

Academic Cooperative

CHEM-2289

Fall 2014 Section SECTION_302 CRN-11204 2 Credits 08/27/2014 to 12/16/2014 Modified 09/22/2014

Meeting Times

Fridays from 10:00 a.m. to 1:00 p.m.

Contact Information

Dr. Al Gallegos

Office: Room H252

al.gallegos@blinn.edu

Office Hours:

MW 12:00 to 2:00 p.m.

TR 9:00 a.m. - 12:00 p.m.

Description

1 lecture and 2 lab hours per week; 48 total contact hours. Credit: 2 semester hours.

A student-centered instructional program designed to integrate on-campus study with practical hands-on experience in chemistry under supervision of a faculty mentor. This course may be repeated once for credit.

Requisites

Prerequisite: Eight hours of college-level chemistry courses with a GPA of 3.0 or higher and the approval of the instructor or 4 hours of college-level chemistry with a grade of "A" while taking the second 4 hours of chemistry concurrently.

Core Curriculum Statement

This course is not a core curriculum course.

Outcomes

1. Demonstrate the ability to carry out independent research using appropriate methodologies.
2. Communicate results in a scientific manner.

Materials

To be determined based on the nature of the agreed upon research.

Course Requirements

All sections of this course regardless of location or modality will include:

1. A laboratory notebook or portfolio will be assembled documenting the progress and results of the student's investigation.
2. An oral or written report detailing the results of the student's investigation.

Evaluation

The following are required components of a student's final grade.

1. The portfolio or laboratory notebook will account for a minimum of 60% of the final grade.
2. An oral or written presentation of the student's work will account for a minimum of 10% of the final grade.

Blinn College Policies

Blinn College policies on civility, class attendance; scholastic integrity; students with disabilities; final grade appeals; and electronic devices as stated in the Blinn College Faculty Handbook, Blinn College Catalog and specific technical program handbooks. All policies, guidelines and procedures in the Faculty Handbook, the Board Policy and Administrative Procedure Manuals are applicable to this course.

Civility Statement

Members of the Blinn College community, which includes faculty, staff and students, are expected to act honestly and responsibly in all aspects of campus life. Blinn College holds all members accountable for their actions and words. Therefore, all members should commit themselves to behave in a manner that recognizes personal respect and demonstrates concern for the personal dignity, rights, and freedoms of every member of the College community, including respect for College property and the physical and intellectual property of others.

Civility Notification Statement. If a student is asked to leave the classroom because of uncivil behavior, the student may not return to that class until the student arranges a conference with the instructor; it is the student's responsibility to arrange for this conference.

This statement reflects step one in a possible four step process. The Incivility Protocol is detailed in the [Blinn College Administrative Procedure Manual \(http://www.blinn.edu/admnpolicy/Incivility-Protocol.pdf\)](http://www.blinn.edu/admnpolicy/Incivility-Protocol.pdf).

Attendance Policy

The College District believes that class attendance is essential for student success; therefore, students are required to promptly and regularly attend all their classes. The faculty shall require students to regularly attend class and shall keep a record of attendance from the first day of classes and/or the first day the student's name appears on the roster through final examinations. If a student has one week's worth of unexcused absences during the semester, he or she will be sent an e-mail by the College District requiring the student to contact his or her instructor and schedule a conference immediately to discuss his or her attendance issues. Should the student accumulate two weeks' worth of unexcused absences, he or she will be administratively withdrawn from class.

There are four forms of excused absences recognized by the institution:

1. observance of religious holy days—The student should notify his or her instructor(s) not later than the 15th day of the semester concerning the specific date(s) that the student will be absent for any religious holy day(s);
2. representing the College District at an official institutional function-If a student is asked by the College District to be an official representative of the College District at any function approved by the institution, the student shall be excused from any classes missed and must be allowed to complete all work without penalty for that absence(s) in a timely manner as directed by the faculty member;
3. a high school student representing the independent school district at an official institutional function- If a high school student is asked by the independent school district to be an official representative of the school district at any function approved by the institution, the student shall be excused from any class missed and must be allowed to complete all work

without penalty for the absence(s) in a timely manner as directed by the faculty member; and

4. military service- If a student can prove he or she is serving on active duty to which he or she is called with the Armed Forces of the United States, the student shall be excused from attending classes and allowed to complete an assignment or take an examination from which the student is excused within a reasonable time after the absence.

Other absences may be excused at the discretion of the faculty member. A student enrolled in a developmental course is subject to College District-mandated attendance policies. Failure to attend developmental classes shall result in removal from the course as defined by the College District. [Board Policy FC \(LOCAL\) \(http://pol.tasb.org/Policy/Download/1204?filename=FC\(LOCAL\).pdf\)](http://pol.tasb.org/Policy/Download/1204?filename=FC(LOCAL).pdf)

It is the student's responsibility to officially drop a class he or she is no longer attending. More information on drop limits and withdrawing can be found in the [Blinn College Catalog \(http://www.blinn.edu/catalogPDF/Admissions-Records-Financial-Aid.pdf\)](http://www.blinn.edu/catalogPDF/Admissions-Records-Financial-Aid.pdf). The last day to drop with a Q is according to the [Academic Calendar \(http://calendar.blinn.edu/events/academic_calendar.pdf\)](http://calendar.blinn.edu/events/academic_calendar.pdf).

