

**EE/CpE 423**

**Senior Design**

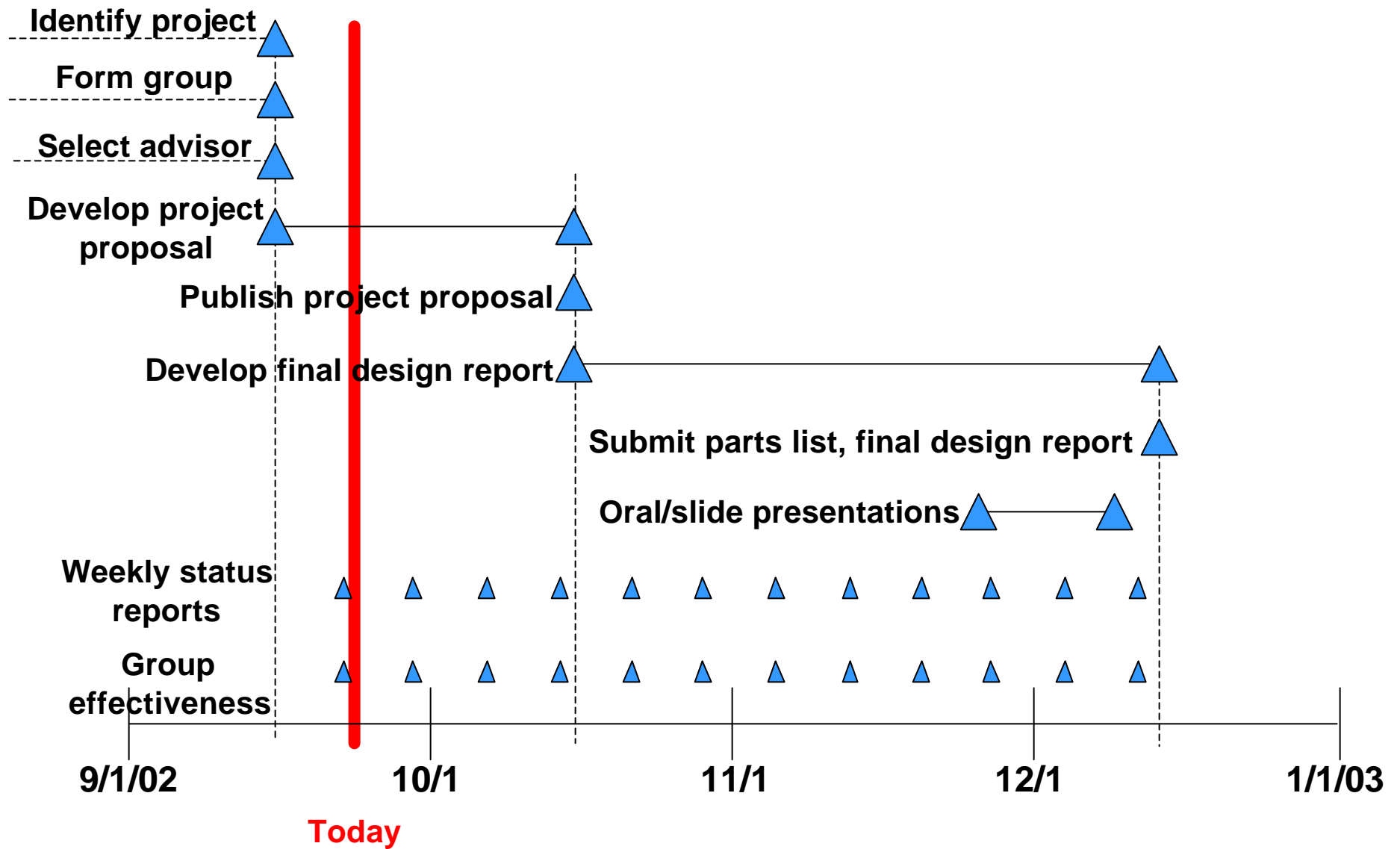
**Fall 2003**

**Class 4 – 9/23/03**

# Agenda

- Task schedule
- Group status

# Senior Design Tasks – Fall '03



# Last week's Deliverable:

[http://www.ece.stevens-tech.edu/sd/material/Project\\_advisor\\_form.doc](http://www.ece.stevens-tech.edu/sd/material/Project_advisor_form.doc)

