Project Management
Principles & Practices – Future City

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Agenda
- Introductions
- Objectives
- Intro to PM – Future Cities Students
- Project Definition
- Project Planning
- Project Risk
Project Management Triangle

Project Management philosophy says you can regulate any 2 of the elements but controlling the third option is unlikely.
- If being on time and meeting the scope is important, you will have to recognize the budget may need to be adjusted.
- If budget it tight and specific features are required, you will have to recognize the schedule needs to be fluid.
- If you have limited resources and a hard schedule, you may have to adjust the features that get included.

A few “Golden Rules” for projects

#1- Gain consensus on project outcome
#2 – Build the best team possible
#3 – Develop a plan and keep to it
#4 – Don’t try to do more than you can
#5 – Be willing to try new things
#6 – Communication is key
Project Lifecycle

Project Planning

Have a clear scope statement
- What part of future cities has to be planned?
- Know what has to get done and when it can start and when it must be finished
- What resources do you have to have to get the job done?
- How are you going to communicate? Meetings? Classes? Emails? Text?
- Understand what risks can make you fail
- Create a schedule
Schedules

- Lots of options
- Keep it simple
- Assign roles and responsibilities
- Hold each other accountable
- Do lots of follow up

Schedule Options

Figure 1 - Project Flow Diagram

Figure 2 - Gantt Chart

Task 1
Task 2
Task 3
Task 4
Risk Management

Projects Fail because……

We don’t look at the things that could go wrong and plan for them
Wrap Up

- Any additional input?
- How else can we assist?
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