

Fall - 16
Winter - 18
Spring - 17

Expected graduation date from college/graduate school? (only students graduating in 2023 or later are eligible) yyyy-mm-dd
2025-06-13

Major (Area of Study)
Civil Engineering

Proposed Occupation
Civil Engineer, Land Development

What is your cumulative GPA listed on your transcript? **Note:** Cumulative minimum requirement is a 3.0 GPA.
3.2

Attach a copy of your most recent transcript here. Be sure that all classes and cumulative GPA are clearly visible and dated within the last 6 months. The GPA listed on your transcript must match what was entered into the GPA field. If you do not provide your transcripts now, and you win a scholarship award, you will be required to provide your transcript before your check can be issued to you.

PDF	Download (2.6 MiB download)
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List the name of the previous school you attended.
Amador Valley High School

List the dates you attended. (i.e. 9/6/20 - 6/1/22)
8/7/17 - 6/1/21

Degree Received (i.e. general education, etc.)
High School Diploma

Please describe your financial needs in **detail**. Be sure to explain any financial obstacles or hardships and how this scholarship would impact your ability to pay for your education. We encourage you to detail tuition, living expenses, how you are planning to or currently paying for college, how many years you are attending, etc. This provides the scholarship committee with a full understanding of what your financial situation is.

Dear Scholarship Committee,

I am writing to apply for the scholarship as I am currently facing significant financial obstacles in paying for my education. I am pursuing a degree in Civil Engineering at Cal Poly SLO, and my yearly tuition fees are \$12,204 per year (\$4,068 per quarter, each for Fall, Winter, Spring), with an additional \$14,253 per year for required on-campus housing as a second year. I am currently receiving \$24,171 per year in federal loans and received \$5,742 in Cal Grants for 2022-2023, but it's not enough to cover all of my expenses. I am currently a second-year student with junior standing in my curriculum. I have plans to study abroad in Switzerland during my senior year during my fall quarter; study abroad through Cal Poly is a once in a lifetime opportunity that not many students are able to afford, however, through lots of planning, senior year is the most economically viable option for me; I am relying on scholarships to fuel my ambitions of traveling and studying Civil Engineering abroad. I plan to apply for Cal Poly's Blended Program, which helps graduates complete a Masters degree through an additional year at Cal Poly.

In addition to my financial struggles, my family has faced several unexpected challenges. For much of his life, my father has had a pacemaker to keep his heart functioning properly. My father was hospitalized from July to November 2022 due to

complications from a surgery related to his pacemaker. This medical emergency has significantly impacted our family in terms of time and money. During this period, my mother had to take care of my grandparents in Fremont, CA, while also taking care of my father, driving him to appointments and checkups around the Bay Area during his painful recovery, and supporting my sister's tuition who is currently attending college in Hawaii as a 5th year (graduating in June). This has put an immense strain on our family's finances, and we are struggling to keep up with the mounting costs.

As a full-time student with a rigorous course load, I do not have the time to work an on-campus or off-campus job to support my tuition costs. Additionally, my family is currently supporting me in paying for college, and the added medical expenses have put even more financial strain on us.

Moreover, I am not able to afford my car, and my family does not have enough cars for me to bring one to college. I mostly have to rely on biking, public transport, or grocery delivery to purchase food and groceries, which can be time-consuming or expensive options. The food pantry at Cal Poly is helpful, but it only supplements food needs.

If I were to receive this scholarship, it would significantly alleviate some of the financial burden I am currently facing and provide me with more time to focus on my studies. Additionally, the scholarship funds could help cover some of the living expenses I am currently struggling with, such as transportation and groceries, and provide some much-needed financial relief to me and my family.

Thank you for considering my application. I appreciate any assistance you can provide.

