School of Planning
Cooperative Education
Work Report Guidelines

University of Waterloo
School of Planning (SOP)
Waterloo ON

Firstname Lastname, ID 00000000

4A PLAN
Firstname Lastname  
1 First Street  
Streetsville ON L0L 0N0  

January 1, 2016  

Dr. (UG Officer Name)  
Undergraduate Officer  
School of Planning  
University of Waterloo  
200 University Avenue West  
Waterloo ON N2L 3G1  

Dear Dr. (Current UG Officer Name),  

The enclosed report, entitled "Cooperative Education Work Report Guidelines" is my fourth (4B) work term report. Prepared for the University of Waterloo’s School of Planning (SOP), this document provides SOP Cooperative education students with a comprehensive set of school-specific guidelines to follow while completing their own work term reports.  

During the Spring and Fall terms of 2015, I was employed as a Work Term Report Evaluator by the School of Planning. Under the supervision of Barbara Brown, Academic Services Manager, I completed this update to the 2016 edition of the SOP work report guidelines, in conjunction with a Winter 2016 transition to electronic work report submissions. The new guidelines will come into effect for students on work term during the Fall 2016 term, and submitting for the January 2017 deadline.  

This report was written entirely by me and has not received any previous academic credit at this or any other academic institution. I would like to acknowledge Carol Carter for her topic advice and content feedback, and Dan Davis for proofreading this report. I received no other assistance.  

Sincerely,  

Firstname Lastname

ID# 00000000
## Contents

List of Tables ............................................................................................................................................... ii
List of Figures ............................................................................................................................................... ii
Summary ................................................................................................................................................... iii

1.0 Introduction .......................................................................................................................................... 1

2.0 General Report Information .............................................................................................................. 2
  2.1 Importance of Reports ....................................................................................................................... 2
  2.2 Academic Integrity ............................................................................................................................. 3
  2.3 Report Sequence ................................................................................................................................. 4
  2.4 Non Standard Work Terms ............................................................................................................... 5

3.0 Report Development Process ........................................................................................................... 5
  3.1 Writing Resources ............................................................................................................................... 5
  3.2 Formatting Requirements ................................................................................................................... 6
  3.3 File Back Ups ................................................................................................................................... 6
  3.4 Preparation and Planning ................................................................................................................... 7
  3.5 Subject ............................................................................................................................................. 7
  3.6 Audience .......................................................................................................................................... 8
  3.7 Outline ........................................................................................................................................... 8
  3.8 Draft ............................................................................................................................................... 9
  3.9 Revisions ......................................................................................................................................... 10
  3.10 Final ........................................................................................................................................... 11
  3.11 Online Submission .......................................................................................................................... 12
  3.12 Deadline ..................................................................................................................................... 12
  3.13 Evaluation and Feedback ................................................................................................................ 13

4.0 Detailed Report Structure .................................................................................................................. 14
  4.1 Cover page and Letter of Submittal .................................................................................................. 15
    4.1.1 Cover/Title Page ....................................................................................................................... 15
    4.1.2 Letter of Submittal .................................................................................................................... 15
  4.2 Preliminary Pages ............................................................................................................................. 16
    4.2.1 Table of Contents ..................................................................................................................... 17
    4.2.2 List of Tables ............................................................................................................................ 17
    4.2.3 List of Figures ........................................................................................................................... 18
    4.2.4 List of Appendix Tables and Figures ......................................................................................... 18
    4.2.5 Summary ................................................................................................................................ 22
  4.3 Main Pages ..................................................................................................................................... 19
    4.3.1 Introduction Section .................................................................................................................. 19
    4.3.2 Body Content ............................................................................................................................ 21
    4.3.3 Tables and Figures Details ......................................................................................................... 22
    4.3.4 Conclusions Section .................................................................................................................. 23
5.1 Work reports help develop students’ written communications skills ........................................ 25
5.2 Guideline updates support an electronic report production environment .................................. 26
5.3 A clearly and logically organized report helps to convey your message ................................ 26

6.0 Recommendations .......................................................................................................................... 26
6.1 Use the work report process to your advantage ........................................................................ 26
6.2 Become proficient with electronic document formatting tools .................................................... 26
6.3 Structure and proofread your report to support your intended message ................................... 27

References ............................................................................................................................................... 28
Appendix A – Remote Access to Personal UW Server Space ............................................................. 30
Appendix B – Submission Checklist .................................................................................................... 31
Appendix C – Work Report Evaluation Rubric .................................................................................... 32
Summary

Work term reports are often used as a means of evaluating students enrolled in co-operative education programs. Guidelines typically support students’ work term report preparation efforts. At the University of Waterloo, in the School of Planning (SOP), work term reports have traditionally been submitted in hard copy format. The School’s associated guidelines reflected a paper-based report production process. Between May and December 2015, the SOP updated the work report submission process to take advantage of the University’s existing online learning management system, UW-LEARN. This change prompted the associated updates to work report guidelines which are found in this report. Key aspects of cooperative education work term reporting are detailed, including general report information, the report development process and detailed report structure. Updates associated with technology-based report production are emphasized. Each section of the revised guidelines provides an important contribution to the overall work report development process. Detailed attention to the guidelines is recommended for students completing work reports for the School of Planning at the University of Waterloo.
1.0 Introduction

Co-operative education is a process in which students take on paid, discipline-related employment as a formal integrated component of their academic course of study. Applying academic theory in the workplace allows students to develop both discipline-specific and transferable interpersonal, communications, and problem solving skills (Weisz & Smith, 2005) as well as helping to them to form career path decisions (Zegwaard & Coll, 2011). Additional benefits to students include improved academic performance, increased self-confidence, and improved interpersonal, professional and communication skills (Van Gyn, Cutt, Loken & Ricks, 1997; Coll & Chapman, 2000; Carrell & Rowe, 1993; Cates & Langford, 1999). Academic institutions often require written reports as a means of evaluating student development related to a work term experience. Student repetition of such tasks supports the development of superior writing skills and abilities (Johnstone, Warbaugh & Ashfield, 2002).

