

[Announcements]

- Today – Tools for success

Next Week

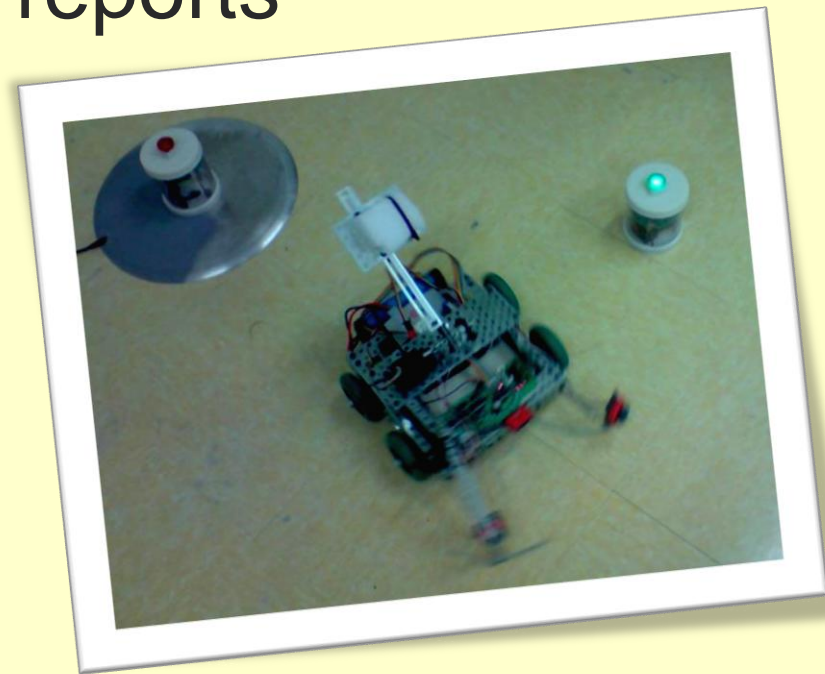
- Monday – Review for final exam

Get your Refund

- Be sure to turn your clicker in during lab

[Announcements]

- We are on the home stretch – be preparing your robot reports
- Read the report guidelines carefully & proofread your reports



[Announcements]

