P you G

How to Be a Better Schedule Analyst

November 1, 2017 @ 12pm-1pm EST Ed Killingsworth







Introduction

Contact Information:

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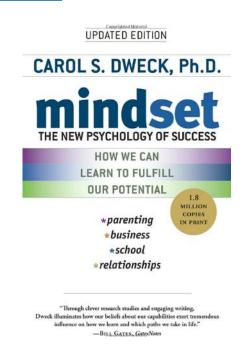
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Fixed Growth – our character and intelligence is static

Open Growth – continual learning and change

Strive to be a lifelong learner!



https://www.ted.com/talks/carol_dweck_the_power_of_believing_that_you_can_improve



How to be a Better Analyst Hard Skills vs. Soft Skills

Hard Skills: - something learned in classroom type environment, can be measured

Soft Skills: - less tangible, communication, making good decisions, time management



'Hard skills are important for the beginning of your career, but it is the soft skills that get you promoted'

Hard Skills

- 1. Checking Logic
- 2. Dealing with Constraints
- 3. Critical Path
- 4. How to Properly Status a Schedule
- 5. Macros & Filters for Proper Analysis



What is a 'good' Schedule

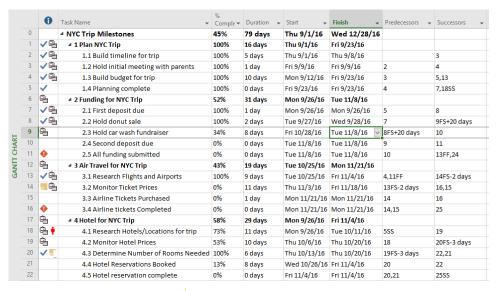
What makes a good schedule?

- Logically sound
- Minimal errors (F7 spell check)
- Up to date (statused)
- Provide value to team

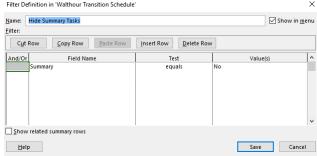


Checking Logic

All tasks must have a predecessor and successor



Count Macro



Hide Summary Tasks Filter

Sub Countlines()

SelectAll

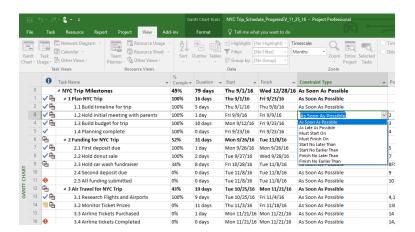
Msgbox "Task Count: " & cstr(activeselection.tasks.count)

End Sub



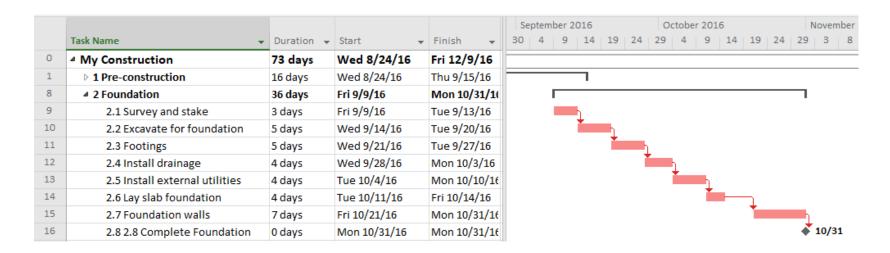
Dealing with Constraints

- 1. As Soon as Possible*
- 2. As Late as Possible
- 3. Must Start On
- 4. Must Finish On
- 5. Start No Earlier Than
- 6. Start No Later Than
- Finish No Earlier Than
- Finish No Later Than



How to Analyze a Critical Path

Critical Path: is the longest sequence of activities in a schedule which must be completed for the project to finish on time



OPDEC Critical Path

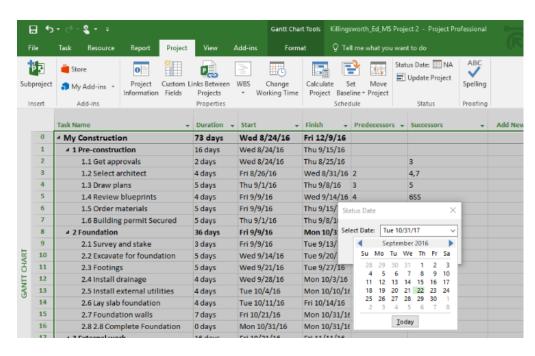
http://www.opdec.com/ms-project-tools/critical-path-tool

Trace Macro



Schedule Status

- Determining Frequency
- Determining Method of Status
- Set Status Date



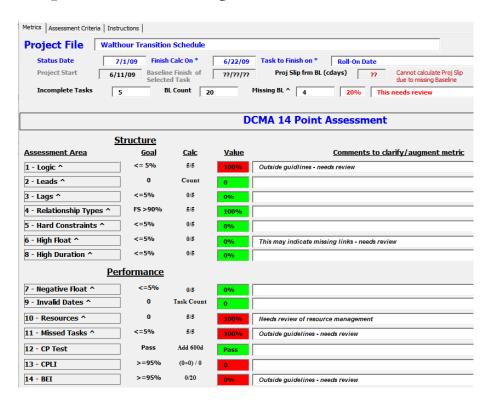
All tasks need to be statused Do NOT status a task in the future (Invalid Task)





Macros for Proper Analysis

Schedule Metrics Macro



Schedule Test and Assessment Tool (STAT)

https://software.nasa.gov/software/MFS-33362-1



Soft Skills

- 1. Good Communication
- 2. Decision Making
- 3. Coaching
- 4. Emotional Intelligence
- 5. Learning to Focus

Communication Tips

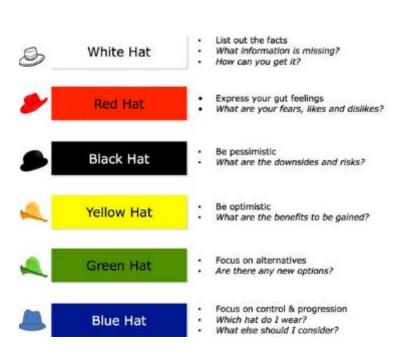
- Being a better writer practice
 Bullet Journaling
- Better Speaker
- https://www.toastmasters.org/find-a-club
- Being a better listener
 - Active Listening
 - Pay attention
 - Look in eye, or in between eyes



Decision Making/Problem Solving

Sometimes not making a decision is worse than making the wrong decision – pocket veto management

Six hats – Edward de Bono







How to be a Coach

- Be a Mentor
- Find a Mentor
- Online or at Office

See one, do one, teach one

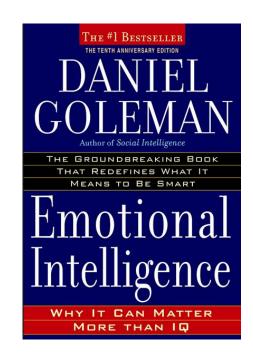


Emotional Intelligence

- Empathy
- Self-Confidence
- Self-Control

No one cares how much you know, until they know how much you care.

-Theodore Roosevelt



https://www.ted.com/talks/daniel_goleman_on_compassion



Learning How to Focus

Wait a minute – I'm too busy!

- Stop attending meetings
- Avoid interruptions close door
- Book a conference room by yourself
- Put on headphones
- Arrive early/stay late
- Go out and take a walk



Questions?



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Thank You!

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