Forming a group to commit to an idea is the first priority

Finding an advisor to work with you is your next priority

A working project title is fine

A paragraph to a page description is sufficient at this stage

EE/CpE 423/424 Engineering Design		Group
PROJECT/ADVISOR ASSIGNMENT FORM		Number:
		<small>(Assigned by ECE SD Coordinator)</small>
Project Title		
Group Leader	Name	email
Group Members:		
Advisor:	ECE <input type="checkbox"/> CS <input type="checkbox"/> PEP <input type="checkbox"/>	
Signature:	Date:	
Brief Project Description:		
<b>21 Groups formed, Still waiting for ~5-7</b>		

# Senior Design Groups/Projects

Group	Title	Members	Advisor	Sponsor
1	Wireless Biomedical Sensor	<b>Ramcharan</b> , Bahadur, Bacchus, Garces	Wetzel	
2	Environment Aware GPS	<b>Dong</b> , McGann, Taylor, Flores, Soni	McNair	
3	Mobile MP3 Player	<b>Menafr</b> , Khurana, Rashkin, Komitee, Frank	McNair	
4	Real-time inventory using RFID	<b>Israel</b> , Bernard, Bawa, Kocherov, Ferjuste	Man	
5	Thumb-thing	<b>Podolsky</b> , Andrews, Willis, Ayala	McNair	
6	Software Defined Radio	<b>Assefa</b> , Issacs, Kan, Chen, Guevara	Yao	
7	Automatic Mailbox Notification System	<b>Varianides</b> , Cianchetti, Chamberlain	Man	
8	Solid State Hard Drive	<b>Kautzmann</b> , Maroulis, Ciarcia, Lau, Peterman	McNair	
9	GPS Mass Transit Tracker	<b>Zimmer</b> , Khiami, Pitera	McNair	
10	Trans-verbal-ator	<b>Odu</b> , Blake, Guzman, Ogude, Reyes	Man	
11	Game Boy TV Tuner	<b>Diaz</b> , Afalla, Santos, Gray	Tewksbury	

# Senior Design Groups/Projects

Group	Title	Members	Advisor	Sponsor
12	DBNS Filters	<b>Hammer</b> , Ostman, Maleh	Li	
13	Intelligent SMS Ordering System	<b>Summulong</b> , Chau, G.Lee (Biz Tech), Park, Qureshi, Vivar	Ghosh	
14	Hexaphonic Digital Mixer	<b>Kennedy</b> , Keller, Maikish, <b>Ancipiuk(??)</b> , Pour Manouchehri	Man	
15	Bluebird	<b>Chea</b> , Cohen, Henin, Sandoval, Szus	Kiss	
16	Network Bandwidth Monitor	<b>Burrows</b> , Folcik, Labruno, Alvarez	Ghosh	
17	Voice Activated Remote Control	<b>S.Shah</b> , Chung, Keyler, J.Shah	Man	
18	Traffic Light	<b>Marques</b> , DeMarco(CS), Malron(CS), Karounis(CS), Mikola(CS), Hu(CS), DeAngelis(CS)	Bernstein	
19	FRANN – Face Recognition using Artificial Neural Networks	<b>U.Khurshid</b> , A.Khurshid, Prophete	Man	
20	Intelligent Cellular Telephone Docking Station	<b>Rassam</b> , Plum, Bazil(TM)	McNair	

# Senior Design Groups/Projects

Group	Title	Members	Advisor	Sponsor
21	Parking Assistant	<b>Firner</b> , Krupnick, Grillman, Nizberg	Man	

83 ECE students

Lists as of 2:00 p.m. 9/23/02

# Now that you've formed a group...

- Weekly reports due Monday by Noon
  - Use template provided to ensure consistent format:
  - Template is on Senior Design web site
  - Team leader is responsible for submission of weekly report

