

OPM 380 Advanced Project Management Practical Sessions

Instructions for Managing the Course Project

Introduction

In addition to the class-based practical exercises, the course project is designed to help the students apply the learnt skills on individually selected real-life projects. These project-based exercises are planned and integrated sequentially as the course progresses, thus they are expected to be applied to the selected projects to achieve its expectations and deliverables. The student himself/herself together with the identified project stakeholders will constitute the required project resources. The instructor will discuss, explain, and run each of the required assignments in class using a running case throughout the course.

Some templates will be provided to use in specific requirement, but the students often are encouraged to develop or search for an alternative template.

Pre-Requisite:

Knowledge gained and practiced in the OPM310, specifically in developing the project charter, identifying project stakeholders, and documenting project scope, schedule, and cost.

Submission Date

This will be announced by the instructor, normally in week 12. However students are strongly encouraged to complete the assignment as the subject relevant to the assignment is discussed during the course. The completed work will not be marked, but the student can improve on it and is filed for the final submission.

Submission format

The submission of the project will be a SINGLE pdf file through Moodle. The exact date and time as published on Moodle by the instructor.

Required Assignments

1. Select a project and develop its project charter
2. Develop a business case to secure support from senior management
3. Assess the alignment of the project using system approach
4. Develop project's Goals, Objective, Strategies, CSF, and KPI (at least one for each)
5. Assess and select appropriate project organizational structure
6. Use weighted selection model to select a suitable project manager

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7. Use pairwise selection approach to select between suppliers
8. Apply the NPV concept to evaluate the feasibility of the project
9. Use Cause-and-effect tool to identify root causes of quality related issue
10. Apply EVM to evaluate project progress after two weeks of progress. Must include all ten assessment EMV parameters
11. Report progress (using status and progress reports)
12. Demonstrate the use of contracting model (FP, CR, or T&M) with an external supplier
13. Develop lesson learned document
14. Develop project closure document

Notes:

1. The selected project is recommended to be simple and easy to manage, but must be consistent with the running case as discussed in class.
2. The allocated mark for the project as set in the published syllabus.
3. Students can discuss or work together on the assignments, but each student must apply the concept to his/her specific project. Such that all assignments are managed in an integrated manor.
4. The assignments may be changed by the instructor as the project progress and as seen appropriate.