The University of Waterloo’s Co-operative Education and Career Action Department (UW-CECA) emphasizes the written work term report as a means of assessing and developing student writing skills. Written communication is valued as a transferable skill which can benefit students in many different work environments (UW Co-operative Education, n.d.). School-specific guidelines support students’ production and evaluators’ assessments of these reports. Within the University’s School of Planning, work report guidelines to date have reflected an older, paper-based report production process. Work term reports have been submitted in hard copy format, in contrast to a long tradition of electronic or ‘soft’ copy submissions in other SOP courses. In the Fall term of 2015, a proposal was put forward to transition to electronic soft copy submissions via UW-LEARN, and to update the work term report guidelines accordingly.
After receiving approval for this update, a SOP Courses and Communities Resource group was established on UW-LEARN, the University of Waterloo’s online learning management system.

Electronic work report submissions were piloted in January 2016.

The current report documents work report guideline updates which were completed as of October 2016. The update project’s objectives include emphasizing the work report as a student skill development tool, removing content related to paper-based report preparation, adding new material regarding word processing tools and electronic report submission, and clarifying certain of the detailed guideline instructions. To further support students’ efforts where work report preparation is concerned, the guidelines have been re-organized to match the formatting and structure of a work report submission. Guideline users should note that work reports must demonstrate critical analysis abilities. This document is in fact a user manual of sorts, and as such would not be considered acceptable as a work report due to its lack of analytical content. The new guidelines are expected to support improved student experience and performance related to the work report preparation and submission process.

Note: These guidelines were developed by the School of Environment, Resources and Sustainability, but adapted for use by the School of Planning.

2.0 General Report Information
This section contains important information on the importance of written reports, of student academic integrity, the sequence of report submissions, and non-standard work terms.

2.1 Importance of Reports
Work reports are a critical aspect of the co-op work term experience. The ability to write a strong analytical report is a transferrable skill that will benefit you in any workplace (UW
Cooperative Education, n.d.). Your ability to communicate effectively in writing adds value to the knowledge and skills you acquire in academia and at work. Collecting, organizing and presenting information in a logical and concise form is critical to effective communication. While your target audience may vary, a report’s structure and organization must nonetheless convey the exact meaning intended.

A work report illustrates your acquired understanding and experience. A good work report shows evidence of critical analysis, logical organization, clarity, and conciseness. It enables you to practice your skills of presentation, argument, evaluation and calculation, and provides a permanent record of your work. To underscore the emphasis placed on the art of writing, the Dean’s Office offers a $100.00 award for the best work report each term.

2.2 Academic Integrity

Integrity is "the quality of being honest and having strong moral principles that you refuse to change" (Cambridge University Press, 2015). Academic Integrity (AI) is the cornerstone of research, teaching, and learning (University of Waterloo Office of Academic Integrity (UW-OAI), n.d.a). Students at the University of Waterloo are expected to personally demonstrate academic integrity in their work: to know what constitutes AI, to avoid committing AI offences, and to take responsibility for their actions (UW-OAI, n.d.b). When completing work term reports, SOP co-op students shall reference all ideas, words or other intellectual property obtained from other sources used in the completion of each report. All sources must be acknowledged in a properly formatted reference list.

By signing the Letter of Submittal, each student certifies that their report has been completed by their own efforts, and that it has not previously been submitted for evaluation at the
University of Waterloo or at any other education institution. Any collaboration with a work term supervisor or co-worker must be pre-approved and fully described and acknowledged in the Letter of Submittal.

Students who are unsure whether an action constitutes an offence, or who need help in learning how to avoid offences (e.g., plagiarism, cheating) or about group work / collaboration rules should seek guidance from the course professor, TA, academic advisor, or the Undergraduate Associate Dean (UW-OAI, n.d.b). Plagiarism is punished severely in the University environment, usually by expulsion, if there is evidence of fraudulent intent.

2.3 Report Sequence

In the School of Planning at the University of Waterloo, the first co-operative work term report is contained in the PD1 and PD12 courses students take prior to and during their first work term placement.

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>TERM</th>
<th>SUBMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>1A</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>1B</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>2A</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>2B</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>WT</td>
<td>Submit first report to UW-CECA through PD12</td>
</tr>
<tr>
<td>F</td>
<td>3A</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>3B</td>
<td>Submit second Report (WKRPT 200E) to UW-LEARN</td>
</tr>
<tr>
<td>F</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>4A</td>
<td>Submit third Report (WKRPT 300E) to UW-LEARN</td>
</tr>
<tr>
<td>S</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>4B</td>
<td>Submit fourth Report (WKRPT 400E) to UW-LEARN</td>
</tr>
</tbody>
</table>

Table 1 - Work Report Submission Sequence

This set of guidelines applies to the second, third and fourth work reports. These are submitted via a dedicated UW-LEARN Dropbox after each work term placement (Table 1).
Three work term report credits must be completed prior to your double work term placement.

