

- Why group writing
- Dangers in group writing.
- Common divisions of labour.
- Exercises:
 - Strength identification.
 - Sub-task identification.
 - Deliverables exercise.
- Phases in a writing project.
- Planning sessions.
- Collaborative editing software.
- General tips.

Why group writing?

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- You can get better results!
 - Different areas of expertise.
 - Different presentation skills.
 - Different perspectives.
- Working in teams:
 - Valuable skill.
 - Practice good!
- See how other people work.

Why group writing?

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- A common necessity:
 - Engineering projects.
 - Collaborating on specifications.
 - Documentation.
 - Reports on projects.
 - Etc.
 - Research projects.
 - Writing grant proposals.
 - Collaborating on theoretical positions.
 - Writing up results.
 - Etc.
 - Business...
 - Education...

Get used to it!

- . .



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Dangers in group-writing

Danger	Possible Solutions		
Underutilised skills.	Identify strengths early.	Divide labour.	
Lack of coordination.	Agree on process.	Assign coordinator(s).	
Process heavy.	Simplify process / divide labour.	Assign coordinator(s).	
Broken hearts.	Cultivate sensitivity, respect, positive criticism.	Verbalise problems.	
Freeloading / credit assignment.	Explicit recognition.	Negotiate expectations.	
Groupthink.	Encourage dissent.	Encourage quieter members.	

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Common divisions of labour.

- Research & practical work (many roles).
- Coordination.
- Draft text preparation.
- Text polishing.
- Layout and formatting.
- Graphics preparation.
- Proofreading.
- Re-drafting.
- Note: editing and redrafting is timeconsuming.



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Strength identification exercise



As a group, identify the relative strengths of each of your members (4 minutes).

You will share your answer with the class. E.g.

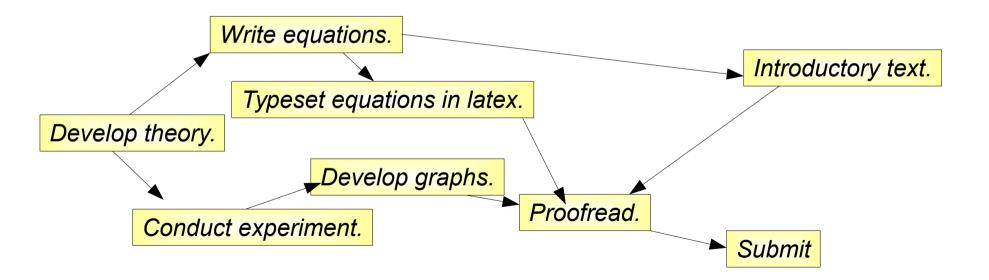
<u>Albert</u>	<u>Johannes</u>	<u>Enrico</u>
Theory.	Practical work.	Research.
Creative drafting.	Proofreading.	Formatting.
Graphics.	Coordination.	Rewriting.

Sub-goal identification exercise

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As a group, identify some tasks into which you can divide your next team assignment.

You will share your answer with the class. E.g.



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Simple deliverables exercise

As a group, match up tasks to team members and assign a difficulty/time commitment to each task.

You will share your answer with the class. E.g.

<u>Task</u>	<u>Responsible</u>	Expected commitment
Develop protocol	Enrico	8 hours
Government sign-off	Isaac	6 hours
Report template	Isaac	5 hours
Arrange participants	Enrico	6 hours
Site setup	Enrico	14 hours
Results section	Isaac, Enrico	7 hours
Collect fissile material	Albert	1050 hours, \$150,000
Conclusions	Isaac, Enrico	3 hours



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Possible phases in a writing project



<u>Phase</u>	Group orientation
Brainstorming, sharing, informal discussions.	Together.
Audience analysis, problem analysis.	Separate/together.
Establish high-level principles (argument, approach).	Separate+together.
Planning.	Together.
Design.	Separate/together.
Rough text pieces.	Separate.
Rough drafts.	Separate/together.
Revisions.	Separate/together.
Content changes.	Separate/together.
Revisions	Separate/together.
Proofreading.	Separate/together.
Revisions.	Separate/together.

https://openclipart.org/detail/99271/meeting-by-yves_guillou

Planning sessions

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- Outcome-related:
 - Agreeing on outcome.
 - Assigning deliverables.
 - Arranging next meeting.
 - Developing schedule.
- Content-related:
 - Brainstorming.
 - Sharing ideas.
 - Finding agreement.
- Relationship-related:
 - Learning about each other.
 - Finding common values.
 - Generating shared commitments.



Questions to the class

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- When is your group scheduled to meet next?
- Who is currently assigned to what task?
- What is your current schedule?
- What will your final proposal look like?





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Collaborative editing software

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- Online collaborative latex editors:
 - https://www.sharelatex.com/
 - https://www.writelatex.com/
- Google docs.
 - http://docs.google.com/
- Desktop file-sharing:
 - https://spideroak.com/
 - http://dropbox.com/
- Use a wiki:
 - https://wikispaces.com

Collaborative editing software

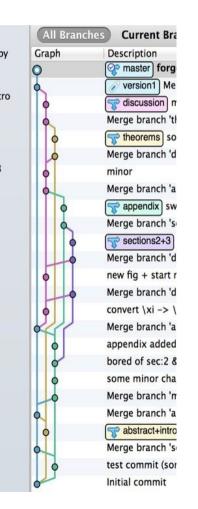


 Version control management software:

```
\label{lambda}  \begin{tabular}{ll} http://en.wikibooks.org/wiki/LaTeX/Collaborative_Writing_of_LaTeX_Documents \\ http://stackoverflow.com/questions/6188780/git-latex-workflow \\ e.g. SVN_r git. \\ \end{tabular}
```

- All changes tracked.
- Usually for code.
- Can be used with Office documents:

 https://git.wiki.kernel.org/index.php
 /GitTips#How_to_use_git_to_track_Open
 Document_.28OpenOffice.2C_Koffice.29_
 files.3F
- SVN centralised, git decentralised.





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Final advice



- Importance of respectful attitude.
 - 3 smart people hating each other?
 - 3 smart people working together?
- Start early!
 - Revision process takes time.
 - Individual schedules change.
 - The hardest obstacle is starting.

Final advice

- BLG374E Tech. Comm. Eng.
- Work out plan & expectations.
 - Clarification helps respect.
 - A plan is a starting point, even if not followed.
- Do multiple drafts.
 - Otherwise, result can be very messy.
 - A way for everyone to help.
- Writing separate sections can lead to disarray.

Reading





See also: University of North Carolina College of Arts and Sciences Writing Center Group Writing Handout.

https://writingcenter.unc.edu/handouts/group-writing/

Or try the internet:

