This position is being filled at either the Mechanical Engineer or Senior Mechanical Engineer level. Applicants are encouraged to apply to both job postings.

**Salary Range:**

**Mechanical Engineer** - $73,700 - $130,000 / Annually.  
Salary commensurate with skills, qualifications and experience.

**Senior Mechanical Engineer** - $90,400 - $155,000 / Annually.  
Salary commensurate with skills, qualifications and experience.

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**UC Santa Cruz strives** to embrace diversity in all its forms; it strives to be an inclusive community that fosters an open, enlightened & productive environment.

The University of California Observatories (UCO) is a Multi-Campus Research Unit of the University of California, with headquarters at the UC Santa Cruz campus. UCO operates on behalf of astronomers on eight UC campuses and two national laboratories and comprises extensive technical facilities, a business office, and telescope and support facilities at the Lick Observatory on Mount Hamilton. UCO provides UC’s scientific, technical, and administrative interface to the Keck Observatory on Mauna Kea, Hawaii, and the Thirty Meter Telescope international project. It also supports training of astronomy Ph.D.’s and post-docs throughout the UC system, and in TMT’s partner nations.

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**Mechanical Engineer Job Summary:**

The University of California Observatories (UCO) **Mechanical Engineer** will work under general supervision on research instrumentation, designing and building the next generation of ground-breaking instruments for astronomy on some of the world’s largest telescopes. The UCO mechanical engineering group works on a range of technical challenges on one of a kind projects: precision motion control, alignment of large, powerful optics, vacuum-cryogenic systems and more. We are looking for mechanical engineers who are enthusiastic about hands-on work and enjoy all phases of a project: concept design, FEA, manufacturing, assembly and alignment, and testing.

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We welcome applications from mechanical engineers with any level of experience who want to work in an academic environment on a variety of projects and who are excited about the engineering challenges of research instrumentation.
Mechanical Engineer or Senior Mechanical Engineer

https://www.ucobservatories.org/

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Salary Range:
Mechanical Engineer - $73,700 - $130,000 / Annually.
Salary commensurate with skills, qualifications and experience.
Senior Mechanical Engineer - $90,400 - $155,000 / Annually.
Salary commensurate with skills, qualifications and experience.

We hope you are inspired by what we do and are excited to contribute to our mission. We are looking for candidates who do great work, and we hope they come from a number of different backgrounds and experiences.

We encourage you to apply even if you do not believe you meet every one of the qualifications for the position but may have transferable skills and experiences.

Position(s) are open until filled. Initial Review Date: 11-03-2021

APPLICANTS ARE REQUIRED TO APPLY THROUGH THE US SANTA CRUZ WEBSITE.
You can view the complete job description and access the on-line application at:

https://www.ucobsavatories.org/apply/Mechanical Engineer 25285 / Senior Mechanical Engineer 25286

To ensure review of application materials by the hiring unit, your application must be submitted
ON OR BEFORE the initial review date (IRD)
via the Staff Employment Opportunities web site at https://jobs.ucsc.edu.

To learn more or to request disability accommodations, call 831-459-2009.
Hearing impaired are encouraged to use the California Relay Service at 800-735-2922.

Image of the whole KIDM detector subsystem here in the lab at UCO

Senior Mechanical Engineer Job Summary:
The University of California Observatories
Senior Mechanical Engineer will work on research instrumentation, designing and building the next generation of ground-breaking instruments for astronomy on some of the world’s largest telescopes. The UCO mechanical engineering group works on a range of technical challenges on one of a kind projects: precision motion control, alignment of large, powerful optics, vacuum-cryogenic systems and more. We are looking for mechanical engineers who are enthusiastic about hands-on work and enjoy all phases of a project: concept design, FEA, systems engineering, manufacturing, assembly and alignment, and testing. This position would include opportunities to travel to telescope sites for instrument integration and test prior to science commissioning.