Only one co-operative work-term report is required for the double work term with the same employer (or two separate employers). The report for the double work term fulfills the fourth work term report requirement.

2.4 Non Standard Work Terms
All co-op students must submit a report at the end of a scheduled work term. In some cases, students in co-op find suitable employment outside the JobMine system. These students must register their external placement with UW-CECA, and submit their work report following the placement to remain in good standing.

3.0 Report Development Process
This section contains specific information on available writing resources, report backup requirements, and the sequence of work term report development and submission.

3.1 Writing Resources
Many writing resources are available to students at the University of Waterloo. A selection of relevant language, formatting and referencing material has been provided for SOP Co-op students’ use and benefit, via the UW-LEARN SOP Co-op Student Community Group. Students may also opt to take a suitable academic writing elective such as ENGL 109 Introduction to Academic Writing, or ENGL 129R Introduction to Written English. Both ENGL 109 and ENGL 129R are offered online, and may be taken during a work placement. The University of Waterloo’s Writing Clinic offers online resources. When you are on campus, you can participate in their regular drop-in sessions as well as various workshops.
3.2 Formatting Requirements

Each work term report submission shall adhere to the following formatting requirements:

- Minimum 7 pages (maximum 12 pages) of double spaced text (Cover/title page, Letter of Submission, preliminary pages, tables, figures, References, Glossary and Appendices are not included in the page count).
- Set a 2.5cm (1.0 in) margin on all page borders.
- Apply consistent section and subsection heading styles (Fig 1) throughout, for organization purposes and also so that you may take advantage of tools such as an automatic Table of Contents and Document Map (Word 2007) or Navigation Pane (Word 2010, 2013).
- Use double spacing throughout (Letter of Submittal and Table of Contents may be single-spaced).
- Use a readable 12 pt. font such as Times New Roman, Arial, Calibri or similar.
- Use section breaks to separate Cover/Title Page, Letter of Submittal, Preliminary and Main sections, for page numbering purposes.
- Number your report’s pages according to the section-specific guidelines provided in sections 4.2 Preliminary Pages and 4.3 Main Pages, below.

If you are unfamiliar with certain page or document setup tools, there are a variety of helpful resources available. For example, when using Microsoft Office programs such as Word, the F1 key will give you access to a searchable Help database and associated tutorials. Microsoft also provides a searchable Office support database available via https://support.office.com.

3.3 File Back Ups

Students are 100% responsible for maintaining backups of any report material created. There are a wide variety of options for file backups including: portable USB flash drives; external hard drives; secondary laptops or home desktop PCs; online 'cloud' storage such as Skydrive, Dropbox or similar, and personal, remotely-accessible file storage space on the University of Waterloo’s ‘N drive’ (Appendix A). Set yourself a regular reminder to save copies of your work.
in two separate locations. No accommodation will be made for work reports handed in late due to lost or corrupted files.

3.4 Preparation and Planning

Early in the work term, meet with your supervisor to discuss the type of work you are doing and possible topics for your report. Ensure that your supervisor is familiar with the report requirements and with these guidelines.

Prepare a research schedule and keep an organized record of observations, materials, equipment, and meetings. Remember that seemingly unimportant items may be useful in your report. Your report's preparation is an ongoing part of your work term, not a chore for the end of term.

**Note: Expect to research and prepare your work report on your own time.** Employers are not obligated to provide you with the time to work on your report. If you are assigned the report by the employer and it will benefit the organization, your supervisor may allow you to work on it during your paid hours.

3.5 Subject

Perhaps the most difficult part of actually writing your work report is choosing the topic. Select a topic that is relevant, manageable and usable (as opposed to being deemed confidential by your employer). It does not have to be the equivalent of a Senior Honours Essay or research project, original research or relate to a new technical discovery. **Your report must, however, be supported by peer reviewed academic research.**

One of the easiest ways to discover topics that may work for you is to consult with your supervisor. Often, employers will have activities they would like to undertake but cannot seem
to find an appropriate amount of time to do the work. This is a perfect opportunity for you to investigate one of these activities as a topic for your work report.

Although the topic does not have to be your idea, the report must be your own work and you are required to make a signed declaration to this effect in your letter of submission (recall section 2.2 Academic Integrity). The work report is evaluated as a professional document. Your work report grade is based on the factual content and accuracy of the report as well as its presentation and clarity.

3.6 Audience
The way in which you write a report depends on your audience. For example, a report directed at the vice-president of an organization is written differently from a report directed at a co-worker in a specialized field. Your report may be widely circulated: your fellow employees and supervisors, as well as your field co-ordinator and faculty members, may read it.

As you write the report, focus on one type of reader only. State the audience for whom the report is written. If the report is being written at the request of your supervisor, mention this in both your letter of submittal and in the introduction. If your report contains specialized terminology and you are writing for a technically trained audience, your terms do not need further explanation. If you are writing for a large audience that is only slightly familiar with your work, you need to explain your terminology more carefully. You should always assume that your evaluator falls into the "large audience" category and write accordingly.

