

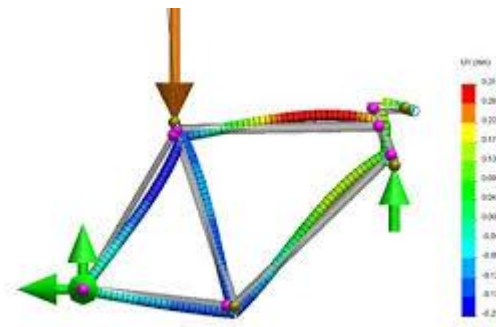
Senior Design Project Emphasis

Teamwork



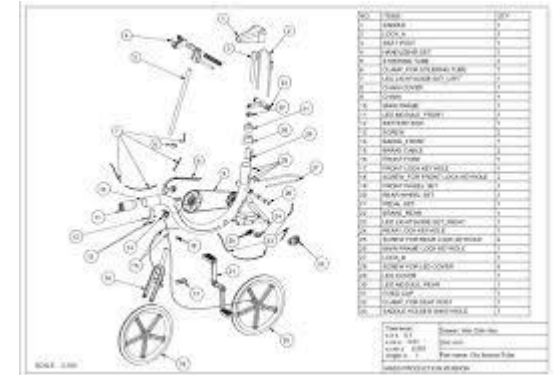
- Unified commitment to a goal
- Problem solving dynamics
- Adaptability/flexibility to changes
- Collaboration and conflict resolution
- Trust and Respect
- Ethical Agreement

Integration of Analytical and Design Skills



- Science
- Research
- Engineering fundamentals
- Connect to courses
- Design principles
- Design application





Engineering Communication



- Project planning
- Documentation
- Configuration management
- Presentations

Senior Design Project Categories



Design Competitions	Research	Industry/Product	Student Innovations
<p>Contests providing real-world design experience giving students the opportunity to validate their analytic studies.</p>	<p>Impactful research opportunities funded by the university and other prominent foundations.</p>	<p>Company/individual sponsored projects providing students with opportunities to solve product development challenges.</p>	<p>Opportunities to turn student innovations from concepts to fully fleshed designs.</p>
 <p>SAE INTERNATIONAL.</p> <p>AIAA Shaping the Future of Aerospace</p>	 <p>NSF</p> <p>UC Irvine 50 1965 2015 Bright Past. Brilliant Future.</p>	 <p>BOEING</p> <p>MATTEL</p>	

Faculty supervision and approval is required for all senior projects.

Signing Up For A Project



Available Projects

- Review available projects at ucimaeproject.com > students > available projects*
- Ensure requirements are met
- Request add code

Creating a New Project

- Create project description
- Recruit faculty
- Faculty adds project to schedule of classes
- Request add code

* Check the page periodically for updates as new projects may become available.

Where To Get More Information



- Preview past projects at <http://ucimaeprojects.com>
- Register at <http://ucimaeprojects.com/students> to access SDP Student Handbook
- Attend Retrospective Peer Reviews this week. SDP teams reflect on their projects and talk about what went well, what could have been done differently, and the lessons learned. Come by EG3161 anytime on the dates/times listed:
 - May 11th: 9:00am – 12:00pm, 1:30pm – 4:30pm
 - May 12th: 9:00am – 12:00pm, 1:30pm – 4:30pm

Timeline



Activity	Date(s)	Location
Register with ucimaeprojects.com	ASAP	ucimaeprojects.com/registration
Available projects on ucimaeprojects.com	May 10	ucimaeprojects.com/available-projects
Retrospective Peer Reviews	May 11-12	EG3161
Determine project to join	May 11 – September 28	Contact advisor for add code for UCI WebReg
First lecture for senior design projects	October 12	Time and Location TBD. Check ucimaeprojects.com/events