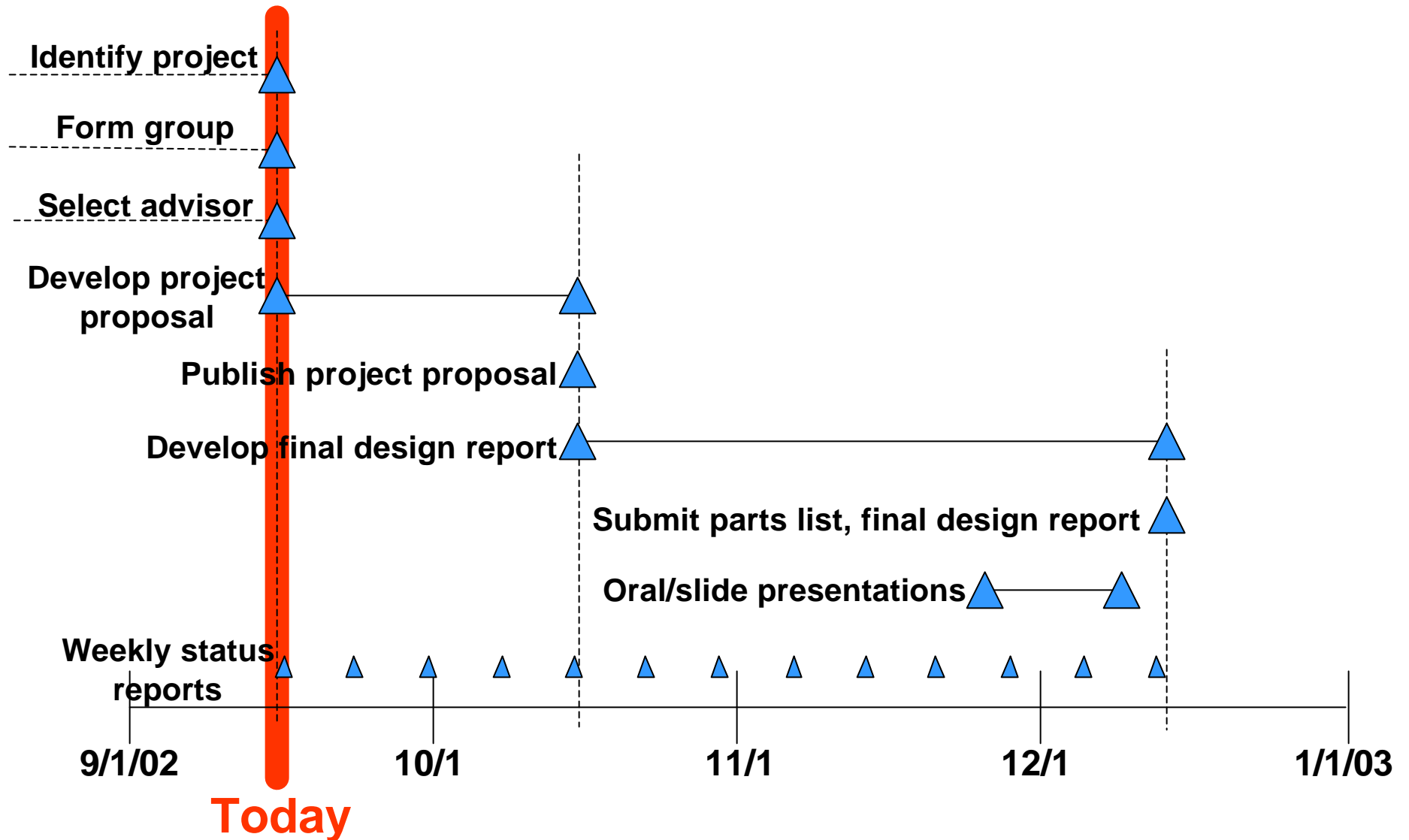


# Senior Design Tasks – Fall '02



# Today's Deliverable

EE/CpE 415/423 Engineering Design  
Fall Semester 2002  
PROJECT/ADVISOR ASSIGNMENT FORM

Project Title

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Group Members' Names

Box Number

Email

Group Leader

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Advisor's Name

Date

Project Description:

# Senior Design Groups/Projects

Group	Title	Members	Advisor	Sponsor
1	Chaotic Spreading Spectrum System Development and Implementation using FPGA/VHDL for Secure Wireless Communications	<b>dela Cruz</b> , Bianco, Choi, Quizhpi, Villar	Yao	
2	Wireless Network Detector	<b>Cook</b> , Bloomstein, Glynn, Atienza	McNair	Thompson CSF?
3	Kalman Filter Library	<b>Villegas</b> , Horvath, Castro, Martinez, Brooks	Kiss	BAE
4	Autonomous Advertising Robot Interface	<b>Burke</b> , Merola, Sawamukai, Kim, Min	Man	
5	Factory Deviation Monitor	<b>Engleman</b> , Choto, ****Sandiego, Brenson(?), Mackensie(?)	Tewksbury	
6	Data Center Environmental Link	Cuervo, Desimone, Gerashenko, Yigit	Chandramouli	
7	MyStevens	<b>Sethumadhavan</b> , Patel, Quesada, Sanchez	McNair	
8	Voice Over IP at Stevens	<b>Musgrave</b> , Sullivan, Farley, Leyva, Blender	Man	
9	Missile Course Deviation	<b>Lasun</b> , Sardinas, Chandra, Apostol	Ghosh	
10	Motion Tracking Device	<b>Choi</b> , Gregory, Sgherza, Brozyna, Trumper	Man	
11	Platform for Media Reach Lecture Delivery	<b>Hoyt</b> , Sweeney, Nanaszko, McAvoy, DelVecchio	Heffes, Yao	

# Senior Design Groups/Projects

Group	Title	Members	Advisor	Sponsor
12	Redesign of the Stevens Campus Network	<b>Tan</b> , Shabo, Evans, Kim, Grossman	Ghosh	
13	Youth Monitoring Device	<b>Ferguson</b> , Patel, Kapadia	McNair	
14	eHousing	<b>Yang</b> , Wong, Paet, Poon, *****SanDiego	Ghosh	
15	Real-time Wireless Sensor Network – Signal Analysis for Security Applications	<b>Wooley</b> , Bednarczyk, Laudato, Stander, Andersen	Tureli	

# Senior Design Groups/Projects **With Issues**

Group	Title	Members	Advisor	Sponsor
A	EZPARK	<b>Kermanshah</b> , Nguyen, Nicolin, Pang, Wang	Truan?	
B	US Army DoD Integrated Software Engineering?	<b>Chin</b> , Almonte	?	US Army
C	Financial Management Software	<b>Comas</b> , Puzio, Waheed???	?	
D	?	<b>Parente</b> , Harris, Giarratano, Zuffi, Countess	Tureli?	
E	?	<b>Armenteros</b> , Benevente, Rawlins, Cadavid, Pham	?	

I don't consider a group to have formed until you have a project title, a project description, and an advisor's signature

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

Abreu Alba Amin Barahona Battaglia Beauge Beznicki Breen Brocilovic Cardona Cho Chwiej Costa Dempsey Dennis	Desai Divecha Doshi Ecke Edelman Emmert Fontanet Fundinger Gandhi Giarratano Griffiths Guevara Guidi Gulrajani Guzman	Hepp Holko Hughes LaPenna Lee Mahmood Mengesha Mouradian Nabi Narni Negbenebor Nyilas Owens Oyola Devang Patel	Dilipbhai Patel Nikhil Patel Niray Patel Pendse Piper Polanco Porcaro Prophete Rafal Rawani Ray Ruiz Saifuddin Saifullah Salazar	Sarkar Shah Singh Sudol Surat Szkodzinski Tahim Thomas Tober Tovmasian? Uddin Valencia Walsh Zitelli
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# If you still haven't found a project...

- **Software fault detection benchmarking suite (BAE)**
- **Dental floss package-size MP3 player (Sanyo)**
- **Digital fingerprint scanner (Sanyo)**
- **H26L – Video coding standard (Thompson CSF)**
- ~~• **Unlicensed-band (Part 15/ISM) operation detection (Thompson CSF)**~~
- ~~• **Child-drowning sensor (Lynn, McNair)**~~
- **“Blue Force Tracking” – geolocation services, especially in a high-rise/urban setting**
- **“Universal” credit card (McNair)**
- **Ad-hoc sensor networks (Tureli/McNair)**
- **“Low probability of intercept” “spatial-hopping” networks (Tureli/McNair)**
- **Interpool (Keating)**
- **Autonomous Under Water Vehicle (Blicharz)**