3.7 Outline
Prepare an outline of topics and subtopics. Major sections should include: Introduction, Body (which may include Methods, Results and Discussion), Conclusions and Recommendations.
Consider what information should be included in each topic, and where tables of figures may be needed. Arrange the topics in a logical order, number them, and add short notes to each as you think of more ideas. You should spend quite a bit of time in this planning stage. Starting with a well-organized plan helps you to write a clear presentation for your reader. Finally, consider the purpose of your report; keeping your purpose in mind focuses your writing.

Markel and Holmes (1994) suggest several methods for arranging and developing a report. Ideas, methods, objects, or alternatives can be discussed using any of the following strategies:

- in problem/method/solution response
- in cause and effect sequence
- in chronological (time) sequence
- in a spatial (or location) sequence
- in order from general to specific
- in order from most important to least important.
- by classification (group ideas/objects into similar classes)
- by partition (separate ideas/objects into component parts)
- by comparing (show similarities between ideas/objects)

Decide which order, pattern, or sequence is most useful for your topic and audience. Proper planning yields an outline of headings and lists of connected ideas (Andrews & Ratz, 1995).

3.8 Draft

Read over your outline before you begin to write. You may wish to start writing with the introduction, or you may feel more comfortable starting in the main body of the report. The important thing is to start writing. Do not be too concerned with spelling, punctuation, or grammar in the first draft. Try to choose words that convey your meaning to the reader.
After you have written a few sections, leave your report for a while. When you return to your report, read the sections you wrote to ensure that you have considered your audience and followed your outline. **When you have completed your first draft, ask your supervisor to read it and offer suggestions. Also ask someone who is unfamiliar with the technical aspects of your work to read the draft and appraise its comprehensibility and suitability.**

### 3.9 Revisions

When revising your draft, remember that you are aiming for clear, concise writing. Individual paragraphs should cover a single topic only. At the start of each paragraph, introduce its topic. Explain details in its midsection, and provide a succinct summary to close. Including linking sentences, which connect one paragraph to the next, can improve logical flow between paragraphs or sections.

Sentence structure and formal tone are both important elements of clear and concise academic writing. Avoid run-on sentences, and look up synonyms to help prevent repetition of frequently used terms. Use specific rather than vague terms (e.g. ‘three’ rather than ‘a few’), while avoiding effusive language, exaggeration, and slang. Attention to details of structure and tone will support the development of a well-written work term report.

Within each sentence, pay attention to spelling and grammar. If uncertain about a particular word, look up its correct spelling and definition to ensure its correct use. To increase clarity and reduce wordiness, choose ‘active’ voice (subject-verb-object, e.g. ‘the dog ate my homework’) over ‘passive’ voice (object-verb-subject) e.g. ‘my homework was eaten by the dog’). Note that automatic spell and grammar checks are not guaranteed to identify every error. Ensuring
correct spelling and grammar improves clarity as well as logical flow within your written submission.

Go through the report several times to check the logic, clarity, punctuation, and layout. Finally, ask yourself if the report is doing what you want it to do, and if it makes sense. Overall, attention to structure, tone, grammar and spelling supports writing that is clear, concise and of good academic quality.

A long document can be challenging to navigate for revising purposes. Consider using tools such as Microsoft Word’s ‘Navigation Pane’ (2010, 2013) or ‘Document Map’ (2007). To use these features, apply appropriate heading styles (recall Fig 1) to your report’s section and subsection headings.

3.10 Final

Prior to submitting your final report, careful proofreading is required. Printing your report can help you spot errors you may not have noticed on screen. Note that spell check tools will not necessarily catch dropped, poorly chosen, or incorrect words. Read your draft aloud, slowly, to help you spot and eliminate grammatical and stylistic errors. A neat, well-organized and accurate report, free of typographical mistakes, will give the reader confidence in your abilities. Before submitting your report to the Dropbox, use a checklist (Appendix B) to ensure that all required elements have been included.
3.11 Online Submission
Students shall submit a final soft (electronic) copy of each work term report online, using a Dropbox provided via the SOP Courses and Communities Resource group. Use the following file naming protocol for your online submission: Lastname_Firstname_ 
CurrentEnrolledTerm#_Report# (e.g.: Jones Julian_3B_WRKRP 200E.docx). If UW-LEARN is down on the deadline date, you may email a copy of your report to Taylor Ertel (t3ertel@uwaterloo.ca).

3.12 Deadline
Students must submit co-op work-term reports not later than the 10th day of classes in the term following the co-op work term (e.g., winter co-op work-term report due 10th day of classes in spring term). Students must ensure that the report is submitted to the appropriate WKRPT course in LEARN in the associated co-op term. The codes for the courses will be as follows:

- WKRPT 200E: second co-op work-term report, if PD12 successfully completed
- WKRPT 300E: third co-op work-term report, if WKRPT 200E successfully completed
- WKRPT 400E: fourth/fifth co-op work-term report, if WKRPT 300E successfully completed

Note: Successful completion of PD12 counts as first co-op work-term report.

Reports submitted by the due date will be graded by the 40th day of classes that term. If considered unsatisfactory, students will be given the option to resubmit prior to the 30th day of classes.