Cheers,
Ethan Apalis

Have you received, or do you plan on receiving any other sources of financial aid? ☒ Yes

List sources of other financial aid below. Cal Grant A, Federal Subsidized & Unsubsidized Loans

Are you currently in the military? ☐ No

Tell us about any additional commitments you have outside of school, such as hours at work, family, volunteer opportunities, extracurricular activities. How do you balance your time and resources?

I am also committed to being involved in extracurricular activities and organizations that are meaningful to me; one of these organizations is the Cal Poly Society of Civil Engineers. Being involved in this organization requires a significant time commitment, but I have learned how to balance my time and resources effectively. I prioritize my academic responsibilities first, and then allocate time for extracurricular activities. Using Outlook and Google Calendar, I make sure to plan ahead and communicate with my peers and colleagues to ensure that I am meeting all of my obligations.

Please attach your resume listing any work, volunteer, or extra curricular experiences here.

PDF

[Download \(311 KiB download\)](#)

Select 1 of the 4 essay questions. Why did you choose your school and/or vocation?

Essay Response #1 (**Do not include your name or company affiliation (if applicable) in your essay.** Be sure to directly address the question asked. Spelling, grammar, presentation count. Maximum of 750 words)

Choosing my school and vocation was a decision influenced by various factors. For me, it all started with my passion for engineering and my desire to pursue a career in civil engineering. I was always fascinated by the way things are built and the

way they work, so I knew from a young age that I wanted to be an engineer.

When it came time to choose a school, I knew I wanted to attend a college with a strong engineering program. After researching and visiting several schools, I chose Cal Poly San Luis Obispo. Cal Poly has a highly regarded engineering program, including civil engineering, which was my focus. I was impressed by the program's emphasis on hands-on learning and its focus on practical skills that are applicable to the real world. The "learn by doing" approach was exactly what I was looking for in an education, and I knew that it would prepare me well for a career in civil engineering.

The reputation of Cal Poly's civil engineering program also played a significant role in my decision. I knew that a degree from Cal Poly would be highly regarded by employers and would make me a desirable candidate in the job market. Additionally, the program has a great return on investment, which was important to me as I wanted to ensure that I was making a sound financial decision.

Another factor that influenced my decision was the location of the school. Cal Poly is located in San Luis Obispo, which is a beautiful area with a great climate and plenty of outdoor activities to enjoy. Being in Boy Scouts throughout my childhood and having parents that also loved the outdoors, I had a natural attraction to SLO knowing that I could continue to enjoy things like hiking and backpacking, mountain and road cycling, and exploring geologic places of interest around the central coast. I knew that I would be able to focus on my studies while also having opportunities to explore and enjoy the area.

In addition to the school itself, I was also drawn to the various opportunities for involvement and extracurricular activities at Cal Poly. I am an active member of the Cal Poly Society of Civil Engineers, which has provided me with opportunities to network with professionals in the industry, meet new friends, and gain additional hands-on experience.

Balancing my academic workload with my involvement in extracurricular activities and other commitments has been a challenge, but it has also been a great learning experience. Time management and prioritization have become essential skills for me, and I have learned how to effectively manage my time and resources to ensure that I am meeting all of my obligations.

Overall, I am confident that choosing Cal Poly and pursuing a career in civil engineering was the right decision for me. The program's emphasis on practical skills and real-world experience has provided me with a solid foundation for my future career, and the opportunities for involvement and extracurricular activities have helped me develop as a leader and a well-rounded individual.

Civil engineering has been an incredible avenue for me to explore my passion for building and improving the world around me. Through my coursework and practical experiences, I have been able to envision a future where I can continue to learn and chase my aspirations of understanding and improving the constructed environment. As a civil engineer, I have the ability to physically see the impact of my work on the world around me, whether my future entails designing a new bridge or developing a more efficient transportation system. It is incredibly satisfying to know that the work I do can have a tangible and lasting impact on the communities and infrastructure around me. Overall, civil engineering has given me the tools and knowledge to make a difference in the world and pursue my aspirations for a better future.

