



$$f(x) = \int_0^{\infty} (acy) \cos yx + (bcy) \sin yx \, dy$$

$$acy = 1/P \int_{-\infty}^{\infty} f(x) \cos yx \, dx$$

$$bcy = 1/P \int_{-\infty}^{\infty} f(x) \sin yx \, dx$$

$$f(x) = 1/P \int_0^{\infty} (acy) \cos yx + (bcy) \sin yx \, dy$$

# Interested in Teaching Math or Science?

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Center for Excellence in Mathematics and Science Teaching (CEMaST)

# California Needs Math and Science Teachers!

- California is projected to need more than 33,000 new mathematics and science teachers in the next ten years.
- The demand for credentialed teachers in these fields is greater than the supply of fully qualified candidates.
- Cal Poly Pomona's College of Education offers single subject teaching credentials in biological sciences, chemistry, geosciences, mathematics, physics, and foundational level general science.
- CEMaST offers scholarships up to \$10,000 to obtain your single subject math or science teacher credential.
- CEMaST can reimburse your CTC fees such as finger printing, application fees, certificate of clearance fees and more.



# Steps to Becoming a Math or Science Teacher:



Step 1	Find out if teaching is right for you! Volunteer, substitute teach or visit a math or science class at your local middle or high school. You will need 45 hours of “experience with youth” before applying to a credential program.
Step 2	Complete your undergraduate degree at an accredited college or university.
Step 3	Verify subject matter competency by majoring the subject matter you intend to teach, achieving a passing score on the appropriate CSET test(s) or completion of a commission approved subject matter program. <a href="#">Subject Matter Competency Link</a>
Step 4	Complete a commission approved teacher preparation program. <a href="#">Teacher Credential Requirements</a>



# Credential Program

- Cal Poly Pomona's Credential Program provides excellent opportunities for qualified candidates who wish to become teachers.
- Our programs are fully accredited by the California Commission on Teacher Credentialing (CTC) and meet all state teacher preparation requirements.
- Cal Poly offers a combined teaching credential and Master's of Arts in Education program.
- For further information visit the College of Education's website: [CEIS](#)

# Are You an Undergrad?

- Cal Poly Pomona's Credential Program provides an excellent pathway for undergraduate students to begin working on their credential coursework before they graduate.
- Up to 4 courses can be taken as an undergraduate; contact an advisor for recommended courses.
- This pathway enables students to complete their credential in 2 semesters after graduation.
- For further information on pathways visit the College of Education's website: [CEIS](#)



# Benefits of Being a Teacher



- Beginning teacher's average salary is \$50,000.
- Number of years of experience and additional educational units (i.e. masters degree) results in higher salaries. Top salaries are \$100,00 +.
- Job stability - high demand for single subject math and science teachers.
- Health benefits for you and your family – vision, dental, medical.
- Pension – upon retirement, teachers receive lifetime monthly payments.
- Fulfilling career - impact future generations.

# Scholarship Opportunities

- **MSTI Scholarship:** Math and science majors and credential students are eligible for up to \$10,000 to obtain their single subject credential in math or science. [MSTI](#)
- **MSTI STEM Authorization Award:** Math and science students wanting to add a supplemental to their credential are eligible for a \$1,000 award. [MSTI STEM](#)
- **PIE Scholarship:** Credential students are eligible for a \$4,000 Partners in Education Scholarship while completing their clinical practice. [PIE](#)
- **TEACH Grant:** The Teacher Education Assistance for College and Higher Education Grant Program is a non-need-based grant program available to students who plan to complete coursework to begin a career in teaching and who agrees to teach full-time for at least four years as a highly qualified teacher. [TEACH](#)
- **Golden State Teacher Grant:** The GSTG encourages students to consider earning a teaching credential and teach in a high-need field in California for four years. Students are eligible for up to \$20,000. [GSTG](#)
- **PELL Grant:** The Pell Grant is a federal grant offered to undergraduate students and students enrolled in a post baccalaureate teacher certification program. Grant amounts change yearly and depend on your financial need, cost of attendance, status as a full-time or part-time student and your academic plans. [PELL](#)

# Questions??

## CEMaST Offers Math and Science Advising

- Contact the CEMaST Office to setup an advising appointment.

[cemast@cpp.edu](mailto:cemast@cpp.edu)

Visit CEMaST Website for more information:

<https://www.cpp.edu/sci/cemast/>