If a student is unable to submit a report by the due date, an extension can be requested by sending an email with reasons to the course administrator, Taylor Ertel (t3ertel@uwaterloo.ca).
The extension request should be received no later than the 10th day of classes and it will be forwarded to the Associate Dean - Undergraduate Studies for approval. If approved, the student will be given a deadline for submission that will not exceed the 30th day of classes.

As detailed in section 3.3 File Back Ups, no accommodations are made for lost or corrupted reports.

3.13 Evaluation and Feedback

Reports are graded on LEARN according to a detailed rubric (Appendix C).

Beginning with the Fall 2016 co-op term, the code WKRPT (Work-Term Report) will appear alongside the codes of PD (Professional Development) and COOP (Work-term) for terms in which a student has secured CECA-approved employment.

Unlike PD and COOP, where successful completion is indicated by a grade of CR, the following numeric grades will be used for WKRPT:

- Pass: 95, 85, 75 or 65
- Failure: 38

A grade of 38% will be assigned in the following instances:

- Report is not received by the 10th day of classes and an extension has not been requested or approved,
- Report was not submitted by assigned extension date,
- Report was submitted by the 10th day of classes but was deemed unsatisfactory,
- Resubmission of an unsatisfactory report was requested but not received by the 30th day of lectures.

The grade assigned will not factor into plan averages and the unit weight of .13 will not be counted towards degree unit requirements (20.0 units).
If any mandatory content component is omitted, the report will automatically receive an unsatisfactory/resubmit evaluation. For any reports marked unsatisfactory, students must successfully address items specified in feedback to achieve a passing grade. Resubmission of an unsatisfactory report must be submitted the 30th day of classes.

Students’ written communication skills are evident when applying for work placements and other outside employment. It is in students’ best interests to develop writing skills by pursuing an above average evaluation for each work term report.

One report per term is selected to win the SOP award for best work report. Reports that are submitted late will not be eligible to receive the award.

Text-matching software (Turnitin®) will be used to screen assignments in this course. This is being done to verify that use of all materials and sources in assignments is documented. Students will be given an option if they do not want to have their assignment screened by Turnitin®. If a student does not wish their work report to be screened by Turnitin® a hard copy must be submitted to the Course Administrator, Taylor Ertel (t3ertel@uwaterloo.ca) for their academic plan by the 10th day of classes.

Hard copy work-term report submissions will be retained for one year from the official graded date for the term in which the assignment was submitted. After that time, they will be destroyed in compliance with UW’s confidential shredding procedures.

4.0 Detailed Report Structure

A major difference between the previous guidelines and the current version is the absence of figures providing examples of each subsection of a work report. This section still contains detailed information on each component of a work term report. However, in lieu of separate
smaller examples, the guideline itself has been set up to provide one example of a work report’s structure and formatting. Recall that the content of this guideline document is not sufficiently analytical to qualify for an actual work report submission.

4.1 Cover page and Letter of Submittal

4.1.1 Cover/Title Page

Beginning at the top of the page, list the following:

- University of Waterloo
- Your Faculty
- Title of report
- Name and location of your employer
- Your name, last completed academic term, school/department, and program
- Cover/Title Page is not numbered

In Microsoft Word, you may insert and customize a built-in Cover Page to help add graphic value to the basic requirements above.

4.1.2 Letter of Submittal

The Letter of Submittal is inserted after the cover/title page, and before the Preliminary Pages.

The letter should be centred vertically on the page, and is not numbered. The body of this formal business letter must include the following:

- your report title,
- company, department and supervisor you worked for, and
- your statement of endorsement.

The statement of endorsement shall read: "This report was written entirely by me and has not received any previous academic credit at this or any other institution." Include any applicable acknowledgements. In the template provided below (Fig 1), required items are highlighted.
Write this letter in your own words, except for the statement of endorsement which must be included verbatim. Remove all added emphasis (highlighting, brackets, bold font etc.) in your own Letter of Submittal. This letter should not exceed 1 page in length.

Street Address
City, Province/Territory
Postal Code

[Month DD, YYYY]

[Recipient]
University of Waterloo
200 University Avenue West
Waterloo, Ontario
N2L 3G1

Dear [Recipient]

Introduce your report, include the [Title of Report] and indicate which report is being submitted [i.e. 200E, 300E, 400E].

Briefly describe your employer [Company Name], your department [Department] and the role of your immediate supervisor [Supervisor Name]. Briefly describe your role.

Include endorsement statement: [This report was written entirely by me and has not received any previous academic credit at this or any other institution]. Insert any acknowledgements. Confirm that you received no other assistance.

Sincerely,

[Signature]

Firstname Lastname
ID 12345678

Figure III - Letter of Submittal Template. Use this template to help you develop your own letter, written in your own words (with the exception of the endorsement statement which must be included verbatim).

4.2 Preliminary Pages

This subsection provides detailed information on the Table of Contents, Lists of Tables and Figures, and Summary components of your report. To separate your cover page and letter of submittal from your report’s preliminary pages, insert a section break (next page) (Fig 4), add page numbering at the bottom of each page (Fig 5), and set the preliminary pages’ number format to Roman numerals, starting at page 1 (Fig 6). This numbering should apply only to the preliminary pages section of your report.
4.2.1 Table of Contents
The table of contents lists all main sections in your report, and any subsections. Use an automatic Table of Contents for your report. To do so, apply Styles to your section and subsection headings. The Table of Contents on page i of this guideline file is an Automatic Table of Contents.