Select Your Second Essay Question. Where do you see yourself in 10 years? In 20 years?

Essay Response #2 (**Do not include your name or company affiliation (if applicable) in your essay.** Be sure to directly address the question asked. Spelling, grammar, presentation count. Maximum 750 words)

Looking ahead to the future, I see myself as a successful licensed civil engineer who has made a meaningful impact in my field. Within 10 years, I hope to have completed my education (study abroad in Switzerland during my senior fall quarter and 5th year Master's program at Cal Poly) and gained several years of experience working on a variety of engineering projects. I see myself working for a reputable engineering firm, where I can continue to learn and grow while contributing to the success of the company. By this time, I hope to have established a strong network of professional contacts and built a reputation for my technical expertise and leadership skills.

In addition to my professional accomplishments, I also see myself as a dedicated community member who gives back in meaningful ways. In 10 years, I hope to be actively involved in local organizations and volunteer efforts, using my skills and knowledge to make a positive impact on the world around me. Whether it's through mentoring younger students or participating in community service projects, I believe that giving back is an important part of being a successful and fulfilled

individual. I see myself continuing my involvement in the Pleasanton Lions Club service organization, which my parents have been involving my sister and I in since we were in middle school.

Looking even further ahead, I see myself in 20 years as a seasoned professional who has made a meaningful impact in the constructed environment around me. By this time, I hope to have advanced to a leadership position within my company. I see myself as a thoughtful leader in the field, with a deep understanding of the latest technologies and trends and a commitment to finding innovative solutions to complex engineering problems.

Aside from professional development, I value having a fulfilling personal life that revolves around family, balance, and adventure. I envision myself sharing my life with a supportive partner who shares my values and aspirations. Together, we will prioritize each other's personal and professional goals and work towards achieving them as a team. I plan to prioritize work-life balance and continue pursuing my passions for photography, cooking, geology and investing. I also want to travel to other countries, immerse myself in different cultures, see their architecture and infrastructure, and explore their mountains and landscapes.

As a second-generation immigrant who has spent my entire life in California, I have been fortunate to witness firsthand the tireless efforts of my parents and grandparents to secure a better future for their children and grandchildren. I am deeply grateful for their hard work and the sacrifices they made to provide us with opportunities that were not available to them. Their unwavering commitment to the long-term future has inspired me to set ambitious goals for myself and strive to make a lasting impact in my field. I'm always grateful that I was part of their plans when they were looking forward to 10 years, 20 years, and more in their own lives.

I believe that my story is not unique and resonates with many others across California and at UCON who have also benefited from the hard work and perseverance of previous generations. This shared experience has instilled in me a sense of responsibility to work hard, give back to my community, and help pave the way for future generations to achieve even greater success. I am confident that with the support of UCON and this scholarship, I can achieve my goals and make a meaningful contribution to society.

Overall, I see myself in 10 and 20 years as someone who is deeply committed to my profession and my community, but who also values personal relationships and a fulfilling family life. I believe that by staying true to my values of integrity, innovation, leadership, unity, teamwork, enthusiasm, trust, and care, I can achieve my goals and make a positive impact on the world around me.

Letter of Recommendation #1

PDF	Download (311 KiB download)
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Log in to unitedcontractors.awardsplatform.com to see complete application attachments.

A maximum of 105 units accepted from Community Colleges. Not all units appearing in units earned (UE) are necessarily applicable to the student's current degree program. If your record has non baccalaureate courses, please deduct those units from your UE totals.

Not all transfer work may be reflected and exact course equivalencies may not be displayed. Credit applied toward GED1 may not entirely satisfy this requirement. Please refer to your Degree Progress Report to confirm whether D1 has been satisfied.

