



The Student Center for Academic Achievement (SCAA) SCIENCE TUTOR APPLICATION

Student Center for Academic Achievement (SCAA) Overview:

Since 2001, the Student Center for Academic Achievement (SCAA) at California State University, East Bay (CSUEB) has provided tutoring and supplemental academic services for over 2,000 students per year. The heart of SCAA's work is a dedicated staff of peer tutors, online tutors, Supplemental Instruction (SI) Leaders, Writing Associates (WAs), and Receptionists. We are looking for students who are interested in supporting their peers to engage in life-long learning; are patient and have communicate effectively; are sensitive to diverse student needs; are reliable, committed, and accountable; are willing to creatively and collaboratively contribute to SCAA's development; and are interested in becoming a part of a community that is passionate about student success.

Science Tutor Responsibilities:

- Commit to 5-10 tutoring hours per week by working with our students in the sciences. Since students may come to you for tutoring in a variety of courses, we expect our tutors to be familiar with the content of the following courses:
 - For **Biology Tutors:** Introductory Biology, Principles of Cell and Molecular Biology, Principles of Organismal Biology. Ideal candidates will also be able to tutor Anatomy and Physiology and Microbiology. Biochemistry optional.
 - For **Chemistry Tutors:** Introductory Chemistry, General Chemistry. Ideal candidates will be able to tutor Quantitative Analysis and Organic Chemistry.
 - For **Physics Tutors:** Elementary Physics, Introductory Physics, General Physics (with or without calculus).
 - For **Computer Science Tutors:** Intro to Computer Science, Data Structures, various programs including Java, C++, etc.
- Participate in an intensive, mandatory orientation at the beginning of the fall and spring semesters and attend mandatory monthly staff meetings and ongoing bi-weekly training activities throughout the year.
- Develop resources (videos, handouts, workshops, etc.) according to CSUEB student needs.
- Use talents to assist in SCAA's operations and participate in areas such as outreach, training, our eTutoring program, etc.

Requirements:

- This position is an on-campus position, however, due to COVID and to prevent the spread of the virus, you will temporarily be working remotely until further notice. The remote work arrangement is subject to change at any time so please be prepared to work on campus when notified.
- Must be enrolled as a sophomore, junior, senior, or graduate student at CSUEB for the academic year.

Contact Information

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- Must have availability for consistent working hours and regular meetings for a maximum of 20 hours per week, with a minimum of 5 hours per week.
- A cumulative GPA of at least 3.0/4.0.
- Strong content knowledge of the subject you apply to tutor in. Staff will be trained on tutoring techniques.
- Ability to interact effectively with diverse populations in individual or group settings.
- A completed application (attached) with professor referral or a brief recommendation by a professor (form provided in application).

Pay Rate and Other Perks:

- Tutors are paid \$15.00 per hour.
- Tutors are paid for all activities outlined in the “Science Tutor Responsibilities” section above.
- Tutors who complete all their training requirements will receive a College Reading & Learning Association (CRLA) Internationally Certified Level One Tutor credential.
- Tutors develop professional skills transferrable to future careers, including communication, time management, organization, and problem-solving skills.

Application Instructions:

Please fill out this application form completely and attach the following documentation:

- Email referral by a Faculty member *or* Faculty member recommendation letter (see attached form on page 5)
- Copy of an unofficial transcript. If available, CSUEB transcript preferred.

Submit your completed application and additional documents to the Science Coordinator via email. You will be contacted if selected for an interview.

Equal Opportunity Employer

As an Equal Opportunity Employer, Cal State East Bay does not discriminate on the basis of any protected categories: age, ancestry, citizenship, color, disability, gender, immigration status, marital status, national origin, race, religion, sexual orientation, or veteran status. The University is committed to the principles of diversity in employment and to creating a stimulating learning environment for its diverse student body.

