Marwadi University
Bachelor of Technology
Semester I (w.e.f. Jan, 2018)
Subject Code: 01SL0102 - Subject Credits: 02
Subject Name: Reading and Writing for Technology

Course Objectives

This course offers an orientation towards reading and writing in technical contexts. It aims at helping learners in acquiring reading and writing ability in English to foster their learning in the specified domain i.e. technology. It engages students through various activities to learn techniques and approaches of reading and writing skills.

Course Outcomes

The course will enable students

1. to develop their reading capability in terms of understanding, identifying, analyzing and critically evaluating texts;
2. to understand and comprehend various forms of writings used in technical education and academic contexts and to develop their writing abilities.

Unit 1: Introduction to Technical Communication

1. History/ Story of Technical Writing
2. English in Technical Communication

Recommended Readings/Viewings

1. Tavia, Yasmin. "Story of Technical Writing." *YouTube*, 28 March 2016, https://www.youtube.com/watch?v=QomPdtnZa4k. Accessed 30 June 2017.
2. AbodeTCS. "Future of TechComm." *YouTube*, 16 July 2012, https://www.youtube.com/watch?v=dSdhnyDF0YY. Accessed 30 June 2017.
3. Lowe, Janet. *Google Speaks: Secrets of World's Greatest Billionaire Entrepreneurs, Sergey Brin and Larry Page.* John Wiley & Sons, 2009.
4. Howard, Nicole. *The Life Story of a Technology.* Greenwood Press, 2005.

Unit 2: Reading Strategies

1. Know your textbook: Exploring the textbook, its parts and purposes
2. Approaching reading: Reading Strategies
3. Reading for Various Purposes: reference books, stories, articles, technical surveys, reports, blog posts, & reviews

Recommended Readings/Viewings

1. "Engineering Stories." *Engineering Stories*, 2017, https://engineerstories.com/. Accessed 30 June 2017.
2. "10 Breakthrough Technologies 2017." *MIT Technology Review*, 2017, https://www.technologyreview.com/lists/technologies/2017/. Accessed 30 June 2017.

3. High, Peter. "Top 10 Technology Stories of 2016." *Forbes*, 4 Jan. 2017, https://www.forbes.com/sites/peterhigh/2017/01/04/top-ten-technology-stories-of-2016/2/#2d72b2be9de7. Accessed 30 June 2017.

Unit 3: Writing Strategies

1. Understanding the writing process: Thinking about writing processes, key Attributes of academic and technical texts

2. Writing process - Visualizing your text
3. Approaching Writing: Writing Strategies
4. Understanding various forms of writing: essay, case study, research paper, term paper, maths/physics problems, lab report, book report/review, surveys, blog posts, & dissertation
5. Writing for various purposes: essays, writing answers in exam, lab reports, process and instructions, reviews, blog post, & assignments

Recommended Readings/Viewings

Teaching and Learning Resources for Me. "Understanding the Purpose of Different Types of Texts." *YouTube*, 12 Sept. 2015, https://www.youtube.com/watch?v=lZtxWTk7tpk. Accessed 30 June 2017.

Galloway, Bek. "Purposes and Text Types." *YouTube*, 30 Sept. 2016,

https://www.youtube.com/watch?v=-LULx42tOA4&t=34s . Accessed 4 July 2017.

Kane, Thomas S. *The Oxford Essential Guide to Writing.* Berkeley, 2000.

Teaching Scheme

Teaching Scheme (Hours per week)	Evaluation Scheme					Total Marks
Theory	ESE	IA	CSE	Viva	Term Work	
2 Hours	00	30	20	25	25	100

1. **IA will consist of the following components:**

Assignments (20 Marks): Students will write three assignments. (Two assignments of 5 marks each and one assignment of 10 marks)

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In-Class Participation (10 Marks)

 2. **CSE**

(**Term Paper-20 Marks):** An article on the topics given.

3. **Viva (25 Marks):** Viva will be conducted at the end of the semester. It will be based on the CSE, Term Work, Assignments and topics covered in the syllabus.

4. Term Work (25 Marks)

(**Term-End Presentation)**: Students will make a presentation based on their term paper at the end of the semester.

Further Suggested Readings

1. Anderson, P. *Technical Communication*. Harcourt Brace, 1998.
2. Cox, Kathy, and David Hill. *Eap Now!: English for Academic Purposes*. Pearson Australia, 2011.
3. Doren, Charles Van, and Mortimer J. Adler. *How to Read a Book*. Washington Square Press, 1974.
4. Emden, Joan Van. *Writing for Engineers*. Palgrave Macmillan, 2005.
5. Glendinning, Eric H., and Beverly Holmström. *Study Reading: A Course in Reading Skills for Academic Purposes*. Cambridge University Press, 2012.
6. Hamp-Lyons, Liz, and Ben Heasley. *Study Writing: A Course in Writing Skills for Academic Purposes*. Cambridge University Press, 2013.
7. Langan, John, and Judith Nadell. *Doing Well in College: A Concise Guide to Reading, Writing, and Study skills*. McGraw-Hill Book Col., 1980.
8. Vise, David A., and Mark Malseed. *The Google Story*. Bantam Dell, 2008.