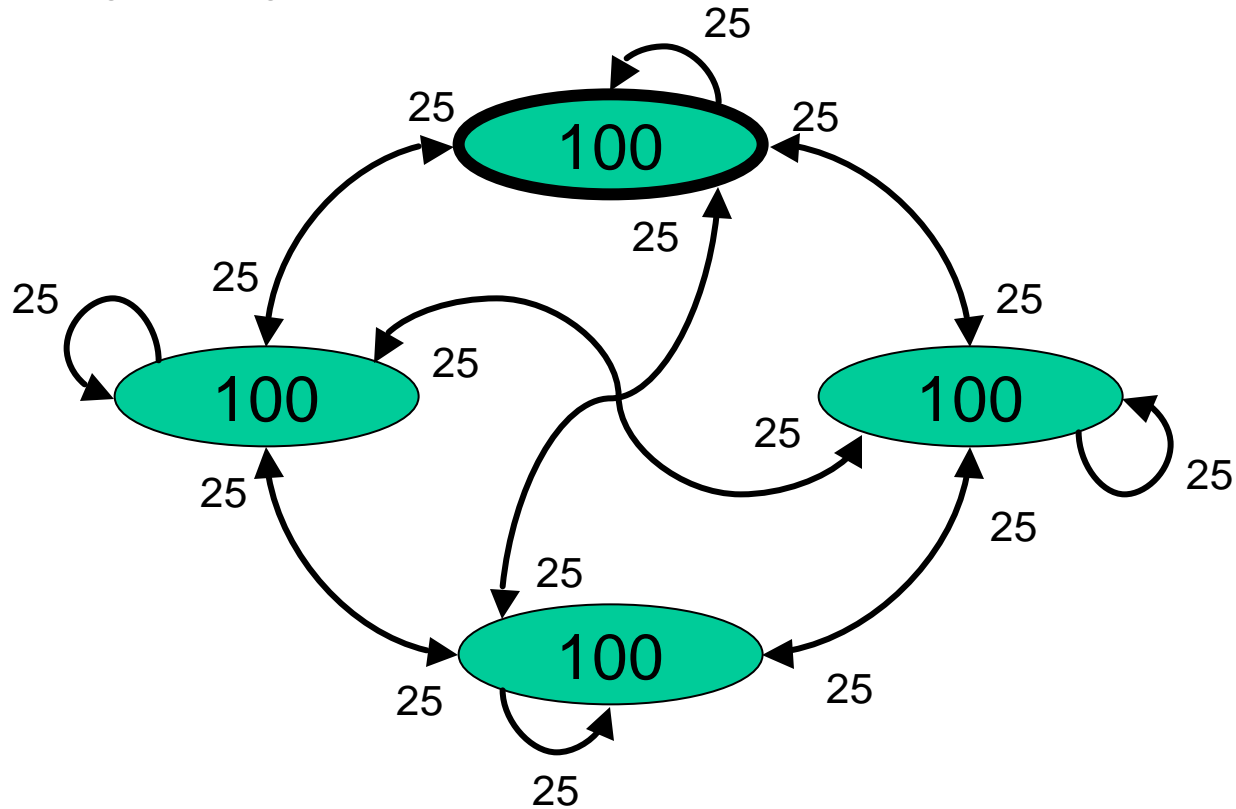
**Response rate is 90%**

EE/CpE 423-424 WEEKLY STATUS REPORT					
Group #	XX	Week ending:	XX/XX/XX	Report #	XX
Project Title:					
Group Leader:			Advisor:		
Sponsor/Client:					
Total number of person-hours spent on project by group during past week:					
Is project on schedule?					
			Yes	<input type="checkbox"/>	<input type="checkbox"/>
			No	<input type="checkbox"/>	<input type="checkbox"/>
Weekly status:					
Weekly report is due to Senior Design Coordinator by Noon Monday					
<small>Template version: 07/03</small>					



