


16. Teamwork and Collaboration



CSE 498, Collaborative Design

Wayne Dyksen
Brian Loomis
Department of Computer Science and Engineering
Michigan State University
Spring 2005

S T & C: The Dilemma (1 of 4) →

For University Faculty
In General...

- Not Highly Valued
- Usually Teamwork << Individual Work
- Not the Norm
- Not Great Models

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S T & C: The Dilemma (2 of 4) →

For University Students
In General...

- Not Valued
- Usually Teamwork = Cheating
- Not the Norm
- Not the Experience

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S T & C: The Dilemma (3 of 4) →

For Corporate Professionals
In General...

- Highly Valued
- Teamwork >> Individual Work
- Norm
- Lots of Models and Experiences

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S T & C: The Dilemma (4 of 4) →

- Corporations Want In General...
- Highly Technical Individuals
- Evaluations (Grades)
 - Individualized
 - Based On Technical Abilities
- Team-Oriented Individuals
- Teamwork Experiences

} Similar "Dilemma" with Communication Skills

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S Educational Team Projects →

What are they so hard to do?

- Conflicting Work Expectations
 - Shared But Comprehensive
 - Individuals Must Make "Technical" Contribution
 - Can't Just Be Tester, Documenter, Manager, Etc...
- No Official Team "Boss"
 - Can't Make Anybody do Anything
 - Uncomfortable To Complain About Others
 - Nobody Really in Charge
- Etc...

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S Are you a team player? (1 of 3)

- www.monster.com
- Barbara Reinhold
- Answer True or False
- What's my score?
- <http://content.monster.com/tools/quizzes/teamplayer/>

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S Are you a team player? (2 of 3)

1. I prefer to work on my own.
2. I like to have my work goals set by someone else.
3. I think other people work as hard as I do.
4. I like taking suggestions from others.
5. At the end of the day, everyone is out for him or herself.

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S Are you a team player? (3 of 3)

6. I like to work with people who aren't like me.
7. I am more competitive than cooperative.
8. I like to take control of my fate.
9. I am always right.
10. I find it easy to trust other people.

<http://content.monster.com/tools/quizzes/teamplayer/>

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S 500 Tips on Group Learning (1 of 4)

- by Phil Race
- Kogan Page Limited
120 Pentonville Road
London, N1 9JN, UK
- Distributed by Stylus Publishing Limited
2283 Quicksilver Drive
Sterling, VA 20166, USA.
- <http://www.styluspub.com/>
- <http://www.phil-race.net/default.htm>

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S 15 Tips on Group Learning (2 of 4)

1. Create ownership of the ground rules.
2. Foster a culture of honesty.
3. Remind group members that they don't have to like people to work with them.
4. Affirm collective responsibility.
5. Highlight the importance of developing and practicing listening skills.

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S 15 Tips on Group Learning (3 of 4)

6. Spotlight the need for full participation.
7. Everyone needs to take a fair share of the group work.
8. Working to strengths can benefit groups.
9. Group should not always work to strengths, however!
10. Help group members to see the importance of keeping good records.

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S 15 Tips on Group Learning (4 of 4)

11. Group deadlines are sacrosanct.
12. Cultivate philanthropy.
13. Help people to value creativity and off-the-wall ideas.
14. Enable systematic working patterns.
15. Cultivate the idea of group rules as a continuing agenda.

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S The Five Dysfunctions of a Team

- A Leadership Fable
- By Patrick Lencioni
- Jossey-Bass
A Wiley Company
989 Market Street
San Francisco, CA 94102-1741
- www.josseybass.com
- www.tablegroup.com

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S The Five Dysfunctions

1. Absence of Trust
2. Fear of Conflict
3. Lack of Commitment
4. Avoidance of Accountability
5. Inattention to Results

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S Tools enable a great team

- But don't rely on them to fix underlying problems
- SharePoint, bug trackers, file shares, other tools collect information centrally

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S Your CSE498 Grade

- 70% Team
- 30% Individual

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S Next time

- Ethics...

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