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**Student Employment Application for
The Student Center for Academic Achievement
(SCAA)**



**CALIFORNIA STATE
UNIVERSITY
EAST BAY**

Student Center for Academic Achievement

Application Position: Math/Stats Tutor Writing Tutor Science Tutor SI Leader Receptionist

Name: _____ Date _____

Preferred Pronoun (He/She/They): _____ Ethnicity (optional): _____

Multilingual? Yes No If Yes, what language(s) do you speak? _____

Preferred email: _____

Phone number, most accessible: _____

Do you receive college work study funds (FWS)? Yes ___ No ___ How much? _____

EDUCATION:

Major: _____ Minor: _____

Academic Status: Freshman Sophomore Junior Senior Graduate

Educational Experience:

College	Dates Attended	GPA	Degree

Expected Graduation Gate (Semester, Year): _____

Hours available to work per week: _____

How did you find out about this opportunity? _____

This section will be filled out by our staff members if you are invited to an interview:

Last 4 digits of SS No. _____ Net ID _____

US Citizen: Yes No If No, does student have a Work Permit? Yes No

Contact Information

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**Student Employment Application for
The Student Center for Academic Achievement
(SCAA) – Science Tutor Short Answers**



1. Please list the subjects and courses (including course numbers relevant to courses offered at CSUEB) that you wish to tutor in the subject area you have chosen (biology, chemistry, physics, or computer science). Please refer to the CSUEB course catalog for specific course numbers. You must have received a “B” or better in the courses selected to tutor.

2. Please describe how your work experiences in tutoring and/or other previous experiences have prepared you to become an effective Science Tutor. (150 words or less)

3. Please explain why you would like to be a SCAA science tutor. How do you imagine helping students with science in this position? (150 words or less)

4. Please describe your approach to time management, and how you would apply that to your work as a science tutor for the SCAA.

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**Student Employment Application for
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Faculty Member Recommendation Letter

To applicants: Please ask your professors either at California State University, East Bay (CSUEB) or another academic institution that you have attended to write a recommendation. **Please allow your recommenders enough time to write a thoughtful narrative of your ability to be a tutor.** This recommendation is a requirement to complete your application. A copy of the letter must be included with other materials in your application.

Applicant Name: _____ Applicant NetID: _____

Dear Faculty Member:

*This student has applied for a Science Tutor position at the Student Center for Academic Achievement (SCAA) and would like to list you as a reference. The SCAA provides content tutoring and supplemental academic services for over 2,000 students per year. We are looking for individuals who are passionate, creative, collaborative, patient, excellent communicators, and genuinely interested in engaging with their peers in the learning process. **Please describe your experience with this student and assess the student's potential and/or existing ability to work with students in biology, chemistry, physics, or computer science for college courses.** You may write in the space below or attach a document to this form.*

Faculty Name: _____ Department: _____
Email: _____ Phone Number: _____
Faculty Signature: _____ Date: _____

After completing this form, please return it to the student so that they may include it in their application.

Contact Information

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Your Name: _____

I am a (Writing/Math/Stats/Science) _____ Tutor

AVAILABILITY FOR _____ / _____
Semester/Year

PLEASE PUT A “Y” ON HOURS YOU CAN WORK and “C” on those hours you’re in class. For WAs, please indicate WA for all your WA hours only and Y and C for the rest. For OWL Tutors, indicate the number of papers/week you intend to work on.

When you give us your proposed tutoring hours, we will expect you to be available during those times **throughout the semester.**

	Monday	Tuesday	Wednesday	Thursday	Friday	Sunday
10:00-11:00						
11:00-12:00						
12:00-1:00						
1:00-2:00						
2:00-3:00						
3:00-4:00						
4:00-5:00						
5:00-6:00						
6:00-7:00						
7:00-8:00						
Number of OWL papers per week						

The number of hours per week that you would like to work as a <i>Peer Tutor</i>	
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Notes (potential vacations, anticipated absences, other jobs we should be aware of, etc.):

For Math/Stats/Science Tutors: Please check off *all* the courses you can tutor in your subject. You will be assigned those courses for tabling. If you would like to take on appointments in other subjects, please check off additional courses outside your subject area.