4.2.2 List of Tables
Where applicable, insert a List of Tables immediately after your Table of Contents. To create an automatic List of Tables, select the ‘Insert Table of Figures’ command from the Word references menu, and apply appropriate settings. To make an automatic List of Tables work, you will need to use the ‘Insert Caption’ command to apply captions for each table in your report. Do not include tables provided in Appendices.
4.2.3 List of Figures
If applicable, include this list immediately after your List of Tables. As with List of Tables, use an automatic List of Figures. To do so, apply captions for each figure, using ‘Insert Caption’. Do not include any figures provided in an Appendix.

4.2.4 List of Appendix Tables and Figures
Unless absolutely necessary, you may choose to avoid including table- and figure-dense appendices for a work term report submission. Recall that any content included in an appendix must be properly referenced in the main text of your report. In the event that you do include an appendix and it does contain many Tables and/or Figures, your preliminary pages may include a ‘List of Appendix Tables and Figures’ immediately following your List of Figures. Appendix tables may use a separate numbering system, for example Appendix A Tables may be numbered Table A-1, Table A-2 etc. while Appendix A Figures can be numbered Figure A-1, Figure A-2, etc.

4.2.5 Summary
The Faculty of Environment requires a technical report with a brief, informational summary (abstract). This section should be written last, after the rest of the report is complete. The summary provides a clear, concise and helpful content overview, allowing readers to decide whether to read the full report. Frequently, it is the only part read of a report that will be read by management.

A typical summary is approximately half a page long, and briefly presents the report’s:

- topic and purpose
- scope (e.g. spatial and/or thematic and/or time frame and/or technology version, or similar)
- major points (main section headings can provide a guide)
- highlights of the conclusions and recommendations
It can be helpful to design your abstract or summary by including one to two sentences for each major body section of your total report.

A summary does not contain extensive background information, and typically should not require in-text literature citations. The summary should stand on its own, and therefore will not refer readers to any figures or tables contained in the main report. Specific details of background, rationale, methods or analysis are not acceptable summary content. When highlighting conclusions and recommendations, focus on the most significant or key items. The summary provided on page iii of this report adheres to these guidelines.

4.3 Main Pages

This subsection provides detailed information on the Introduction, Body, Conclusions and Recommendations elements of the work term report.

4.3.1 Introduction Section

The introduction is always the first section of your main report. It presents your work and defines the problem or project. It should supply enough background information to help the reader understand why your report was written and how it relates to similar work. Your objectives should be written clearly and concisely. However, the introduction should deliver a sufficient impact to encourage continued reading.

To separate the introduction from your preliminary pages, insert a section break (next page) and set the page numbering to Arabic numerals, starting at page 1. To do so, you will need to turn off the automatic ‘Link to Previous’ setting for footer page numbering (Fig 7).
Figure VII - Header and Footer Tools. Access this menu to remove formatting links between sections, and create distinct footer formatting (i.e. Roman numerals for page numbering) for the main body of your report.

When complete, the new Arabic numbering will apply to the remainder of your report up to and including any Appendices.

Your introduction should begin with general background information including a brief literature review with references to peer-reviewed literature. When citing sources, follow the methodology (APA in-text citation and referencing style) introduced in PLAN 102 (Professional Communication). After the more general literature review, introduce your particular report’s context (such as a region, municipality, business, institution, organization, etc.), its rationale (why the topic needed to be explored). Towards the end of your introduction, provide specifics of your current work. Provide your objectives, and the report’s scope (i.e. the extent to which you will examine your chosen topic). For example, if your report has to do with adding properties to the Municipal Register of Sites of Historic Interest, you might scope your analysis down to one particular property and how it was evaluated. Where applicable, specify a hypothesis or research question. Let the reader know how you intend to approach your topic. You may also wish to mention potential outcomes of your investigation such as policy recommendations, or suggestions for future research.
4.3.2 Body Content
You have stated the problem (or project) in your introduction. The main body analyzes the problem, then summarizes and explains your findings. Organize the report into sections using a clear and consistent system of headings. If your topic dictates its own system of headings and subheadings, ensure that the reader is able to follow them easily. You may be able to follow the commonly used system of "Methods," "Results," "Discussion and Interpretations," with appropriate subheadings. To improve logical flow throughout your paper, consider aligning your main content’s structure with the organization and ordering of your Conclusions and Recommendations.

Your work report must have an identifiable analytic component. A report must not contain a simple narrative, may not be simply a users’ guide or other documentation, and may not simply summarize your work term tasks. That said, content found in a methods or results section will typically be descriptive or narrative in nature.

In comparison, any Discussion section(s) will contain analytic elements. Your analysis may include comparisons or evaluations of several items or alternatives using various criteria. A report on a single topic can be analytic if it discusses advantages and disadvantages. You could, for example, evaluate the way that your employer implements research and design, or outreach initiatives. If your report contains Methods and Results sections, the Discussion is the logical place to interpret your results and identify potential areas for future study. Note that a good Discussion section compares findings to similar work by others and therefore will include references to peer-reviewed academic literature. An analytic report contains constructive criticism and contains conclusions and recommendations. If you have difficulty identifying conclusions, then you likely have insufficient analytic content.
4.3.3 Tables and Figures Details
Tables and figures help clarify your work for the reader. Any table or figure must serve a specific purpose. Consider the nature of your particular report, and whether the information is better presented graphically or in a table. For example, a figure such as a site map is sometimes included at the start of a Methods section, in a study area subsection. When used, any table or figure should be placed as soon as is practical after its associated in-text reference.