Scholastic Integrity

Blinn College does not tolerate cheating, plagiarism, or any other act of dishonesty with regard to the course in which you are enrolled. The following text defines the faculty member's responsibility with regard to the scholastic integrity expectation for this and all courses at Blinn College. In a case of scholastic dishonesty, it is critical that written documentation be maintained at each level throughout the process.

It is the responsibility of faculty members to maintain scholastic integrity at the College District by refusing to tolerate any form of scholastic dishonesty. Adequate control of test materials, strict supervision during testing, and other preventive measures should be utilized, as necessary, to prevent cheating or plagiarism. If there is compelling evidence that a student is involved in cheating or plagiarism, the instructor should assume responsibility and address the infraction. Likewise, any student accused of scholastic dishonesty is entitled to due process to resolve the allegation as outlined in [Blinn College Board Policy FLDB \(Local \(http://pol.tasb.org/Policy/Download/1204?filename=FLDB\(LOCAL\).pdf\)\) \(http://pol.tasb.org/Policy/Download/1204?filename=FLDB\(LOCAL\).pdf\)](http://pol.tasb.org/Policy/Download/1204?filename=FLDB(LOCAL).pdf). The Scholastic Integrity Policy is located in the [Blinn College Catalog \(http://www.blinn.edu/CatalogPDF/index.htm\)](http://www.blinn.edu/CatalogPDF/index.htm).

Students with Disabilities

Non-Discrimination Statement

Blinn College does not discriminate against qualified individuals with disabilities in the recruitment and admission of students, the recruitment and employment of faculty and staff, or the operation of any of its programs and activities, as specified by applicable federal laws and regulations. The designated coordinator for Blinn College's compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 (ADA), and the Americans with Disabilities Act Amendment Act (ADAAA) is Patricia E. Moran, M.Ed., 902 College Avenue, Brenham, TX 77833, (979) 830-4157. The College's facilities are accessible to students and visitors with disabilities. Designated parking spaces, ramps, handicapped restroom facilities, elevators, and assistance from College employees are readily available on all campuses. The College's faculty and staff work closely with students with disabilities to meet their individual needs.

Services for Students with Documented Disabilities

Students with documented disabilities must self-identify and provide current, appropriate documentation of the disability to the Office of Disability Services (ODS) prior to receiving services. Students are encouraged to contact this office as early as possible to initiate services. Direct services to students with disabilities are provided in the following areas:

- Assessment of needs and appropriate services
- Provision of classroom and testing accommodations
- Assistance in orientation and registration procedures
- Counseling on disability related issues

Information, education, referrals, and consultation about specific disabilities are available to interested parties on request. For answers to specific questions or to request an information packet, contact the [Office of Disability Services \(http://www.blinn.edu/Disability/index.html\)](http://www.blinn.edu/Disability/index.html) on the specific campus you will be attending.

Final Grade Appeal

If a student wishes to appeal a final grade in a course, [Blinn College Board Policy FLDB \(Local\)](http://pol.tasb.org/Policy/Download/1204?filename=FLDB(LOCAL).pdf) ([http://pol.tasb.org/Policy/Download/1204?filename=FLDB\(LOCAL\).pdf](http://pol.tasb.org/Policy/Download/1204?filename=FLDB(LOCAL).pdf)) ([http://pol.tasb.org/Policy/Download/1204?filename=FLDB\(LOCAL\).pdf](http://pol.tasb.org/Policy/Download/1204?filename=FLDB(LOCAL).pdf)), Course Grade Complaints, outlines the timeline and steps for appeal. This policy is located in the [Blinn College Catalog](http://www.blinn.edu/CatalogPDF/index.htm) (<http://www.blinn.edu/CatalogPDF/index.htm>).

Electronic Devices

Cellular telephones and beepers/pagers must be disengaged while the student is in the Blinn College Library or any classroom/lab, unless otherwise instructed. Any noncompliance with this policy shall be addressed in accordance with the [Blinn College Administrative Procedure Manual- Incivility Protocol](http://www.blinn.edu/admnpolicy/Incivility-Protocol.pdf) (<http://www.blinn.edu/admnpolicy/Incivility-Protocol.pdf>).

* Course Policies

Attendance will be taken each Friday. All work in in this course will be assessed on an individual basis. Students must keep laboratory notebooks in which they record their work.

Schedule

Week	Date	Activity	Credit Hours
1	August 29	Organization of research	3
2	September 5	Organization of research	3
3	September 12	Research	3
4	September 19	Research	3
5	September 26	Research	3
6	October 3	Research	3
7	October 10	Research	3
8	October 17	Research	3
9	October 24	Research	3
10	October 31	Research	3
11	November 7	Research	3
12	November 14	Research	3
13	November 21	Research	3

14	November 28	Research	3
15	December 5	Research	3
16	December 12	research	3
		Total	48