# Group Effectiveness

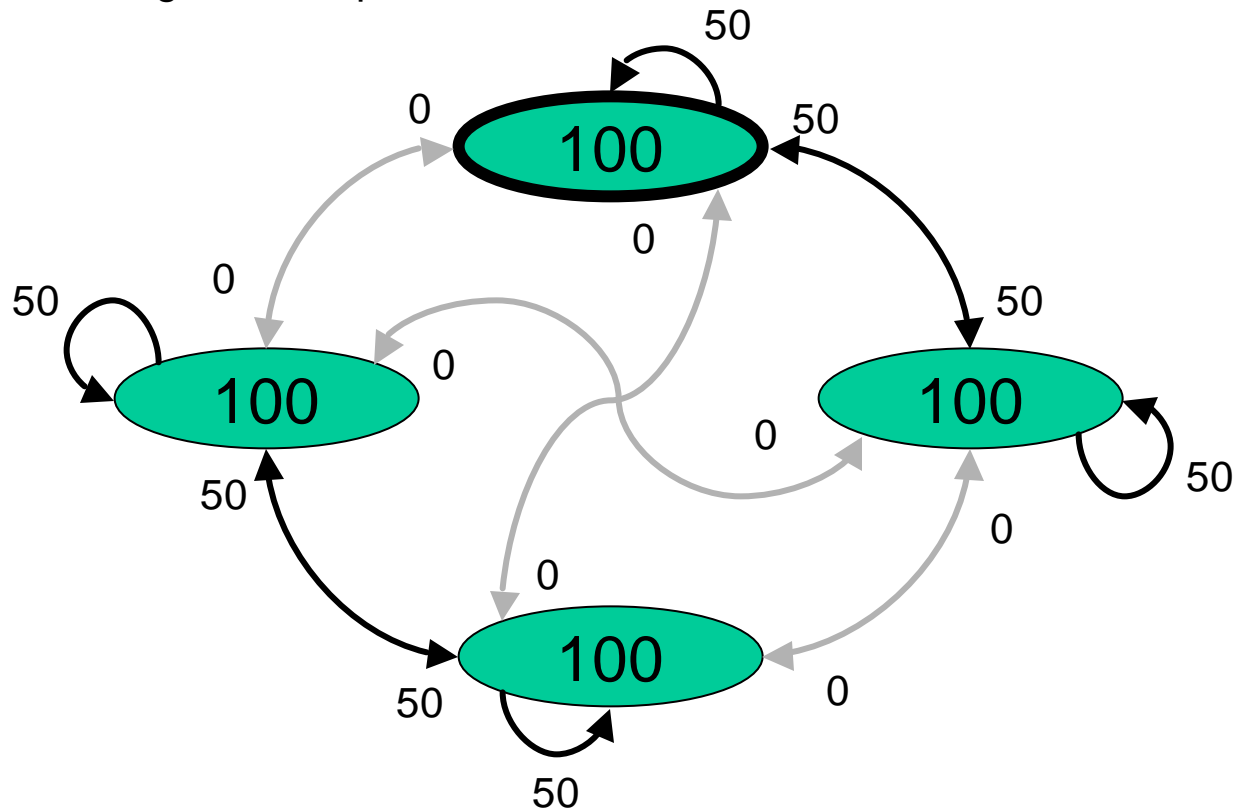
- Everything working as planned



- Is it really?