In the report’s main body, tables and figures can be used to provide a more concise display of data. For example, in a Results section you might use a table or figure to compare summary statistics from two different sites, or perhaps two different time periods. In some reporting contexts, it may be suitable to use a table to compare attributes of two different approaches to solving a problem. This kind of data display may sometimes be used to provide a summing up of your analysis, supporting in turn the conclusions to follow. Raw data should not be included in a report and if included at all, would typically be found in an Appendix.

Use a Table only when you need to present complex or voluminous data involving several variables. If the data set is small or the variables few in number, consider putting the information into the text rather than into a table. If you do use tables, check in journals or reference books in your discipline for layout and design examples. Generally, static elements are listed vertically and variables are listed horizontally. Do not separate vertical columns with lines. For all data included in your table(s), use standard rules for applicable SI Units. These rules are often summarized in reference books on writing reports.

Whether table or figure format is chosen, the summary data display should be given a descriptive caption. Captions for both tables and figures must be concise, but must also be inclusive and comprehensive. The caption and its table (or figure) are inseparable; either is
usually meaningless alone. Where applicable, the table or figure’s source should be provided in
the caption itself. Refer to published journal articles to get a sense of how table and figure
captions are written.

The main report’s text should not detail the contents of each cell in a table. Only highlights of
summary data should be described in main text, with the corresponding table or figure properly
cited.

4.3.4 Conclusions Section
Conclusions and recommendations are very important to your report and there is frequent
confusion over the content of these separate items. A simple rule is to place any statements
that you can derive from the main body's investigation in the conclusion of your report.

Conclusions may only be drawn if they are supported fully by the analyses described in the
body of your report. To support logical flow, consider organizing your conclusions section to
reflect the structure of your paper’s main body.

Conclusions should be brief, but complete and understandable. You may use lists, but easy-to-
read sentences are best. Each paragraph should deal with only one aspect of the study.
Organize your conclusions using subheadings. These subheadings may take the form of concise
conclusion statements.

4.3.5 Recommendations Section
Include in the recommendations any comments that you feel might assist in future activities.
These future activities are probably not your responsibility, and you should attempt to give the
reader the benefit of your experience from working on the problem. Recommendations are
essentially speculative, but they should follow logically from your report’s main body and conclusions.

Recommendations should be organized in the same manner as conclusions, using subheadings. Subheadings may take the form of concise, instructive or directive statements. Providing a subheading for each separate recommendation allows a reader to view them easily in your Table of Contents. Two or more recommendations are expected.

4.4 References Section
The references section may also be named Literature Cited, Works Cited or Bibliography according to preference (or course-specific instructions). APA style is used for citations and referencing in all cases. Provide an APA-formatted reference list item for each work cited in text, and vice versa. Do not list publications that have not been cited. Purdue University’s Online Writing Lab (OWL) provides detailed instructions for a wide variety of APA citation (Paiz et al., 2014) and referencing (Paiz et al., 2013) requirements. Detailed examples of approved style for periodicals, books, and electronic sources are also provided.

4.5 Glossary Section
Add a glossary only if the text is heavy with specialized terms, mathematical symbols, or technical jargon. If you have only the occasional technical term in your report, define it as part of the text, e.g.: Ontario Heritage Act, Regulation 9/06 which outlines the criteria for designation or special recognition of an historic property.

4.6 Appendix Section(s)
Not all reports have or need an appendix. If included, an appendix should contain any information that substantiates the report, but that is not required for a comprehensive understanding of your work. The appendix may contain bulky data such as lengthy tables,
descriptions of processes or operations, analytical procedures, or maps. For multiple appendices, assign consecutive letters or numbers along with names to each, for example: "Appendix A -- Detailed Street Calculations," "Appendix B -- Bearing Plate Calculations" or “Appendix 1 – Site Maps”. In the event that you do use one or more appendices and need to include a series of tables or figures, these may be numbered Table A-1, Table A-2 and/or Figure A-1, Figure A-2 etc. These items may be included in your preliminary pages, after your main Table and/or Figure Lists, as a List of Appendix Tables and/or List of Appendix Figures. Note that captioning and numbering appendix tables and/or figures can be difficult, and the generation of a related automatic List of Appendix Tables (and/or Figures) may be similarly complicated.

5.0 Conclusions
Please recall that this report is written as a guideline, or user manual, which is typically not suitable content for a work term report. As such, the following conclusions do not represent findings drawn from an analytical process. The content below provides a simple example of suitable structure, by linking to the report’s objectives and overall design. In contrast, your report’s conclusions must reflect your demonstrated critical analysis skills.

5.1 Work reports help develop students’ written communications skills
Work term reports add value to the cooperative education experience from both the student’s and the evaluator’s perspective. An alternating schedule of practical experience and related academic writing, while adhering to academic integrity principles, are core elements of the University of Waterloo’s cooperative education program. Writing work term reports and receiving constructive feedback helps develop students’ formal written communication skills.
5.2 Guideline updates support an electronic report production environment
The University of Waterloo offers a wide variety of academic writing support, including

guidelines for work term reports. Until recently, these guidelines have reflected an older,

paper-based tradition. The updated SOP work report guidelines reflect electronic production

and submission processes that are commonplace throughout the rest of the school, the
campus, and the workplace in general.