☐ Additional Higher Education Credits

UGRD

INSTITUTION	TERM CREDITS APPLIED	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE POINTS	GPA
Las Positas College	Fall Quarter 2021	3.00	3.00	3.00	9.00	3.000
Las Positas College	Summer Quarter 2022	4.50	0.00	4.50	18.00	4.000
Total:		7.50	3.00	7.50	27.00	

☐ Test Credits

UGRD

TEST CREDIT	TERM CREDITS APPLIED	UNITS EARNED
Advanced Placement	Fall Quarter 2021	27

Any letter grades earned for Challenge Exams are viewable by clicking on Test Credits Detail.

Degrees Conferred

No information to display.

☐ Career Program Plans

Undergraduate (Active in Program)

Admitted in Fall Quarter 2021 as a First-Time Freshman

Bachelor of Science (2021-2022 Catalog)

Plan: 52CEBSU

Major: Civil Engineering - College of Engineering

Milestones:

Math & Quantitative Reasoning Placement

* At the time of Admission

GE B4 Eligible

Written/Communication Placement

* At the time of Admission

GE A2 Fulfilled

Math Placement Level

Eligible for Math 241, 244

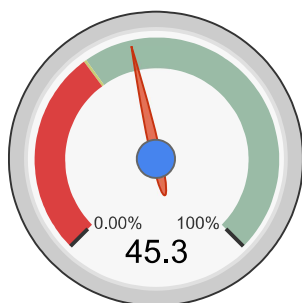
Graduation Writing Requirement

Eligible / Required

Individualized Change of Major Agreements (ICMA)

No information to display.

☐ Academic Progress



Your Academic Progress is based on your course requirements only.

Expected Academic Progress (EAP): **36.7%**

Actual Academic Progress: **45.3%**

Academic Progress: **ON TRACK**

Academic Standing: **GOOD**

Data last analyzed on 01/27/2023.

The gauge will be updated again by the end of the 4th week in Spring Quarter 2023.

[Frequently Asked Questions](#)

☐ Enrollment Summary (Unofficial)

UGRD

TERM	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE POINTS	GPA	POINTS DEFICIENT	ACAD STND	DEAN'S LIST
Fall Quarter 2021	18.00	18.00	16.00	57.60	3.600			Y
Winter Quarter 2022	16.00	16.00	16.00	50.80	3.175			
Spring Quarter 2022	13.00	13.00	13.00	42.10	3.238			
Fall Quarter 2022	15.00	14.00	14.00	37.30	2.664			
Winter Quarter 2023	18.00	18.00	18.00	56.90	3.161			
Spring Quarter 2023	17.00	0.00	0.00	0.00	0.000			
CPSLO Cumulative:	80.00	79.00	77.00	244.70	3.178	<i>Through the end of Winter Quarter 2023</i>		
Higher Ed Cumulative:	87.50	109.00	84.50	271.70	3.215			

[GPA Calculator](#)

☐ Enrollment History (Unofficial)

Fall Quarter 2021

UGRD, Freshman

SUBJECT	TITLE	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE	GRADE POINTS	GPA
BRAE-239-03	Engineering Surveying	4.00	4.00	4.00	A	16.00	
CE-111-01	Intro to Civil Engineering	1.00	1.00	0.00	CR	0.00	
ECON-222-01	Macroeconomics	4.00	4.00	4.00	A-	14.80	
ES-256-01	Intro Asian American Studies	4.00	4.00	4.00	A	16.00	
MATH-141-14	Calculus I	4.00	4.00	4.00	B-	10.80	
MATH-151-03	Calculus Workshop I	1.00	1.00	0.00	CR	0.00	

Term Total:	18.00	18.00	16.00	57.60	3.600
CPSLO Total:	18.00	18.00	16.00	57.60	3.600
Higher Ed Total:	21.00	48.00	19.00	66.60	3.505

