

Planning & Scheduling Professional (PSP) Certification Review Course

Presented by:

[Section Name]

[Instructor Name, PSP]

[Event Dates]

A Product of the Education Board

Submit questions, comments or updates to
Manager, Education: education@acei.org

web.acei.org

AAACE
INTERNATIONAL



Planning

web.aacei.org

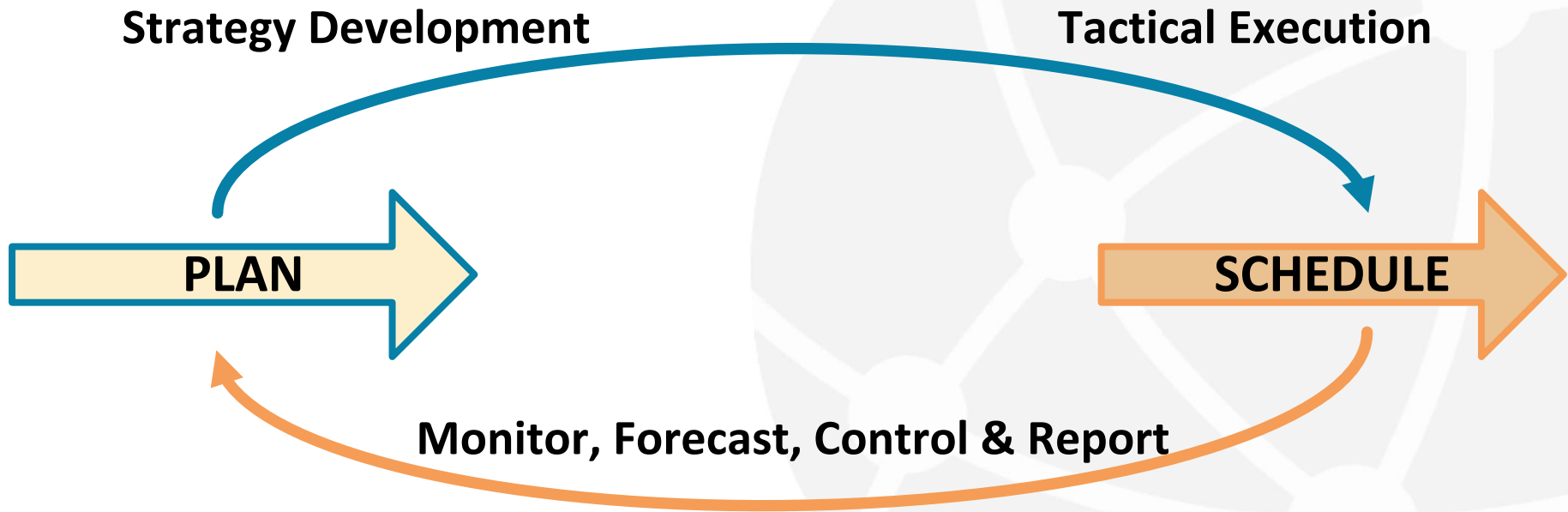
AACE
INTERNATIONAL

- **Planning versus scheduling**
 - Benefits of planning & scheduling
- **Input/data for planning**
 - Stakeholder management
 - Phased approach to execution
- **Output/deliverables**
 - Scheduling Specifications
 - Work breakdown structures (WBS)
- **Advanced Planning Topics**

- Project plans and schedules fail for wide variety of reasons
 - Root cause can often be found to have been at beginning of planning process
- Typical reasons for failure include:
 - Egos, personalities, and poor mix of people skills
 - Corporate goals not understood
 - Poor cost estimates
 - Insufficient data and analysis during plan development

- Typical reasons for failure (cont'd):
 - Planning checklists and systematic procedures not followed
 - Milestone dates not understood, communicated or followed
 - People and resources constantly changing
 - Specifications and scope of work not understood/used
 - Staffing requirements not understood or ignored
 - Poor communication between client and contractor

Planning is **NOT** Scheduling Scheduling is **NOT** Planning



- Earned Value (EV)
 - Value of work physically completed
- Earned value management (EVM)
 - Integrated project/program management approach using “earned value” as yardstick to measure both cost & schedule performance
- Earned value management system (EVMS)
 - Formal requirement for large developmental projects/ programs within federal government

● Horizontal Traceability

- Logically tied & progress driven effort drives remaining duration
- Modeled in correct order of execution
- WBS/Control Accounts provide logical sequence & resource work flow
- Reverse planning review to remove redundant/non-essential logic in predecessors
- Identifiable logic path(s) that results in deliverable/end item
- Critical/driving path(s) checked in forward & reverse “walk”

AAACE

INTERNATIONAL

web.aacei.org

Questions?