What does Project Planning & Delivery Involve? Planning/Scheduling Master Class

What you will learn in traditional 'mechanical' training courses	**What they don't teach you in Planning, Scheduling or Project Management Courses but expect you to deal with on the job**	**What they don't teach you in business schools or in your organisation but expect you to know/act instinctively**
1 Analysing the impact of changes	24 Dealing with emergencies, new critical activities and the unplanned	47 Agile, Lean, Scrum, CI, Kanban, XP, Six Sigma, PDCA
2 Consolidating multiple projects	25 Dealing with time gaps, resource utilisation and workloads	48 Building a business from the ground up and assistance
3 Consolidation and resource sharing	26 Effectively managing part-time and shared resources	49 Creating, testing, modifying, re-modifying stratagems
4 Creating customised reports	27 Ineffective company policies, procedures and management support	50 Different ways you need to incentivise people and teams
5 Defining planning cycles	28 Informing people of updates, changes or stop work notices	51 Different ways you need to motivate people and teams
6 Earning Value Management	29 Leveraging the power of knowledge sharing to problem solve issues	52 Different ways you need to reward people and teams
7 Fixed Task, Accrual, Budget and Rate Costs	30 Managing levels of unusual periods of activity or absence	53 Effectively mitigating risks with resourced mitigations
8 Identify levels and items that need control	31 Not doing the required amount of deep thinking into the problems	54 Getting things done and then getting things done done
9 Implementing forecasting systems	32 The art of estimating things that have been have done before	55 Hiring, firing, retaining, scaling, retiring and refreshing
10 Import and export project data	33 The art of gestimating things that haven't been have done before	56 How to ethically (copy, steal, modify) ideas of others
11 Leveraging safety lead times	34 The cone of uncertainty to guide estimates and manage expectations	57 How to find fulfilling, satisfying and challenging work
12 Outline codes and WBS codes	35 The criticality of assigning the right tasks to the right skilled people	58 How to learn everything about the people you deal with
13 Root causes of scheduling problems	36 The effects of staff turnover, employee availability and experience	59 How to learn, unlearn, relearn, grow, share, teach
14 Rough-cut capacity planning	37 The importance of downtime, recharging, rest, holidays and rotations	60 How your brain works and fails to work in adding value
15 Schedule optimisation	38 The knock on effect of delays, waiting time, lags and lead times	61 Knowing when to stop activities and re-divert onto others
16 Select effective strategies to group items	39 The time taken to get up to speed, learn, attain the skills or teach	62 Networking in the real world, influencing and persuading
17 Setting up recurring tasks	40 The use of triggers, alerts, warning signs, thresholds, boundaries	63 Reading people, creating impressions, leaving memories
18 Sorting, Filtering and Grouping	41 Tools you need when you don't know and need to find out	64 Running a business and dealing with the unexpected
19 Splitting projects into sub-projects	42 Turning requirements and needs into tasks and dependencies	65 Statistical literacy, making sense of metrics and currency
20 The use of custom fields, tables, views	43 Turning scheduled tasks into action sequences people understand	66 Techniques of selling, negotiating, timing and silence
21 The use of reporting and metrics	44 Understanding Lean DILO/WILO and non direct project activities	67 The importance of records, baselines and configurations
22 The use of the critical path method	45 Understanding the right skill mix to make effective teams	68 The way people have their own time management habits
23 Use of Budgets	46 Ways of testing your assumptions, logic and sequencing	69 The way people like to do business differently

Delivery of outputs, outcomes and benefits realisation	**Governance, IT Architecture, Portfolio/Programme/Project, Business Analysis/Architecture, IT Lifecycle, Process Optimisation Frameworks and Standards**	**Project Delivery Methods for organising and financing the design, development/construction, operations and maintenance of products and services**
70 Scope	76 COBIT, PfMP, MoP, PgMP, MSP, PRINCE2, PMP, PMBoK, DSTM Atern	82 Design-Bid-Build (DBB) or Design-Award-Build (DAB)
71 Schedule	77 ITIL, DevOps, ITSM, CMMI, SPI	83 Design-Build (DB) or Design-Construct (DC)
72 Finance	78 TOGAF, DODAF, ~~MODAF~~	84 Design-Build-Operate-Maintain (DBOM)
73 Risk & Opportunities	79 CBAP, BABOK, ArchiMate, BAWG, BMM, BPMN, CBM, EBA, EPC, DEMO	85 Build-Operate-Transfer (BOT)
74 Quality	80 ISO 9000, ISO/IEC 20000, ISO/IEC 27000, ISO/IEC 31000, ISO/IEC 38500	86 Integrated Project Teams (IPT) or Delivery (IPD)
75 Resource	81 Waterfall, V Model, Lean Six Sigma, Agile, Scrum, XP, RUP, FDD, Crystal	87 Public-Provate Partnership (PPP, 3P, P3)

References

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2 'What They Don't Teach You At Harvard Business School' Book By Mark H. McCormack
3 https://en.wikipedia.org/wiki/Project_delivery_method
4 https://www.slideshare.net/dmitryku/the-ontologybased-business-architecture-engineering-framework