Two new quizzes in D2L

- Extra credit quiz – engineering perceptions
- Quiz to review for final exam

Last SVLS

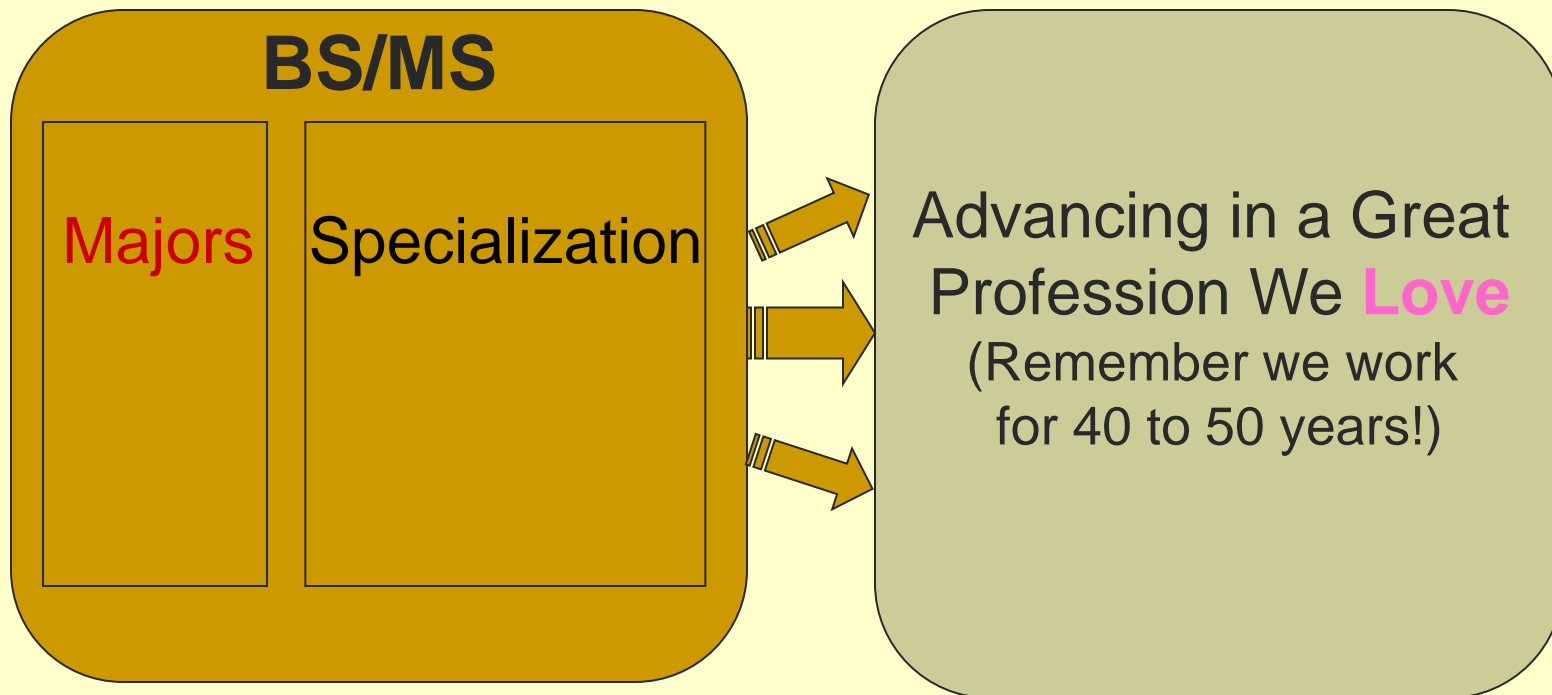
- This Thursday (Dec 6) – Nora Denzel
– Executive VP Intuit