# Group Effectiveness

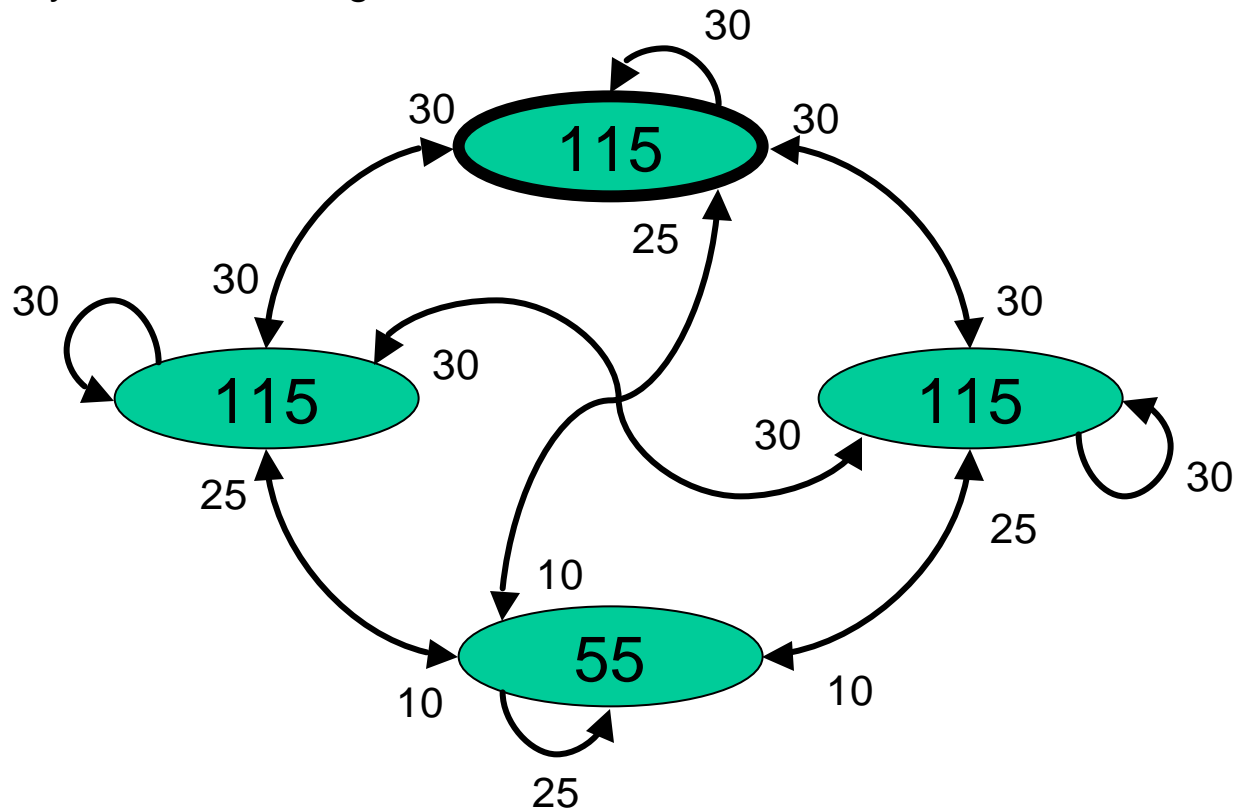
- What's wrong with this picture



- “What we have is a failure to communicate”

