



# AVID 1 FINAL

---

*By: Angel Carrillo*



# UC Irvine

Home of the  
Anteaters



# WHY I WANT TO GO TO UCI

---

- ❖ I've been to UCI twice and I really liked the school.
- ❖ UCI has the major I would like.
- ❖ UCI is a local University and not too far from home.
- ❖ Seems like a great university to go to.





# TWO MAJORS IN WOULD LIKE

---

❖ One major I would like is mechanical  
engineering

- I want this major because I want to learn how to build things and wire them

❖ Another major I would like is psychology.

- I want this major because the way people behave is interesting.



# REQUIREMENTS FOR UCI

---

- ❖ SAT reasoning test and two SAT subject tests
- ❖ Evidence of intellectual or creative achievement or substantial public service

## REQUIREMENTS CONTINUED

❖ Special talents, achievements, and awards in a particular field, such as in the visual and performing arts or in athletic endeavors; special interests, such as intensive study and exploration of other cultures; experiences that demonstrate unusual promise for leadership, such as significant community service or significant participation in student government; or other significant experiences or achievements that demonstrate the applicant's promise for contributing to the intellectual vitality of a campus

**And More!!**





# INFORMATION/PLAN/POST COLLEGE

- ❖ UCI does offer my major.
- ❖ The requirements for the major as a PhD are 6 technical non-research courses beyond M.S. degree requirements.
- ❖ The math requirement for Mechanical engineering is Calculus.



## INFORMATION/PLAN/POST COLLEGE CONTINUED

- ❖ The greatest GPA required for mechanical engineering is about 3.6
- ❖ UCI offers tutoring





## B.A. AND B.S.

---

❖ B.A. is an undergraduate program that has you participate in certain classes

❖ B.S. is a 4 year undergraduate program that focuses on the following: Engineering, Computer Science, Mathematics, and Natural Science.

# MECHANICAL ENGINEERING

- ❖ Mechanical Engineering allows both B.A. and B.S.
- ❖ B.A. requires less and is less intense.
- B.S. requires more and is more intense to prepare for higher education in this major.



# COURSES AND ELECTIVES

---

## Electives

- ❖ MEM advanced fundamental courses
- ❖ MEM electives
- ❖ COE electives
- ❖ Math/science electives
- ❖ Free electives





# MECHANICAL REQUIREMENTS

- ✓ MEM 201 Fundamentals of Computer Aided Design
- ✓ MEM 202 Engineering Mechanics: Statics
- ✓ MEM 220 Basic Fluid Mechanics
- ✓ MEM 230 Mechanics of Materials I
- ✓ MEM 238 Engineering Mechanics: Dynamics
- ✓ MEM 255 Introduction to Controls
- ✓ MEM 310 Thermodynamic Analysis I
- ✓ MEM 311 Thermal Fluid Science Laboratory
- ✓ MEM 331 Experimental Mechanics Laboratory
- ✓ MEM 351 Dynamic Systems Laboratory



## MECHANICAL REQUIREMENTS CONTINUED

---

- ✓ MEM 345      Heat Transfer
- ✓ MEM 355      Performance Enhancement of Dynamic Systems
- ✓ MEM 361      Engineering Reliability
- ✓ MEM 435      Introduction to CAD/CAM
- ✓ MEM 491      Senior Design I
- ✓ MEM 492      Senior Design II
- ✓ MEM 493      Senior Design III

# ENGINEERING REQUIREMENTS

- ✓ ENGR 201 Evaluation and Presentation of Experimental Data
- ✓ ENGR 202 Evaluation and Presentation of Experimental Data II
- ✓ ENGR 210 Introduction to Thermodynamics
- ✓ ENGR 231 Linear Engineering Systems
- ✓ ENGR 232 Dynamic Engineering Systems

AND A LOT  
MORE



# WHAT I WILL DO WITH MY DEGREE

❖ What I want to do with my degree is prove that I earned it and get a successful high paying job.



# MECHANICAL ENGINEERING SALARY

❖ The annual salary  
for a mechanical  
engineer in  
California is \$85,000.





# JOB OPPORTUNITIES

---

❖ GMEP Job Opportunity is a group that hires mechanical engineers to work while still finishing school.

❖ Hyundai-Kia America Technical Center Inc. also offers summer internships.



# UCI TUITION

## ESTIMATED BUDGETS FOR 2011-12 Undergraduate Students

*For nonresidents of California, add \$22,878\* Nonresident Tuition and Fees to the costs below.*

	Living at Home	Living on Campus	Living Off-Campus (Including Vista Del Campo, Vista Del Campo Norte and Camino del Sol)
Books and Supplies	\$1,553.00	\$1,553.00	\$1,553.00
Room and Board	\$4,386.00	\$11,611.00	\$9,541.00
Personal	\$1,668.00	\$1,338.00	\$1,688.00
Transportation	\$1,776.00	\$953.00	\$1,956.00
Subtotal	\$9,383.00	\$15,455.00	\$14,738.00
Systemwide Fees	\$11,124.00	\$11,124.00	\$11,124.00
Campus Fees	\$1,778.00	\$1,778.00	\$1,778.00
<u>Total Fees*</u>	\$12,902.00	\$12,902.00	\$12,902.00
<b>Total</b>	<b>\$22,285.00</b>	<b>\$28,357.00</b>	<b>\$27,640.00</b>

# THE DIFFERENCE BETWEEN LOANS AND GRANTS

## Loans

❖ Loans have to  
be repaid with  
interest

## Grants

❖ Grants do not  
have to be repaid





# WHERE TO FIND FINANCIAL AID

---

❖ [www.finaid.org](http://www.finaid.org)

❖ [www.finaidfacts.org](http://www.finaidfacts.org)

❖ There are many other sites where you can find out about financial aid.

❖ There are also financial aid offices in many schools.



# HOW OFTEN YOU HAVE TO APPLY FOR FINANCIAL AID

❖ For financial aid you only need to apply  
for each academic year.





# MY LIVING SPACE

---

- ❖ I would like to live on the university campus.
- ❖ My living on campus will cost around \$11,611.00.
- ❖ The rest of my living expenses will ,according to statistics, even up to be about \$28,357.00 if I end up living on campus.



# JOBS AVAILABLE FOR A STUDENT

---

- ❖ One of the jobs available for students are common jobs at restaurants or food markets.
- ❖ There are also internships available.
- ❖ Some places allow a part time job while finishing school.





# UCI CLUBS

- ❖ 100 Black College Women of UCI [CCC]
- ❖ A.B.C. (Anteater Book Club ABC)
- ❖ Accounting Association
- ❖ Acrobatics Everyday
- ❖ Active Minds at UCI
- ❖ Afghanistan Development Project (ADP) [CSA, CCC]
- ❖ African Black Coalition [CCC]
- ❖ And many more.

# COURSE COVERAGE

- ❖ Some of the courses I am taking such as the computer science classes cover my second major. Computer Programing.
- ❖ For transfer of majors the UC-transferable units go toward what you are transferring to as well



# WHAT I HAVE LEARNED

---

- ❖ I have learned how to transfer majors and how expensive my tuition and housing will be.
- ❖ I also learned about housing and class requirements.
- ❖ Finally I learned the difference between many of the college terms.



# ACTIVITIES



UCI  
BOARD CLUB

# BIBLIOGRAPHY

- ❖ <http://www.drexel.edu/catalog/DEGREE/mech.htm>
- ❖ <http://www.uci.edu/>
- ❖ <http://www.google.com/>