**** Dean's List ****

Winter Quarter 2022

UGRD, Sophomore

SUBJECT	TITLE	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE	GRADE POINTS	GPA
CE-112-01	Design Principles in Civil Eng	2.00	2.00	2.00	A	8.00	
CE-113-02	Computer Aided Drafting in CE	2.00	2.00	2.00	A	8.00	
CHEM-124-31	Gen Chem: Phys Sci & Engr I	4.00	4.00	4.00	B	12.00	
MATH-142-03	Calculus II	4.00	4.00	4.00	B	12.00	
PHYS-141-06	General Physics IA	4.00	4.00	4.00	B-	10.80	
Term Total:		16.00	16.00	16.00		50.80	3.175
CPSLO Total:		34.00	34.00	32.00		108.40	3.388
Higher Ed Total:		37.00	64.00	35.00		117.40	3.354

Spring Quarter 2022

UGRD, Sophomore

SUBJECT	TITLE	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE	GRADE POINTS	GPA
CE-222-02	Intro Experiments in Tran Eng	1.00	1.00	1.00	B+	3.30	
CHEM-125-51	Gen Chem: Phys Sci & Engr II	4.00	4.00	4.00	A-	14.80	
MATH-143-14	Calculus III	4.00	4.00	4.00	C+	9.20	
PHYS-132-14	General Physics II	4.00	4.00	4.00	A-	14.80	
Term Total:		13.00	13.00	13.00		42.10	3.238
CPSLO Total:		47.00	47.00	45.00		150.50	3.344
Higher Ed Total:		50.00	77.00	48.00		159.50	3.323

Fall Quarter 2022

UGRD, Sophomore

SUBJECT	TITLE	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE	GRADE POINTS	GPA
GEOL-201-03	Physical Geology	3.00	3.00	3.00	A-	11.10	
MATH-241-10	Calculus IV	4.00	4.00	4.00	C	8.00	
MATH-251-01	Calculus Workshop IV	1.00	0.00	0.00	NC	0.00	
ME-211-09	Engineering Statics	3.00	3.00	3.00	B	9.00	
PHYS-143-50	General Physics III	4.00	4.00	4.00	C+	9.20	
Term Total:		15.00	14.00	14.00		37.30	2.664

CPSLO Total:	62.00	61.00	59.00	187.80	3.183
Higher Ed Total:	69.50	91.00	66.50	214.80	3.230

Winter Quarter 2023

UGRD, Junior

SUBJECT	TITLE	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE	GRADE POINTS	GPA
BIO-213-02	Life Science for Engineers	2.00	2.00	2.00	B	6.00	
BMED-213-71	Bioengineering Fundamentals	2.00	2.00	2.00	A	8.00	
CE-204-01	Mechanics of Materials I	3.00	3.00	3.00	A	12.00	
MATE-210-08	Materials Engineering	3.00	3.00	3.00	A- (RD)	11.10	
MATE-215-14	Materials Laboratory I	1.00	1.00	1.00	A	4.00	
MATH-244-08	Linear Analysis I	4.00	4.00	4.00	C-	6.80	
ME-212-14	Engineering Dynamics	3.00	3.00	3.00	B	9.00	
Term Total:		18.00	18.00	18.00		56.90	3.161
CPSLO Total:		80.00	79.00	77.00		244.70	3.178
Higher Ed Total:		87.50	109.00	84.50		271.70	3.215

() previous grades for terms Fall 2006 and after

Spring Quarter 2023

UGRD, Junior

SUBJECT	TITLE	UNITS ATT	UNITS EARNED	UNITS GRADED	GRADE	GRADE POINTS	GPA
CE-207-03	Mechanics of Materials II	2.00	2.00	2.00		0.00	
CE-251-03	Programming Apps: Engineering	2.00	2.00	2.00		0.00	
CE-259-01	Civil Engineering Materials	2.00	2.00	2.00		0.00	
ENVE-331-01	Fundamentals Environ Eng	4.00	4.00	4.00		0.00	
HIST-202-84	U.S. History Since 1865	4.00	4.00	4.00		0.00	
ME-341-01	Fluid Mechanics I	3.00	3.00	3.00		0.00	
Term Total:		17.00	0.00	0.00		0.00	0.000
CPSLO Total:		97.00	79.00	77.00		244.70	3.178
Higher Ed Total:		104.50	109.00	84.50		271.70	3.215