# Group Effectiveness

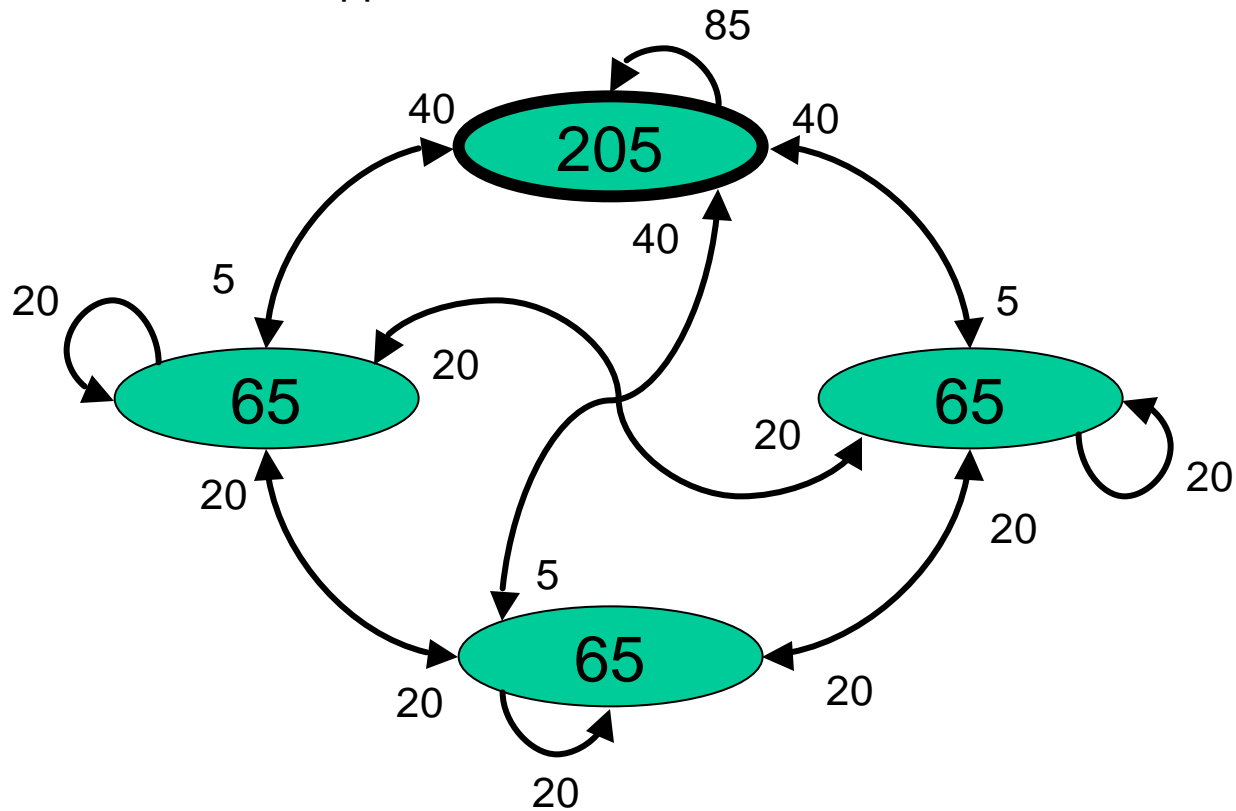
- Is everyone contributing?



- Nature uses hurricanes to trim deadwood.

# Group Effectiveness

- This is not how it is supposed to work



- Can you spell D E L E G A T E ?

# Now that you've formed a group...

- Each group will have a WebCT private discussion group, if you want to use it to coordinate group activity:

The screenshot shows a Netscape browser window displaying a WebCT discussion page. The browser title is "CPE 423A - WebCT 3.8.2 - Netscape". The address bar shows "http://webct.stevens.edu/SCRIPT/101562003F/scripts/serve\_home". The page content includes a navigation menu, a control panel, and a table of discussion topics. A yellow circle highlights the "Looking for a Group" topic, and a yellow arrow points to it from below.

Topic	Unread	Total	Status
All	0	23	
Mail	0	8	public, unlocked
Notes	0	0	public, unlocked
General interest group	0	0	public, unlocked
Looking for Group Members	0	0	public, unlocked
Looking for a Group	0	0	public, unlocked
Group 01	0	0	private, unlocked
Group 02	0	0	private, unlocked
Group 03	0	0	private, unlocked
Group 04	0	0	private, unlocked
Group 05	0	0	private, unlocked
Group 06	0	0	private, unlocked
Group 07	0	0	private, unlocked
Group 08	0	0	private, unlocked
Group 09	0	0	private, unlocked
Group 10	0	0	private, unlocked
Group 11	0	0	private, unlocked
Group 12	0	0	private, unlocked
Group 13	0	0	private, unlocked
Group 14	0	0	private, unlocked
Group 15	0	0	private, unlocked
Group 16	0	0	private, unlocked
Group 17	0	0	private, unlocked
Group 18	0	0	private, unlocked
Group 19	0	0	private, unlocked
Group 20	0	0	private, unlocked
Group 21	0	0	private, unlocked

# Senior Design Students Not Yet Known To Be In A Project Team

Barrigas Beauchamp Bedirhanoglu Benson Bil Campos Giraldo Chong-Qui	Christian Desloges Fishman Genao Gujral Handrinis Ibrahimiye	Kupferberg Lee Lyding Martinez McKinney Misra Saraceni	Siddiqui Stander Vadakkedam Voigtland West White Yulo
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28 students not yet in groups

Some have indicated specific plans

12 have not responded for request for their status