5.3 A clearly and logically organized report helps to convey your message
The work report guidelines provide a basic template for reporting structure. Using such a

template allows readers to readily locate and focus on specific items of interest. A thoughtfully

organized report helps readers follow the author’s logical flow of ideas, and understand how

the author arrived at their stated conclusions and associated recommendations.

6.0 Recommendations

6.1 Use the work report process to your advantage
Constructive work report feedback can help you deliver increasingly impressive written

products. Building your communications skill set increases your chance of achieving a desirable

employer evaluation. Setting yourself apart with an above average evaluation can help make

you more attractive to potential employers when competing for future placements.

6.2 Become proficient with electronic document formatting tools
The updated guidelines contain a number of useful electronic report formatting tips. Built-in

cover page, heading styles, page numbering, section breaks, header and footer formatting,
captions and document navigation can all be valuable assists to electronic document

production. In addition to the information provided in this report, extensive word processing

support resources are available both within specific applications, and online.
6.3 Structure and proofread your report to support your intended message
Use the basic report template to structure your report, with modifications to the main body as appropriate to your specific topic. Pay careful attention to grammar and proofreading. Ensure that your report’s design clearly links your objectives and main body sections to your conclusions and associated recommendations. The combination of logical flow and linguistic clarity will support your ability to communicate your message effectively.
References


Appendix A – Remote Access to Personal UW Server Space

Resources for remote access to files saved on UW servers:

UW Virtual Private Network

https://uwaterloo.ca/environment-computing/services-support/virtual-private-network-vpn

UW Environment Computing Personal File Storage (‘N Drive’)

https://uwaterloo.ca/environment-computing/services-support/file-storage
## Appendix B – Submission Checklist

<table>
<thead>
<tr>
<th>Complete</th>
<th>Checklist</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum 7 pages; maximum 12 pages</td>
</tr>
<tr>
<td></td>
<td>All margins 2.5cm (1.0 in)</td>
</tr>
<tr>
<td></td>
<td>Heading styles applied to sections and subsections</td>
</tr>
<tr>
<td></td>
<td>Double spaced (Letter of Submittal and Table of Contents may be single spaced)</td>
</tr>
<tr>
<td></td>
<td>12 point font</td>
</tr>
<tr>
<td></td>
<td>Section breaks applied, to accommodate page numbering</td>
</tr>
<tr>
<td></td>
<td>Preliminary and main pages appropriately numbered in section footers</td>
</tr>
<tr>
<td></td>
<td>Written in formal standard English</td>
</tr>
<tr>
<td></td>
<td>Spell-checked <em>and</em> proofread</td>
</tr>
<tr>
<td></td>
<td>Cover/Title Page</td>
</tr>
<tr>
<td></td>
<td>Letter of Submittal</td>
</tr>
<tr>
<td></td>
<td>Table of Contents</td>
</tr>
<tr>
<td></td>
<td>List(s) of Tables and/or Figures</td>
</tr>
<tr>
<td></td>
<td>Summary</td>
</tr>
<tr>
<td></td>
<td>Introduction</td>
</tr>
<tr>
<td></td>
<td>Analytical Main Body</td>
</tr>
<tr>
<td></td>
<td>Conclusions</td>
</tr>
<tr>
<td></td>
<td>Recommendations</td>
</tr>
<tr>
<td></td>
<td>References</td>
</tr>
<tr>
<td></td>
<td>Appendix or Appendices, if required</td>
</tr>
<tr>
<td></td>
<td>Submit to online drop box in advance of the term deadline</td>
</tr>
</tbody>
</table>
Appendix C – Work Report Evaluation Rubric

Co-operative Education Programs
Evaluation of Work Term Report

<table>
<thead>
<tr>
<th>Graphics of Report</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Resubmit</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Front Cover</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* Title Page</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* Letter of Submittal (incl. declaration)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* Table of Contents</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>List of Tables</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>List of Illustrations</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Use of sections and headings</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Overall Appearance</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Structure</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Resubmit</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Summary (should contain)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>a) Purpose of report</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>b) Scope of report</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>c) Major points of body</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>d) Summary of conclusions and recommendations</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* Introduction (should contain)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>a) Background</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>b) Objectives</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* Conclusions</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* Recommendations</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>* References</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Appendices</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Literary Quality</th>
<th>Outstanding</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Satisfactory</th>
<th>Resubmit</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grammar</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Spelling</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Clarity</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Style</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Quality of Subject Matter</td>
<td>Outstanding (85%)</td>
<td>Excellent (85%)</td>
<td>Very Good (75%)</td>
<td>Satisfactory (65%)</td>
<td>Resubmit</td>
<td>Comments</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------</td>
<td>----------------</td>
<td>----------------</td>
<td>-------------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>Suitability of Topic</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
</tr>
<tr>
<td>Command of Topic</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
</tr>
<tr>
<td>Analytic Content</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
</tr>
<tr>
<td>Thoroughness of Treatment</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
<td>![Score]</td>
</tr>
</tbody>
</table>

Would you recommend this report be shown by the student at employer interviews

Yes [ ] No [ ]

Evaluator’s Comments: