

Successfully Manage Your Projects!

Learn about Project Management Using AgLearn!

Project management is multi-faceted and includes specific topics, such as quality, time, and risk management. Use AgLearn to become familiar with all areas of project management.

[Project Quality Planning](#) (2 hours)

Project managers need to build quality into their projects at the very beginning, during the planning stage. Quality managers have to ensure that quality requirements are met. The Project Quality Management knowledge area takes these facts into consideration. It not only includes processes for assuring and controlling quality, but it also includes a process for ensuring that quality is considered from the very beginning of a project's lifecycle. In this course, learners will be introduced to the three processes in the quality management knowledge area and how they fit into the project process groups.

[Quality Assurance and Quality Control](#) (2 hours)

A quality management plan identifies quality requirements and provides all project stakeholders with documented guidelines for delivering a quality product or service. But the question is how do you ensure that the quality management plan will work? The quality management plan must be audited and measured consistently and efficiently to ensure that it is both adequate and adhered to. In this course, learners will be given an overview of the quality assurance and quality control processes within the project quality management knowledge area.

[Defining and Sequencing Project Activities](#) (2 hours)

The first step in developing a reliable project schedule is identifying project activities and their interrelationships. This course covers defining and sequencing project activities in the project management discipline. Specifically, learners will be provided with an overview of the Project Time Management knowledge area and the interrelation with the process groups.

[Developing and Controlling the Project Schedule](#) (2 hours)

Developing the project schedule is an ongoing process throughout the project lifecycle, as there are many factors that can either accelerate or delay deliverables in a project. It is essential in successful project management to be able to quickly identify possible impacts, evaluate the effect on all project activities, and adjust the project activities as required to minimize risk. This course covers developing and controlling the project schedule in the project management discipline.

[Estimating Activity Resources and Durations](#) (2 hours)

Determining resource requirements is critical to successful project time management. The ability to estimate the duration of each project activity is equally essential. It is not enough to know what needs to be done and what resources are required. A project manager must know how much time it will take to complete each activity. This course covers estimating activity resources and durations in the project management discipline.

[Identifying Project Risks](#) (2 hours)

Identifying potential risks and their causes and impacts can spell the difference between a project that reaches a successful conclusion and one that does not. In this course, learners will be introduced to the second of six processes: Identify Risks. The course covers risk identification methods such as group information gathering techniques, diagramming techniques, and SWOT, assumptions, and checklist analyses.

[Performing Risk Analysis](#) (2 hours)

Risk analysis has become an important discipline within the field of project management. It involves prioritizing risks and assessing each identified risks probability of occurrence and potential impact, whether positive or negative. This course explores both qualitative and quantitative risk analysis techniques.

[Risk Management Planning](#) (1.5 hours)

Every project involves some degree of risk. Identifying potential risks and having a plan for dealing with them can spell the difference between a project that reaches a successful conclusion and one that does not. In this course, learners will be introduced to techniques such as creating a risk management plan and preparing documentation for the risk identification.

[Risk Response, Monitor, and Control](#) (2 hours)

When dealing with projects, it is the project manager's job to assess and control risks, avert or minimize its adverse effects, and to capitalize on potential opportunities over the life of a project. In this course, the learner will be introduced to strategies for handling both negative and positive risk, and how to monitor and control these risks.

As with all AgLearn resources, these are available to all USDA employees at no cost to you!