

TEAMWORK WORKS ICOM5047 Design Project in Computer Enginee J. Fernando Vega-Riveros, Ph.D Professor – ECE Dpt.

Reflection about groups

Have you been a member of a team that go the job done (wrote the report, finished the project, completed the assignment) but that ended up with the members hating one another so intensely they never wanted see each other again?

What characteristics made the team fail?







Have you been a member of a team whose members really enjoyed one another company and had a great time socially this time finished the project?

effective and successful?

What characteristics made this team



Reflection about effective teams

 Good participation
 Common goal
 Sense of purpose
 Leadership
 Members take responsibility
 Effective decision making









Cooperative Learning Groups

- □ Work is complex enough to require each other s cooperation
- Group's goal is maximize all member's learning
- Everyone is accountable
- □ Work face-to-face to produce joint work
- Members promote mutual success
- Analyze how effective they are achieving goals and how well they are working together



High Performance Cooperative **Learning Groups**

- Meets all criteria for being a cooperative group and outperforms reasonable expectations
 The difference is in level of commitment to each
- other and to the group
- Emotional binding
- □ Mutual concern for each other's personal growth
- Dembers actually have fun working with each other

Four types of teams				
asks				
Specialization of tasks		Type I Swim team	Type II Football team	
		Type III Bowling team	Type IV Volleyball team	
Spe	Low		I	ligh
Coordination between team members				



Groups and Teams

















□Help focus team members on a common purpose and work together



Productivity Exercise

Goal: build paper airplanes

Criteria

An acceptable plane must be manufactured according to specification
 An acceptable plane must fly at least 20 feet