Maximizing Your Academic Experience for Professional Success

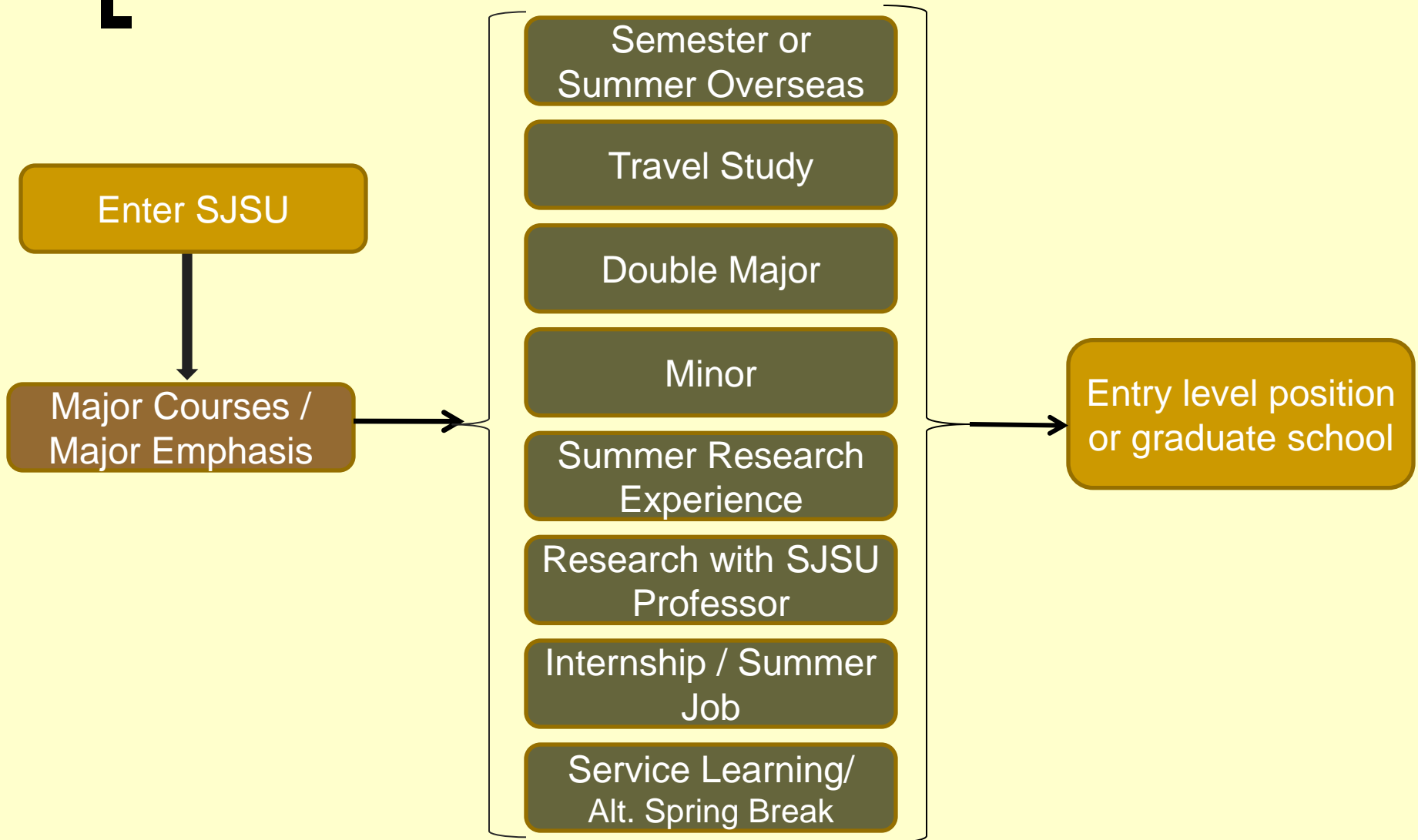
ENGR 10
Fall 2012



Where Do We Want to Be 5 Years From Now?



Many Paths – Be INTENTIONAL



[First Step – Academic Success]

- Means something different to each student
- Each student – personal strategies
- The #1 goal of the university
- To achieve success – you have to **WANT IT** - it doesn't just happen



[Personal Strategies]

- Form groups of at least 5
- Discuss these two questions
 - What is the best thing I have done at SJSU to help me succeed
 - What is the least effective (dumbest?) thing I have done in terms of my academic or professional success



Get Involved
Organization

Study w/ Peers

Meet w/ Profs

Study Skills

Ethics

Seek Advice

Manage Time

Balance Work

Seek Help

Ask Questions

Set Goals

Listening

Academic
Success

Study Abroad or Travel Study

Global Technology Initiative

A One-million-dollar Endowment at SJSU's
Charles W. Davidson College of Engineering
Expand your horizons



GTI
Global Technology Initiative

GTI GOES TO CHINA 2012

GTI2012CHINA@GMAIL.COM



Study Abroad Office
Clark Hall, Room 543

SJSU Faculty-Led Overseas Programs (FLP)

[SJSU Eligibility Requirements](#)
[Tentative Calendar](#)
[Application Process](#)
[Contact Information](#)

"Attention all Nursing students- Info sessions for FLP Nursing programs!"
[Click for detailed info](#)

Programs for Summer 2012

Program Name	Department	Location	Faculty/Program Leader	Contact
Rainforests & Great Barrier Reef of Australia	Biological Sciences	Australia	Shannon Bros-Seeman	Shannon.bros@sjsu.edu
Exploring Pediatric Care in Belize	Nursing	Belize	Ruth K. Rosenblum	Ruth.Rosenblum@sjsu.edu
Communication & Tourism	Communication Studies	China	Andrew Wood	Andrew.wood@sjsu.edu
Counselor Education in Costa Rica	Counselor Education	Costa Rica	Jason Laker Dolores Mena	Jason.Laker@sjsu.edu Dolores.mena@sjsu.edu
Evolution of Revolution	Journalism & Mass Communication	Cuba	Michael Cheers	Duane.cheers@sjsu.edu
A River Runs Through It: The Food, Culture and Commerce of the Dordogne Region in Southwestern France	Biological Sciences	France	Elizabeth McGee Arnaud Bergerol	Elizabeth.Mcgee@sjsu.edu
Special Topics in Emerging Economies: A Case Study in India	Business	India	Mahesh Rajan	Mahesh.rajan@sjsu.edu
Study Abroad in Ireland: Dublin, Sligo, and Galway	Nursing	Ireland	Tamara McKinnon Peggy Mayer	Thm4@cruzio.com peggy.mayer@sjsu.edu

[Research Experiences]

- Summer Research Experiences for Undergraduates (REU)
- 10 weeks at another university
- Working with faculty and grad students
- Working on real project
- Get paid (\$5000 to \$7000)
- Applications due December - February



Research Experience for Undergraduates (REU)

The Renewable Energy MRSEC program invites exceptional undergraduate math, science, and engineering students to participate in a ten-week summer research program addressing fundamental materials issues related to the science and technology of renewable energy while nurturing a greater sensitivity of our place and role in the world in which we live. This highly interdisciplinary program focuses on multiple areas that are open to all materials science, engineering, physics, chemistry, mathematics, chemical engineering and computer science undergraduate majors.

JOIN US

REU provides students an interactive, encouraging, and multi-level research experience to draw upon when making decisions about advanced education and future careers in renewable energy.

Click below for REU Brochures and Application Materials.

- [REU Brochure](#)
- [REU Brochure short](#)
- [On-line Application Link](#)
- [Letters of Recommendation](#)
- [Instructions](#)

[View this Opportunity's Website](#)

Finding O

http://www.pathways

Program Info

Contacts

Photos

News & Events



Computer Science and Software Engineering Samuel Ginn College of Engineering

STUDENTS

PROSPECTIVE STUDENTS

ALUMNI/FRIENDS

FACULTY/STAFF

BUSINESS AND GOVERNMENT

VISITORS

Samuel Ginn College of Engineering

Up to Research and Outreach

Research Experience for Undergraduates (REU) in Smart UAVs

Application

Frequently Asked Questions

Directors and Faculty Mentors

College of Engineering

NSF Research Experiences for Undergraduates (REU) on Smart UAVs

Overview



The Research Experience for Undergraduates (REU) on Smart Unmanned Aerial Vehicles (UAVs) is a National Science Foundation (NSF) and Department of Defense (DoD) funded research program at Auburn University. There are nine to twelve positions for the 8-week program. The undergraduate research assistants are initiated to research under the guidance of faculty from Computer Science and Aerospace Engineering. The research assistants collaborate with their



advisers and are expected to contribute to unmanned flying. Major objectives are to promote interests in UAVs and develop the research skills of the students. Women, minorities, and students from "undergraduate" institutions are especially encouraged to apply.

With computing getting so inexpensive and so lightweight, we can equip unmanned aerial vehicles with enough intelligence to autonomously and efficiently fly to perform missions too "dull, dirty, or dangerous" for manned aircraft. Besides military applications, a growing number of civil applications such as search and rescue, firefighting, or pipeline surveillance/inspection.

The REU students will in a first phase contribute to **autonomously** fly six to twelve UAVs in a limited air space to fulfill different kinds of missions.

