

## Instructions and Marking Key for FRST 305 Silviculture Prescription Defense and Final Report

The Silviculture Prescription Defense/Field Exams will be in the field on Tuesday Nov 29th between 12:15 pm noon and 3:30 pm. The schedule is posted on the Announcements tab. Crews will meet with the examining team at the SP site along the Agroforestry trail. Bring a map of your site showing EU's, TU's, access and wet areas and a summary of your treatment regime and costs. Your crew will have 5 minutes (maximum) to give an overview of your SP at the beginning of the field defense. Each crew member will then be asked questions about the site and stand diagnosis, target stands, and/or prescribed treatments. Crew members will be graded individually. If you do not achieve a grade of 60% on the field exam you must attend a remedial session and exam in December. The defense/exam grade will contribute to your overall mark for the SP (max 7/25).

Final Crew reports are due Friday, December 2nd by 5:00 pm. Prepare these as PDF copies and email them to [Stephen.Mitchell@ubc.ca](mailto:Stephen.Mitchell@ubc.ca) also print them out and put them in a binder and put them in the box outside of FSC 3038. The final report must contain:

- Introduction: state the objectives of this exercise in your own words, describe the location of the SP site and management context, state the management objectives for the site.
- Methods: the steps you took to prepare your prescription and the assumptions involved in its preparation.
- Results and Discussion:
  - Update and insert your **Summary of ecological conditions, target stand and rationale document.**
  - Update and insert your **Treatment regime and rationale document.**
  - Add a section describing and giving the rationale for any density management or other intermediate treatments that you plan to conduct prior to final harvest.
  - Add a section that summarizes the ecosystem services, features and goods that will result in the short and long term from your prescription. Discuss the potential value of these goods, features and services (quality, quantity and price), and whether the cost of producing these goods and services is justified.
  - Add a section that summarizes how your prescription addresses the recreation, windthrow and fuel management concerns of the local residents group.
  - Refer to your SP map or maps (appendix).
- Conclusion
  - what makes this the most suitable SP for your site.
  - what did you learn from this exercise.
  - how could it be improved for next year.

- References. List the references you used in preparing this document.
- Appendices:
  - Your **final SP map** showing EUs, TUs, access, trails, wet areas (base-photo with overlays is recommended).
  - A summary of the cost of your silviculture and harvesting operations, the potential revenue from timber (and other goods and services to be obtained in the first 10 years following harvest), and the net revenue to be obtained in the first 10 years.
  - Your **SP field cards**.
  - Your **preliminary reports and maps** (in the paper version of your report only, not in the PDF version).

The grade for the final report will contribute to your overall mark for the SP (max 7/25).

Grading for each component will cover quality of field work, presentation and content. All members of the crew will receive the same mark for the crew submissions (items 4a,b,c and 6)\*\*.

\*\*Working in team environments is a key component of professionalism. All crew members are expected to contribute equally to crew components of the SP project. If at any time during the term difficulties arise between crew members, contact Steve Mitchell to arrange a meeting with the crew. If necessary, each member of the crew will be asked to summarize their contributions to the project and those of their crewmates. Marks may be deducted from the final SP mark of crew members who do not contribute their fair share.

## FRST 305: Marking Key for Final Silviculture Prescription Report

Grading for each component will cover quality of field work, presentation and content. The concise, typed final report must contain:

Component	Mark	Comments
Introduction: state the objectives of this exercise in your own words, describe the location of the SP site and management context, state the management objectives for the site.	/ 2	
Methods: briefly summarize the steps you took to prepare your prescription and the assumptions involved in its preparation.	/ 1	
Results and Discussion: <ul style="list-style-type: none"> <li>• Update and insert material from your <b>Summary of ecological conditions, target stand and rationale document</b></li> <li>• Update and insert material from your <b>Treatment regime and rationale document</b> Add table numbers and captions</li> <li>• Add a section describing and giving the rationale for any density management or other intermediate treatments that you plan to conduct after free-growing but prior to final harvest.</li> <li>• Add a section that summarizes the ecosystem services and goods that your prescription will produce in the short and long term. Discuss the potential value of these goods and services (quality, quantity and price), and whether the cost of producing them is justified.</li> <li>• Add a section that summarizes how your prescription addresses the recreation, windthrow and fuel management concerns of local residents.</li> <li>• Refer to your SP map or maps (appendix).</li> </ul>	/ 8	
Conclusion <ul style="list-style-type: none"> <li>• What makes this the most suitable SP for your site?</li> <li>• What did you learn from this exercise?</li> </ul>	/ 2	
References. List the references you used in preparing this document.	/ 1	
Appendices: <ul style="list-style-type: none"> <li>• Your <b>final SP map</b> (base-photo with separate EU and TU overlays, include legend, scale and north arrow).</li> <li>• A table summarizing your costs, revenue and net revenue.</li> <li>• Your <b>SP field cards</b>.</li> <li>• Your <b>preliminary reports and maps with my comments</b> (in the paper version of your final report only, not in the PDF version).</li> </ul>	/ 4	
<b>Digital Copy of SP in PDF format</b>	/ 2	
Total Mark	/20	
General Comments: (continued on back)		