

1 Agile Project Management

- What is the meaning of agile project management?
- What are the characteristics?
- What is the difference compared to classical project management?
- What are the pros and cons compared to classical project management?

Initial sources:

<http://www.dummies.com/store/product/Agile-Project-Management-For-Dummies.productCd-1118026241,navId-322440,descCd-DOWNLOAD.html>

<http://www.dummies.com/how-to/content/agile-project-management-for-dummies-cheat-sheet.html>

<https://www.mindtools.com/pages/article/agile-project-management.htm>

PMBok6: AGILE PRACTICE GUIDE

2 Agile development roles

- Present the agile-specific roles like Scrum Master and Process Owner
- Compare these agile roles with roles of classical project management like Project Manager and Project Sponsor

Initial sources:

<http://www.scaledagileframework.com/>

<http://www.scaledagileframework.com/scrum-master/>

<http://www.scaledagileframework.com/product-owner/>

<http://www.scaledagileframework.com/release-train-engineer-and-value-stream-engineer/>

3 Quality function deployment (QFD) and the House of Quality

- Explain what QFD and the house of quality are
- Show an example

Initial sources:

https://en.wikipedia.org/wiki/House_of_Quality

<https://www.youtube.com/watch?v=u9bvzE5Qhjk>

<https://www.youtube.com/watch?v=Bbc764jufTw>

4 Kanban in production – the pull system

- Explain the Kanban principle and JIT
- How is Kanban used in production/logistics?
- What is the benefit?

Initial sources:

<https://en.wikipedia.org/wiki/Kanban>

<https://www.youtube.com/watch?v=6y3qrOla9Tc>

5 Kanban in project management

- Explain the Kanban principle
- How is Kanban used in software development and project management?

Initial sources:

https://en.wikipedia.org/wiki/Kanban_%28development%29

<https://www.youtube.com/watch?v=R8dYLbJiTUE>

https://www.youtube.com/watch?v=CKWvmiY7f_g

<https://www.youtube.com/watch?v=ueVXZUaWhYw>

6 Lean Management

- What is the general idea behind lean management?
- How can it be used in project management?

Initial sources:

<https://www.youtube.com/watch?v=wfsRAZUnonI>

Whitepaper Lean Project Management

7 Team Health

- What is team health and why is it important?
- What is the benefit for the project manager?
- How to monitor your team's health?

Initial sources:

<https://www.projectmanager.com/blog/monitor-team-health>

<https://www.projectmanagement.com/articles/301934/Team-Health--The-Pulse-of-Team-Management--Part-1->

<https://www.projectmanagement.com/articles/303480/Team-Health--The-Pulse-of-Team-Management--Part-2---Inspection>

<https://www.projectmanagement.com/articles/303935/Team-Health--The-Pulse-of-Team-Management--Part-3---Palpation>

<https://www.projectmanagement.com/articles/304455/Team-Health--The-Pulse-of-Team-Management--Part-4---Percussion>

<https://www.projectmanagement.com/articles/304936/Team-Health--The-Pulse-of-Team-Management--Part-5---Auscultation>