Goals of the REU Site:

- » Increase the number of future professionals in the areas of unmanned flight.
- » Develop students' ability to apply computer and information-based technologies to real world

Participating Institution(s):

(Click an institution to see all programs it hosts)

Auburn University

1. Browse all Summer Research program

2. Browse by Institution, Usergroup, and/or Discipline

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research opportunities for undergraduate students. The programs usually consist of a

Summer Jobs & Internships

» SJSU HOME » MySJSU » NEWS » EVENTS » DIRECTORY SEARCH GO

San José State University
CAREER CENTER

[Home/Students](#) [Employers](#) [Faculty/Staff](#) [WorkAbilityIV](#) [Alumni/Community](#) [Parents](#) [About Us](#) [Search](#)

Job Title ▼	ID	Employer ▼	Location	Position Ty
Client Relationship Intern	42815	True Partners Consulting	San Jose, California	Internship/Cc
Marketing-Advertising Intern	42880	HFIS, Inc.	San Jose, California	Internship/Cc
Office Services	42879	Morgan, Franich, Fredkin & Marsh	San Jose, California	Part Time
Optical and Electronic Characterization Technician	42870	Soladigm, Inc.	Milpitas, California	Full Time
Pre-K Teacher	42873	Saratoga Parent Nursery School	Saratoga, California	Part Time
Product Manager, Mexico	42883	Acer America Corporation	San Jose, California	Full Time
Program Officer/Manager (Early Childhood Mental Health Clinic) <small>Health Child Services</small>	42890	FIRST 5 Santa Clara County	San Jose, California	Full Time
So			California	Internship/Cc

Check SpartaJobs First!
SpartaJobs is SJSU's central source for jobs (full-time, part-time), careers, internships, volunteer opportunities and even scholarships. Login or register today

[We've Moved!](#) [Grad Blast Event!](#) [SpartaJobs](#)

Resources



[SpartaJobs](#)

Full-time, part-time jobs, internships and more. Login or register here: [STUDENTS](#) [EMPLOYERS](#)



[Event Calendar](#)

View Career Center events coming up this week, this month, or this semester [Programming & Weekly Office Hours](#)



[SJSU Salary Survey](#)

Got a job or internship? Participate in SJSU's salary survey. [View last year's results](#)

Start here: SpartaLinks.....

Explore your future → **Experience** your field → **Launch** your career

Self Assessment <ul style="list-style-type: none">Personality MosaicWork ValuesONET Skills Search Majors / Careers Tutorial <p>What can I do with my major?</p>	Internships <ul style="list-style-type: none">Internship FAQ'sInternship ChecklistInternship VideosResourcesSuccess Stories	About SpartaJobs <ul style="list-style-type: none">Job SearchResumesCover LettersNetworkingInterviewing
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Online Tools

- [Resume Toolkit](#)
- [Resume Workshop](#)
- [Perfect Interview](#)
- [Job Fair Success](#)
- [Internship Videos](#)
- [Employer Videos](#)

[Study Skills]

- Master the material from last class before the next one
- Prepare for your lectures (and labs)
- Sit near the front
- “Be there” (not doing email, watching a movie, or reading a book)
- Ask questions
- Take notes

