

SCM 518 – Fall 2019 – Cohort C
Case Assignment 5 – due 11/21/2019

Team Case Analysis:

You have been assigned Project Selection at Ewing Natural Gas (**case provided at end of Chapter 6**) which is an extension of Case 2.1 (**found at end of Chapter 2**). The case analysis must be a *team effort* with absolutely no collaboration with other teams. Using (even looking at) case write-ups or notes from previous or current classes is prohibited and will be considered an honor code violation. You will use your assigned MSBA Cohort C teams to work on the case analyses. Each group is assigned different questions to address per the table below.

Questions for your Team to Address:

<u>Team</u>	<u>Questions</u>
1, 4, 10	1, 2, 3 and added question a) Cliff also wants to know the maximum number of projects without partnerships that can be selected given constraints in question 1.
2, 5, 12	1, 4, 5 and added questions a) Since projects 3, 6 and 11 would be undertaken with the same outside firm, how does project selection change if no more than 2 of these projects can be selected? And question b) How is project selection impacted if both projects 2 and 9 (to be completed in partnership with a common contractor) must be selected if either is selected?
6, 9, 14	1, 6 and added question a) With the model now considering project manager assignments, Cliff wants to know the maximum number of projects without partnerships that can be selected.

Deliverables:

Presentations: Presentations are to be between 13 and 15 minutes per team and it should focus on the answers/recommendations as they relate to your model and sensitivity analysis. Each team member is to participate in the presentation. Along with submitting your presentation via the Canvas assignment by 4pm on the due date, you are to bring a stapled hardcopy of the presentation to class. The hardcopy should be printed using grey scale and one slide per page.

Reports: Case reports are to be submitted via the Canvas assignment by 4pm on the case due date. Late case report submissions will not be accepted. The report should be no more than 5 pages in length (excluding cover page and appendices) with double spacing, one inch margins and no smaller than 11 point font size. It should include key tables or charts in the body of the report (not the appendix). Also, be sure to reference all charts, tables or figures in your report, even if they are only in the appendix.

Use the following section headings in your report.

- Executive summary (one concise paragraph with ties to KPIs)
- Overview of the problem (set the context of your report and use your own words)
- Model, assumptions and sensitivity analysis
- Results and recommendations

The report's cover page should include the title of your report, date delivered and names of group member who participated in completing the assignment. If a group member does not participate in the assignment, do not include their name on the cover page. However, your group must have documentation showing that the group member was contacted and failed to respond or participate in group meetings or communication.