

creodocs_logo.pdf

CPE 133 Final Lab Proposal

***A professional layout featuring a large margin
and examples of typical business report content***

Template created by:
Vel (vel@latextemplates.com)

November 27, 2023

Disclaimer

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros. Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie. Sed dictum nisl non aliquet porttitor. Etiam vulputate arcu dignissim, finibus sem et, viverra nisl. Aenean luctus congue massa, ut laoreet metus ornare in. Nunc fermentum nisi imperdiet lectus tincidunt vestibulum at ac elit.

Copyright

© [Year] [Company]

Copyright notice text... In hac habitasse platea dictumst. Curabitur mattis elit sit amet justo luctus vestibulum. In hac habitasse platea dictumst. Pellentesque lobortis justo enim, a condimentum massa tempor eu. Ut quis nulla a quam pretium eleifend nec eu nisl. Nam cursus porttitor eros, sed luctus ligula convallis quis.

Contact

Address Line 1
Address Line 2
Address Line 3

Business Number 123456

Contact: name@company.com

Changelog

v1.0	20XX-02-05	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros.
v1.1	20XX-02-27	Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie.
v1.2	20XX-03-15	Sed dictum nisl non aliquet porttitor.

Table of Contents

CPE 133 Final Lab Proposal

1 Section Title

CPE 133 Final Lab Proposal

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam auctor mi risus, quis tempor libero hendrerit at. Duis hendrerit placerat quam et semper. Nam ultricies metus vehicula arcu viverra, vel ullamcorper justo elementum. Pellentesque vel mi ac lectus cursus posuere et nec ex. Fusce quis mauris egestas lacus commodo venenatis. Ut at arcu lectus. Donec et urna nunc. Morbi eu nisl cursus sapien eleifend tincidunt quis quis est. Donec ut orci ex. Praesent ligula enim, ullamcorper non lorem a, ultrices volutpat dolor. Nullam at imperdiet urna. Pellentesque nec velit eget est pretium.¹

Donec in elit ac ante vestibulum rhoncus. Pellentesque ligula tortor, aliquet malesuada nulla tristique vitae. Aliquam mi sem, varius eu pellentesque et, tristique nec quam. Vestibulum pellentesque in dui et venenatis. Sed malesuada elit pellentesque sapien aliquet porta. In at facilisis diam. Duis id ante tellus.²

¹This is a sidenote. This template features a large margin specifically so you can put notes, figures, tables and other things into it as additional material to the main content in the text block.

1.1 Subsection Title

In diam libero, vulputate quis accumsan non, auctor in ipsum. Praesent cursus velit eget lacus sodales porta. Proin quis risus ut velit euismod scelerisque ut sed neque. Cras sagittis, dolor ac ullamcorper auctor, tortor dui facilisis diam, at sagittis nisi ipsum a neque. Nullam vel mattis nisi. Ut interdum ut diam at ornare. Nulla ultrices elit justo, vitae tristique massa vulputate sit amet.

Vestibulum erat felis, cursus vitae convallis ac, commodo eu nisi. Nulla facilisi. Mauris dignissim nisi felis, a mollis ex accumsan vel. Suspendisse bibendum vitae nibh in suscipit. Vestibulum et finibus eros. Nulla facilisi. Cras luctus aliquam finibus. In nec justo nec orci malesuada faucibus.

This sidenote isn't numbered in the text or margin. This is useful for notes that apply anywhere on the page instead of one particular place.

1.1.1 Subsubsection Title

This is an example of a full width paragraph... Curabitur id placerat orci. Vivamus pulvinar augue ac feugiat blandit. Donec in ultricies mi. Nam eu lacus ac augue aliquet consectetur. Praesent dui risus, sollicitudin nec felis ut, posuere ultricies dolor. Sed massa nulla, dignissim eget sem sit amet, eleifend fermentum dui. Phasellus consequat sem vel turpis finibus, a aliquam risus malesuada.

Maecenas consectetur metus at tellus finibus condimentum. Proin arcu lectus, ultrices non tincidunt et, tincidunt ut quam.

²This sidenote is pushed down manually with the `margin-left` parameter, which would be right above the one above.

Integer luctus posuere est, non maximus ante dignissim quis. Nunc a cursus erat. Curabitur suscipit nibh in tincidunt sagittis. Nam malesuada vestibulum quam id gravida. Proin ut dapibus velit. Vestibulum eget quam quis ipsum semper convallis. Duis consectetur nibh ac diam dignissim, id condimentum enim dictum. Nam aliquet ligula eu magna pellentesque, nec sagittis leo lobortis. Aenean tincidunt dignissim egestas. Morbi efficitur risus ante, id tincidunt odio pulvinar vitae.

Paragraph Title Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam auctor mi risus, quis tempor libero hendrerit at. Duis hendrerit placerat quam et semper. Nam ultricies metus vehicula arcu viverra, vel ullamcorper justo elementum. Pellentesque vel mi ac lectus cursus posuere et nec ex.

