

Today's Lecture



- ❧ Reading
- ❧ Listening
- ❧ LaTeX for writing

Reading



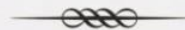
- ❧ For your Body ← Food and Water
- ❧ For your Mind ← Reading

Reading



- ❧ Healthy Body ← Balanced Diet
- ❧ Healthy Mind ← Balanced Reading
 - ❧ Books, Magazines, Journals, Newspapers, ...
 - ❧ Classics and Scriptures
 - ❧ Fiction, Non-Fiction, ...
 - ❧ Technical, Non-technical, ...
 - ❧ Read as much as possible
 - ❧ Read Good books, magazines,...
 - ❧ Good Books → Good Knowledge → Power

Research & Reading



- ❧ No reading → Weak mind → No Deep Thinking →
No Innovative Ideas → No Research or Poor Quality
Research



Research & Reading



- ❧ No reading → No Research or Poor Quality Research
- ❧ No or Poor Quality Publications
- ❧ Poor Quality Jobs/Business and Career

Reading for Research



- ❧ Read with a Notebook and a Pencil (Electronic → Xournal++, ...)
- ❧ Read slowly and Consult a Good Dictionary (English-English or English-Mother tongue)
- ❧ Use Underlining or write Notes in the Margin
- ❧ Derive the Equations (2), (3), ... to Verify the Theory
- ❧ Simulate the Experiments to Verify the Results in the Books or Papers

Reading & Writing



- ❧ Read English Books, Journals, Newspapers, Magazines, ...
 - ❧ Learn Style
 - ❧ Paragraph structure
 - ❧ Sentence structure
 - ❧ Words
- ❧ Read & Think & Understand
- ❧ Write a Summary on What you Understood (Zotero)

Listening



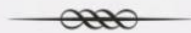
- ❧ Important part of Oral Communication
- ❧ Listen with Full Attention
- ❧ Take Notes –
 - ❧ Meetings with Supervisor, Boss, Seminars, Group Meetings, Classes, ...
- ❧ Listen to Remember
- ❧ Listen and then Act

Effective Listening



- ❧ Maintain Eye Contact - same horizontal level
- ❧ Use Appropriate Gestures
- ❧ Ask a few Pertinent Questions and Make simple Comments
- ❧ Be Non Judgmental

Effective Listening



- ❧ Remain Calm
- ❧ Do not provoke nor argue with the speaker
- ❧ Do not try to show off yourself
- ❧ Do not take any hasty decision while listening

Effective Listening



- ❧ It is an ART.
- ❧ Practice carefully
- ❧ People appreciate a patient listener

Writing in LaTeX



- ❧ LaTeX → Macro for typesetting markup language TeX
- ❧ TeX is the best type setting language for scientific documents (nroff, xml/html, docbook, ...)
- ❧ TeX uses Metafont for drawing “characters”
- ❧ Free
- ❧ Complex