Math Courses	Stats Courses
<input type="checkbox"/> MATH 115 (Algebra) <input type="checkbox"/> MATH 118 (Mathematics for the Arts and Humanities) <input type="checkbox"/> MATH 120 (Pre-Calculus) <input type="checkbox"/> MATH 125 (Pre-Calculus with Algebra) <input type="checkbox"/> MATH 130 (Calculus I) <input type="checkbox"/> MATH 131 (Calculus II) <input type="checkbox"/> MATH 180 (Mathematics for Business with Calculus) <input type="checkbox"/> MATH 210 (Linear Algebra with Differential Equations) <input type="checkbox"/> MATH 211 (Discrete Structures) <input type="checkbox"/> MATH 225 (Numerical Algorithms and Linear Algebra for Computer Science) <input type="checkbox"/> MATH 230 (Calculus III) <input type="checkbox"/> MATH 300 (Introduction to Mathematical Proof) <input type="checkbox"/> MATH 310 (Linear Algebra Theory) Other Courses (Please Specify):	<input type="checkbox"/> STAT 100 (Elements of Statistics and Probability) <input type="checkbox"/> STAT 101 (Statistics of Everyday Life) <input type="checkbox"/> STAT 110 (Elements of Statistics for Business and Economics) <input type="checkbox"/> STAT 303 (Statistical Methods in Biology) <input type="checkbox"/> STAT 305 (From Data to Decisions) <input type="checkbox"/> STAT 310 (Statistical Methods in Social Sciences) <input type="checkbox"/> STAT 315 (Exploring and Analyzing Data) <input type="checkbox"/> STAT 316 (Stats/Probability for Science/Engineering) <input type="checkbox"/> STAT 320 (Intro to Probability Theory) Other Courses (Please Specify): Programs: <input type="checkbox"/> SAS <input type="checkbox"/> R/RStudio <input type="checkbox"/> SPSS <input type="checkbox"/> MiniTab <input type="checkbox"/> Excel
Science Courses	
Biology: <input type="checkbox"/> BIOL 100 (Biology in the Real World) <input type="checkbox"/> BIOL 101 (Introduction to Biology) <input type="checkbox"/> BIOL 140A (Principles of Cell and Molecular Biology) <input type="checkbox"/> BIOL 140B (Principles of Organismal Biology) <input type="checkbox"/> BIOL 270/1 (Anatomy and Physiology) <input type="checkbox"/> BIOL 310 (Genetic Analysis I) <input type="checkbox"/> BIOL 315 (General Microbiology) <input type="checkbox"/> BIOL 450 (Cell and Molecular Biology) Other Courses (Please Specify):	Chemistry: <input type="checkbox"/> CHEM 100 (Introduction to College Chemistry) <input type="checkbox"/> CHEM 110 General Chemistry for Engineering) <input type="checkbox"/> CHEM 111 (General Chemistry I) <input type="checkbox"/> CHEM 112 (General Chemistry II) <input type="checkbox"/> CHEM 161 (Basic Chemistry for Health Sciences) <input type="checkbox"/> CHEM 230 (Survey of Organic Chemistry) <input type="checkbox"/> CHEM 233 (Fundamentals of Organic Chemistry) <input type="checkbox"/> CHEM 331 (Organic Chemistry I) <input type="checkbox"/> CHEM 332 (Organic Chemistry II) Other Courses (Please Specify):
Physics: <input type="checkbox"/> PHYS 115 (Elementary Physics) <input type="checkbox"/> PHYS 125 (Principles of Physics I) <input type="checkbox"/> PHYS 126 (Principles of Physics II) <input type="checkbox"/> PHYS 135 (Physics for Scientists and Engineers I) <input type="checkbox"/> PHYS 136 (Physics for Scientists and Engineers II) <input type="checkbox"/> PHYS 137 (Physics for Scientists and Engineers III) <input type="checkbox"/> PHYS 303 (Biophysics) <input type="checkbox"/> PHYS 350 (Quantum Mechanics I) <input type="checkbox"/> PHYS 351 (Quantum Mechanics II) Other Courses (Please Specify):	Computer Science: <input type="checkbox"/> CS 100 (Programming for Everyone) <input type="checkbox"/> CS 101 (Computer Science I) <input type="checkbox"/> CS 200 (Advanced Programming for Everyone) <input type="checkbox"/> CS 201 (Computer Science II) <input type="checkbox"/> CS 211 (Discrete Structures) <input type="checkbox"/> CS 221 (Assembly Language and Computer Architecture) <input type="checkbox"/> CS 250 (Introduction to Web Programming) <input type="checkbox"/> CS 301 (Data Structures and Algorithms) Other Courses (Please Specify):