, Readings, Assignments, Deadlines
<i>M Nov. 11</i>	<i>VETERANS DAY – CAMPUS CLOSED</i>
W Nov. 13	Phosphates titration.
M Nov. 18	Phosphates titration
<u>W Nov. 20</u>	<u>QUIZ 3</u> REPORT DUE: phosphates (200 points)
M Nov. 25	Group experiment: Vitamin C determination, calibration of the instrument: reports due: next lab after experiment is done.
<i>W Nov. 27</i>	<i>Non Instructional Day (Thanksgiving)</i>
M Dec. 02	Group experiment: Vitamin C determination, calibration of the instrument: reports due: next lab after experiment is done.
W Dec. 04	Final due date for Vitamin C and Instrument calibration report. Please turn in report as soon as you complete Vitamin C and instrument calibration experiments. Final due date for the lab notebook.
M Dec. 09	Last Day of the laboratory – CHECK OUT DAY

Final EXAM

Final Exam	Wednesday December 12th	Final exam is on Thursday, December 12th 2018, 9:45 am – 12:00 (Noon). Computer Room DH 503, Department of Chemistry
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