The section titles below show how multi-line section titles look at the 3 top levels.

2 Fusce eleifend porttitor arcu, id accumsan elit pharetra eget

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

2.1 Phasellus sit amet enim efficitur, aliquam nulla id, lacinia mauris viverra libero ac magna

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

2.1.1 In mi mauris, finibus non faucibus non, imperdiet nec leo. In erat arcu, tincidunt nec aliquam et, volutpat eget

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

3 Font Examples

3.1 Font Sizes

`\tiny \scriptsize \footnotesize \small
\normalsize`

`\large \Large \LARGE \huge \Huge`

The default font size for the document is 10pt, represented by `\normalsize`. To modify this to a smaller or larger size, use

3.2 Font Families

CPE 133 Final Lab Proposal
IBM Plex Sans Text

IBM Plex Serif Text

IBM Plex Mono Text

3.3 Font Weights

ExtraLight Light Normal **SemiBold Bold**

3.4 Condensed Fonts

Plex Sans Normal

Plex Sans Condensed

The sans family is the default, as is standard in the business world. Use the serif family to accentuate text, such as for quotations. The mono family is best used where it's important that all characters are the same width, such as for numbers in a table or for code.

Condensed fonts can be useful if horizontal space is at a premium. You might want to use the condensed font in a wide table.

4 Quotations

Proin mollis urna posuere fringilla. Curabitur finibus, neque vitae vestibulum vestibulum, dolor sapien tincidunt augue, vel porta mauris metus nec mauris. Integer erat magna, porta id erat sed, lacinia volutpat erat. Nulla fermentum tellus arcu, eu iaculis ipsum malesuada aliquam. Duis et lacus maximus, consectetur metus et, eleifend arcu. Vestibulum condimentum diam vitae diam tincidunt viverra.

“Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros. Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie. Sed dictum nisl non aliquet porttitor. Etiam vulputate arcu dignissim, finibus sem et, viverra nisl. Aenean luctus congue massa, ut laoreet metus ornare in.”

— John Smith, 1972

Suspendisse tempus odio sit amet volutpat suscipit. Pellentesque ornare libero lacus, non fringilla dolor placerat in. Ut maximus ullamcorper lectus, a pharetra mi sagittis aliquet. Scelerisque augue sed mi fringilla, vel dapibus ligula finibus. Sed ornare velit sem, ac venenatis velit dignissim. Vestibulum ultrices mi at tincidunt condimentum.

5 Table Examples

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This statement automatically references the table below using its label: Table ??.

Table 2: Text block table caption.

Prospect	Industry	Revenue
Gerlach Inc	Business Development	\$3M
Doyle and Sons	Law	\$1M
Heathcote Group	Consulting	\$12M
Goyette Inc	Advertising	\$5M
Holzdeppe GmbH	Manufacturing	\$23M
Bienias AG	Accounting	\$2.5M

Table 1: Margin table caption.

Year	Qtr.	Perf.
20XX	Q1	0.5%
20XX	Q2	26.5%
20XX	Q1	35.4%
20XX	Q4	41.3%

Table 3: Full width table caption.

#	Prospect	Industry	Revenue	Employees
1	Gerlach Inc	Business Development	\$3M	65
2	Doyle and Sons	Law	\$1M	15
3	Heathcote Group	Consulting	\$12M	250
4	Goyette Inc	Advertising	\$5M	100
5	Holzdeppe GmbH	Manufacturing	\$23M	75
6	Bienias AG	Accounting	\$2.5M	40

6 Figure Examples

This statement automatically references the figure below using its label: Figure ??.

placeholder.jpg

Figure 1: Margin figure caption.

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ARR.pdf

Figure 2: Text block figure caption.

7 List Examples

7.1 Bullet Point List

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros. Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie. Sed dictum nisl non aliquet porttitor.

- First bullet point item
 - First indented bullet point item
 - Second indented bullet point item
 - First second-level indented bullet point item
 - Second second-level indented bullet point item
 - Third indented bullet point item
- Second bullet point item
- Third bullet point item

Bullet point lists can also be created in the margin. For these, we can remove the usual left margin to increase the available horizontal space:

- Bullet item one.
- Bullet item two.
- Bullet item three.

ARR.pdf

Figure 3: Full width figure caption.

Etiam vulputate arcu dignissim, finibus sem et, viverra nisl. Aenean luctus congue massa, ut laoreet metus ornare in. Nunc fermentum nisi imperdiet lectus tincidunt vestibulum at ac elit. Nulla mattis nisl eu malesuada suscipit.

7.2 Numbered List

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros. Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie. Sed dictum nisl non aliquet porttitor.

1. First numbered item
 - a. First indented numbered item
 - b. Second indented numbered item
 - i. First second-level indented numbered item
 - ii. Second second-level indented numbered item
 - c. Third indented numbered item
2. Second numbered item
3. Third numbered item

Etiam vulputate arcu dignissim, finibus sem et, viverra nisl. Aenean luctus congue massa, ut laoreet metus ornare in. Nunc fermentum nisi imperdiet lectus tincidunt vestibulum at ac elit. Nulla mattis nisl eu malesuada suscipit.

7.3 Description List

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros. Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie. Sed dictum nisl non aliquet porttitor.

Item One Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porttitor arcu luctus, imperdiet urna iaculis, mattis eros. Pellentesque iaculis odio vel nisl ullamcorper, nec faucibus ipsum molestie.

Item Two Sed dictum nisl non aliquet porttitor.

Subitem Maecenas consectetur metus at tellus finibus condimentum. Proin arcu lectus, ultrices non tincidunt et, tincidunt ut quam. Integer luctus posuere est, non maximus ante dignissim quis.

Numbered lists can also be created in the margin. For these, we can remove the usual left margin to increase the available horizontal space:

1. Numbered item one.
2. Numbered item two.
3. Numbered item three.

Description lists can also be created in the margin:

- A1** Description item one.
- B1** Description item two.
- C1** Description item three.

Subsubitem Maecenas consectetur metus at tellus
 finibus condimentum. Proin arcu lectus, ultrices
 CPE 133 Final Lab Proposal non tincidunt et, tincidunt ut quam. Integer luctus
 posuere est, non maximus ante dignissim
 quis.

Item Three Etiam vulputate arcu dignissim, finibus sem et,
 viverra nisl. Aenean luctus congue massa, ut laoreet
 metus ornare in. Nunc fermentum nisi imperdiet lectus
 tincidunt vestibulum at ac elit. Nulla mattis nisl eu
 malesuada suscipit.

Etiam vulputate arcu dignissim, finibus sem et, viverra nisl.
 Aenean luctus congue massa, ut laoreet metus ornare in.

8 Referencing Citations

This statement requires citation [1].

This statement requires multiple citations [1, 2].

This short citation is in the margin³.

This long citation is in the margin⁴.

This statement has an in-text citation: Jones and Smith [1].

9 Link Examples

This is a URL link: DuckDuckGo.

This is a email link: example@example.com.

This is a monospaced URL link: `https://duckduckgo.com`.

Links can be clicked in
 the PDF to navigate to the
 linked website or email
 address.

10 Equation

$$\cos^3 \theta = \frac{1}{4} \cos \theta + \frac{3}{4} \cos 3\theta \quad (1)$$

This statement automatically references the equation above
 using its label: Equation ??.

11 International Support

CPE 133 Final Lab Proposal

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ÀÁÂÃÄÅÈÉÊËÌÍÎÏÐÓÔÕÖØÙÚÛÜÝŸÑ

ßÇÆĖČŠŽ

Plex is a very high quality typeface produced by IBM. It includes extensive international support and characters.

12 Displaying Code

The block below is a code listing. It displays code in an easy to use way with line numbers for quick reference to specific parts of the code.

```

1 {
2   "city": [
3     {
4       "id": 1,
5       "name": "Toronto",
6       "country": "Canada",
7       "population": 6200000
8     },
9     {
10      "id": 2,
11      "name": "New York",
12      "country": "United States of America",
13      "population": 8800000
14    }
15  ]
16 }
```

Reference List

CPE 133 Final Lab Proposal

-
- [1] A. B. Jones and J. M. Smith. “Article Title”. In: *Journal title* 13.52 (Mar. 2024), pp. 123–456. DOI: 10.1038/s41586-021-03616-x.
 - [2] J. M. Smith and A. B. Jones. *Book Title*. 7th. Publisher, 2023.

Appendices

CPE 133 Final Lab Proposal

A Appendix Section

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam auctor mi risus, quis tempor libero hendrerit at. Duis hendrerit placerat quam et semper. Nam ultricies metus vehicula arcu viverra, vel ullamcorper justo elementum. Pellentesque vel mi ac lectus cursus posuere et nec ex. Fusce quis mauris egestas lacus commodo venenatis. Ut at arcu lectus. Donec et urna nunc. Morbi eu nisl cursus sapien eleifend tincidunt quis quis est. Donec ut orci ex. Praesent ligula enim, ullamcorper non lorem a, ultrices volutpat dolor. Nullam at imperdiet urna. Pellentesque nec velit eget euismod pretium.

B Appendix Section

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C Appendix Section

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam auctor mi risus, quis tempor libero hendrerit at. Duis hendrerit placerat quam et semper. Nam ultricies metus vehicula arcu viverra, vel ullamcorper justo elementum. Pellentesque vel mi ac lectus cursus posuere et nec ex. Fusce quis mauris egestas lacus commodo venenatis. Ut at arcu lectus. Donec et urna nunc. Morbi eu nisl cursus sapien eleifend tincidunt quis quis est. Donec ut orci ex. Praesent ligula enim, ullamcorper non lorem a, ultrices volutpat dolor. Nullam at imperdiet urna. Pellentesque nec velit eget euismod pretium.