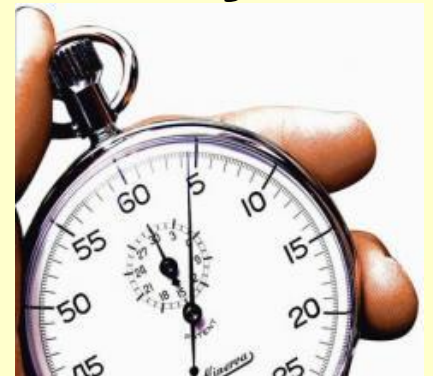
Time can be
put to good use or wasted

People who accomplish a great deal

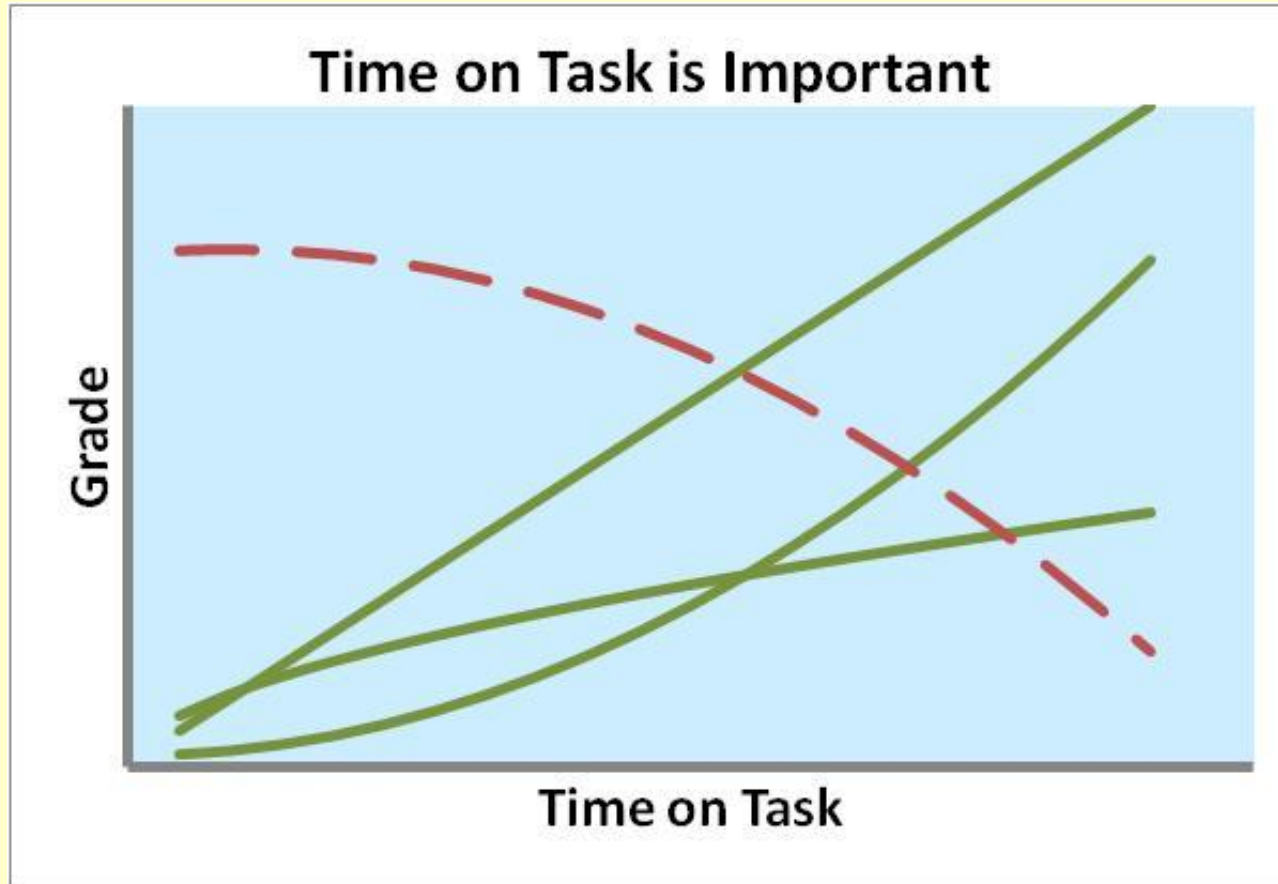
1. Place a high value on their time
2. Have a system for scheduling and managing their time

Schedule time (and a place) to study

- Plan what you want to study
- Include breaks



[Make School a Priority]



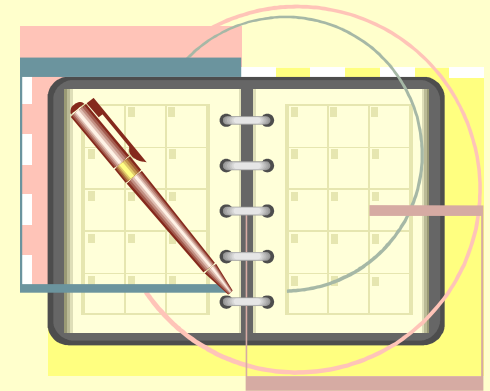
Manage Your Time

- Make a weekly schedule

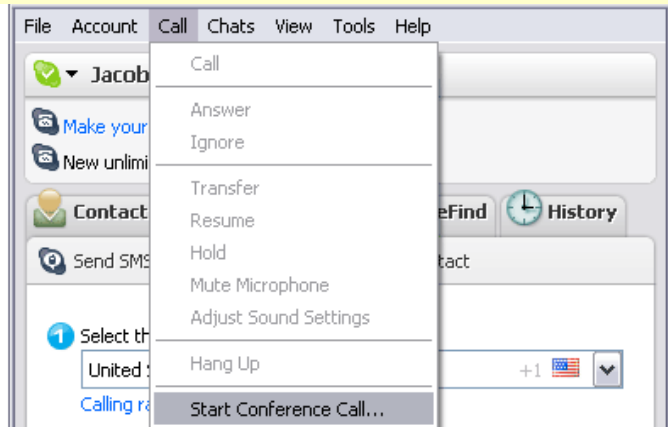
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8-9	study	class	Final project	class	study	work	sleep in
9-10	study	class	Final project	class	study	work	
10-11	commute	Advising appt.	commute	Meet Joe for coffee		work	
11-12	class	club meet	class	basket ball		work	
...	class						

[Planning]

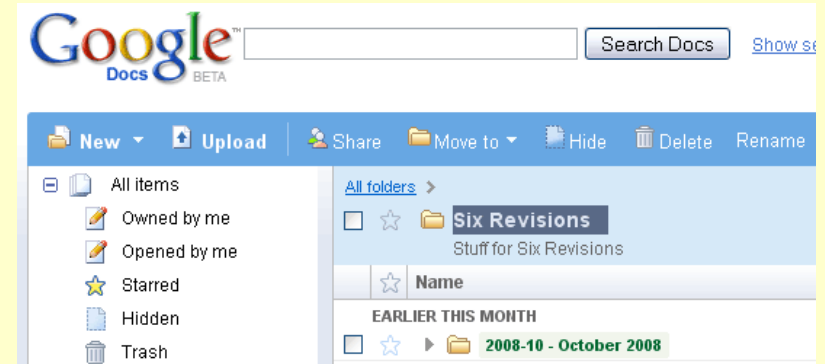
- Long term
 - Keep a calendar with due deadlines, important dates, appointments, activities, meetings
- Daily
 - Make “To Do” lists
 - Prioritize items on the list



Collaborate w/ Other Students



Skype



Google Docs

15 Free Tools for Web-based Collaboration

See <http://sixrevisions.com/tools/15-free-tools-for-web-based-collaboration/>



Dropbox

Vyew



Make use of resources in the College of Engineering

Engineering Student Success Center (E344)



Career Coaching Services

*Walk-in Tuesdays:
1:30pm – 3:30pm*

Monday-Friday
8:30am-4:30pm
(closed 12pm-1pm)

Make use of resources in campus (they are free)

- Career Center
- Writing Center
- LARC
- Health Center
- Counseling Services
- Disability Resource Center
- Library
- Financial Aid
- Study Abroad Office
- Student Organizations & Leadership
- Fitness Center

[Behaviors to avoid]

- Late to class
- Sleeping in class
- Talking in class (when you should be listening)
- Doing HW or checking Facebook in class
- Leaving class early
- Failing to do HW

Second Step – Learn About Engineering

1. E10 class
 - a. Hands-on projects
 - b. Teamwork environment
 - c. Professors from various engr. disciplines
2. Your classmates
3. Student chapters of a professional society
4. Your professors
5. Other practicing engineers
6. Visiting engineering companies
7. Apply for student internships during summer