Planned Courses

Plan last accessed on 28-MAR-23

Degree Planner Compliance Status - Fall Quarter 2023 Registration

✓ **COMPLIANT** : Login Requirement

Required window: 01/24/2023 - 04/12/2023

Last login: 03/28/2023

* Above data refreshes nightly, until 04/12/2023

[Degree Planner FAQs](#)

☐ **Winter Quarter 2024 (5 Courses)**

- ⊕ **CE 336. Water Resources Engineering.**
- ⊕ **CE 337. Hydraulics Laboratory.**
- ⊕ **CE 352. Structural Engineering.**
- ⊕ **CE 381. Geotechnical Engineering.**
- ⊕ **CE 382. Geotechnical Engineering Laboratory.**

☐ **Spring Quarter 2024 (3 Courses)**

- ⊕ **CE 321. Fundamentals of Transportation Engineering.**
- ⊕ **CE 322. Fundamentals of Transportation Engineering Laboratory.**
- ⊕ **STAT 312. Statistical Methods for Engineers.**

☐ **Fall Quarter 2024 (2 Courses)**

- ⊕ **CE 355. Reinforced Concrete Design.**
- ⊕ **CE 465. Civil Engineering Professional Practice.**

☐ **Winter Quarter 2025 (1 Courses)**

- ⊕ **CE 466. Senior Design Project I.**

☐ **Spring Quarter 2025 (1 Courses)**

- ⊕ **CE 467. Senior Design Project II.**

Data last refreshed from Degree Planner on 17-APR-23.

PERSONAL AND CONFIDENTIAL STUDENT DATA:

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The report is intended for the requested purposes only.

Printed by: [REDACTED] on 04/18/2023 10:27 pm

I'm a second-year Cal Poly student pursuing a bachelor's degree in Civil Engineering, aiming to better understand the constructed environment around us. I'm seeking opportunities that will allow me to develop my passion in the field of civil engineering. Specific fields of interest include geotechnical, surveying and land development, and transportation disciplines.

Education

California Polytechnic State University, San Luis Obispo (Cal Poly SLO)

Pursuing Bachelor of Science, Civil Engineering

Sophomore • GPA: 3.2, Dean's List 2021

EXPECTED: JUNE 2025

Relevant Coursework

Engineering Surveying • Materials Engineering (MATE 210, 215) • Statics & Dynamics • Mechanics of Materials I • AutoCAD in Civil Engineering • Design Principles in Civil Engineering • Intro Experiments in Transportation Engineering • Physical Geology

Experience

Internship, Engineer Assistant, BKF Engineers

JUNE - AUG 2022, JUNE - AUG 2023

- Walnut Creek, CA
- Land Development: Plan set production, drafting exhibits, submittal review, site location research, on-site construction support
- AutoCAD Civil 3D, Bluebeam Revu

Internship, Go Green Initiative

JUNE - SEPT 2019

- Analyzed energy usage portfolios of schools in the Pleasanton School District
- Compiled a comprehensive record of possible loss sources & solutions

Website Designer & Developer, AVBotz.com, Avengineers.org

AUG 2017 - AUG 2021

Computer Applications

AutoCAD Civil 3D • Microsoft Office (Excel, Word, PowerPoint, Outlook), 100 WPM • Bluebeam Revu • Google Maps & Earth Pro • Inventor • Revit (basic) • Digital Photography, GIMP, Adobe Photoshop

Involvement

American Society of Civil Engineers, Cal Poly

FALL 2021 - PRESENT

- General Member + Cal Poly Concrete Canoe

Eagle Scout, Scouts BSA

MAY 2021