

# Planning & Scheduling Professional PSP (AACE, USA)



A PSP is a skilled planning and scheduling professional with advanced experience in project planning, developing, monitoring, updating, forecasting, and analyzing integrated project schedules. The PSP leads the planning and scheduling process within the AACE International Total Cost Management (TCM) framework. A PSP can communicate effectively with all project stakeholders, both internal and external.

AACE International's Planning & Scheduling Professional (PSP) training and certification is highly important for a professional career in project controls, construction, and engineering. It acts as a globally recognized validator of specialized skills in creating, analyzing, and maintaining project schedules, which distinguishes professionals in a competitive job market.

Training equips individuals with advanced skills in forensic scheduling, delay analysis, earned value management, and risk-based control strategies, elevating technical competence. Certified professionals (PSPs) improve organizational scheduling maturity, leading to more accurate forecasting and optimized project delivery.



### Targeted Competencies Gained:

- **Schedule Development & Maintenance:** Creating robust, logical project plans.
  - **Progress Monitoring:** Using metrics to track progress against baselines.
  - **Delay Analysis:** Expertly analyzing scheduling delays.
  - **Total Cost Management (TCM):** Integrating scheduling into the broader TCM framework.
- The training is particularly valuable for corporate and industrial planning managers, project controllers, and project managers aiming for career acceleration and getting more skilled in project management.

## A Credentialing Pathway for You

Our certification programs offer something for every level of industry experience. From recent graduates to highly skilled experts, we offer a distinct certification that will validate your skills and knowledge and provide impressive distinction throughout your career.



# AACE Planning & Scheduling Professional (PSP) Blueprint

<b>Conduct Planning Duties</b>	<b>30%</b>
Develop specifications (e.g., planning, scheduling)	
Collaborate in the development of SOWs	
Review project documents (e.g., contracts, cost estimates, drawings, plans, SOWs)	
Implement project documents into the plan (e.g., contracts, cost estimates, drawings, plans, SOWs)	
Develop WBS (e.g., disciplines, phases)	
Conduct constructibility review	
Develop phase sequencing and relationships	
Identify key resources (e.g., equipment, labor, material(s))	
Define/Identify potential schedule risks (e.g., environmental, political, supply chain)	
Determine appropriate level of schedule detail	
Define KPIs	
Support CBS development	
Support OBS development	
Support EBS development	
Support the value engineering process	
Support stakeholder session(s) (e.g., constructibility, development, Partnering)	
<b>Conduct Scheduling Duties</b>	<b>70%</b>
Develop schedules (e.g., baseline, recovery, revised, shutdown)	
Create baseline basis of schedule documents	
Manually calculate schedule networks	
Analyze critical and near critical paths	
Evaluate resource utilization	
Conduct schedule quality checks	
Evaluate schedule for contract compliance	
Evaluate potential schedule risks (e.g., environmental, political, supply chain)	
Perform schedule cost analyses	
Audit project baseline schedules	
Develop reports (e.g., ad-hoc, earned value, look-ahead, variance)	
Update WBS	
Train personnel (e.g., methodologies, scheduling techniques)	
Update progress schedules	
Monitor resource utilization	
Facilitate schedule update review meetings	

Track KPIs	
Prepare stakeholder progress reports	
Review stakeholder progress reports (e.g., accuracy, relevance)	
Communicate with stakeholders (e.g., verbal, written)	
Analyze schedule performance	
Report schedule performance (e.g., consultants, owners, subcontractors)	
Manage baseline schedules (e.g., maintain, revise)	
Review project schedules	
Report KPIs	
Develop schedule scenarios (e.g., alternate, what-if)	
Review updated SOWs	
Perform schedule impact analyses (e.g., additions, change in scope, delay)	
Perform basic delay analyses	
Perform schedule change management	
Prepare time extension documentation	
Review schedule impact analyses (e.g., additions, change in scope, delay)	
Review delay analyses	
Conduct schedule close-outs	

### Who shall attend?

Project teams, Planners, Engineers, Corporate professionals involved in handling and execution of projects and program managers with Eight (8) years of industry-related experience or four (4) years of industry related experience PLUS four (4) years of industry-related degree are required to sit for the PSP certification exam.

### ADMISSION PROCESS

Applications will be screened with regard to their suitability for each program. Kindly ensure that your complete online application form reaches the office by the deadline.

### Payment

Payment is due upon receipt of the acceptance letter along with the invoice. Please ensure that the payment reaches the office BEFORE the start of the program. Space in the program may only be ensured after we receive the fee.

