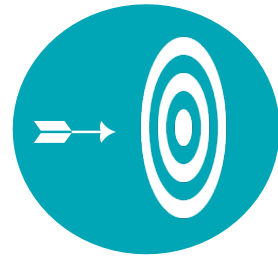


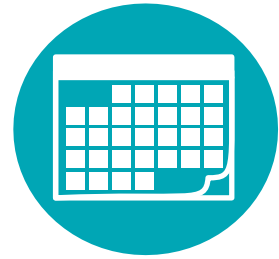
Project Management Knowledge Areas:



Integration



Scope



Schedule



Cost



Quality



Resource



Communication



Risk



Procurement



Stakeholder

Essential Courses Fundamental courses for project management.

integrated into all courses

integrated into all courses

integrated into all courses

WSDOT DES: Project Development Process
WSDOT DES 8 hrs.

Basis of Design Form & Example
resource 2 hrs.

WSDOT PM: Introduction to Project Scheduling
WSDOT PM 6 hrs.

WSDOT DES: Cost Estimating
WSDOT DES 8 hrs.

Quality is integrated in all PM Courses
resources

Internal Scope of Work Agreement
resources

Communication plan template
resources

Project Risk Management
WSDOT PMA 8 hrs.

Negotiation Essentials
WSDOT PMA 1 hr.

Community Engagement Plan
resource

Practical Solutions Overview, online training
WSDOT DES 4 hrs.

CMAR Form and Learner's Guide
resource 3 hrs.

Primavera P6 Interface Module
CPDM 15 minutes

Cost Estimating AASHTO Training
multiple modules

Communications
resources

Cost Risk Assessment & CEVP
resources

Communications
resources

Transportation Project Risk Management
by arrangement

Inclusion: Community Engagement
resource

Project Management Guide
resources

Project Management
elearning

Project Management Plan One Page Summary Template
resource

Courses identified for development

Constructibility
WSDOT PM 6 hrs.

Risk Based Project Cost Estimate
WSDOT PM 6 hrs.

Skillsoft Courses (there are many more - here are a few)

Project Management

Project Management Plan: Integrating Project activities & changes

Managing Communications in a Virtual Team

Monitor Project Communications (PMBOK® Guide 6th Edition)

DES - WA State Contract Management 101 Modules

Project Management Plan: Engaging Stakeholders

Ancillary Courses provide project alternate training resources or deeper understanding of a knowledge area

PMP - Project Initiation and Planning
skillsoft

Managing Project Scope
skillsoft

AASHTO TC3 CPM Scheduling

Scope, Schedule & Cost Planning
skillsoft

Six Sigma and Lean: Foundations & Principles
skillsoft

Project Management Essentials
skillsoft

Communicating Effectively
skillsoft

Risk Management Planning
skillsoft

Leading Innovation
skillsoft

Addressing Stakeholder Conflicts
skillsoft

Continued

Continued

Continued

Project Management Knowledge Areas:



Integration



Resource



Communication

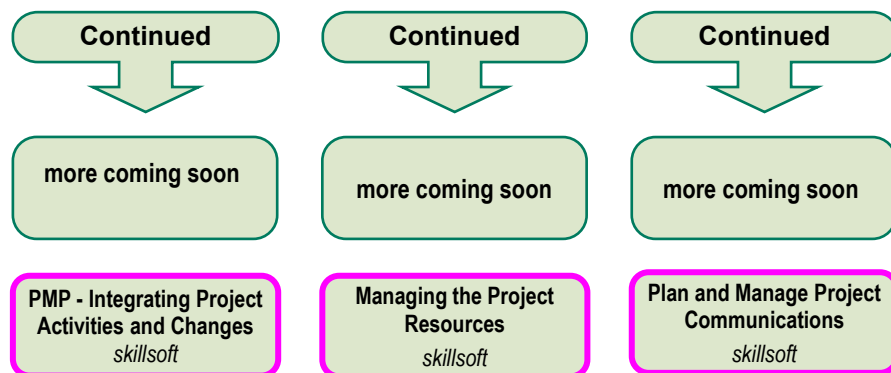
Self-Learning resources

eLearning Course (Magenta Border)

Instructor Led (Blue Border)

eLearning Course (for development)

Supporting Courses to provide a deeper understanding of a knowledge area



Overview:

This Learning Path identifies suggested courses that increase knowledge of project management. Courses are grouped by knowledge areas. These courses are for all who interested in project management and delivery.

Each area encompasses general project management framework courses The Project Management Institute (PMI) established industry standard terminology and guidelines known as the Project Management Body of Knowledge (PMBOK). These courses are consistent with PMBOK.

Courses identified as 'Essential' a general overview of knowledge areas. Those who want to develop a more in depth understanding of a particular knowledge area may also consider the 'Supporting' courses.

Project Management Knowledge Areas:

- Project Integration Management:** Effective integration of the processes required to accomplish project objectives. This includes developing a Project Management Plan and a project charter.
- Project Scope Management:** Defines and controls what is and is not included in the project. This includes the creation of a Work Breakdown Structure.
- Project Schedule Management:** Examines processes required for the timely completion of the project. This includes the development and control of the project schedule.
- Project Cost Management:** Planning, estimating, budgeting and controlling costs to ensure the project can be completed within the approved budget.
- Project Quality Management:** Processes that identify which quality standards are relevant to the project objectives to ensure that the project achieves its goals. This includes quality planning assurance and control.
- Project Resource Management:** Processes that involve resource planning and ensuring that all resources are used efficiently. This includes forming, developing, and managing the project team.
- Project Communications Management:** Communicate direction and decisions on all project-related issues. This includes performance tracking, issue escalation, and managing internal and external stakeholders.
- Project Risk Management:** Increasing the probability and impact of positive events and decreasing negative events. These are updated throughout the project. This includes qualitative and quantitative risk analysis.
- Project Procurement Management:** Processes to purchase/acquire the products, services or results needed to perform the project work. This includes contract management and change control.
- Project Stakeholder Management:** Involves analyzing stakeholder expectations and developing management strategies for effectively engaging stakeholders during project decisions and execution.