

Management Project
(D10K-7D02/ D10G.7203)

Chapter 1

Introduction to Project Management Learning Objectives

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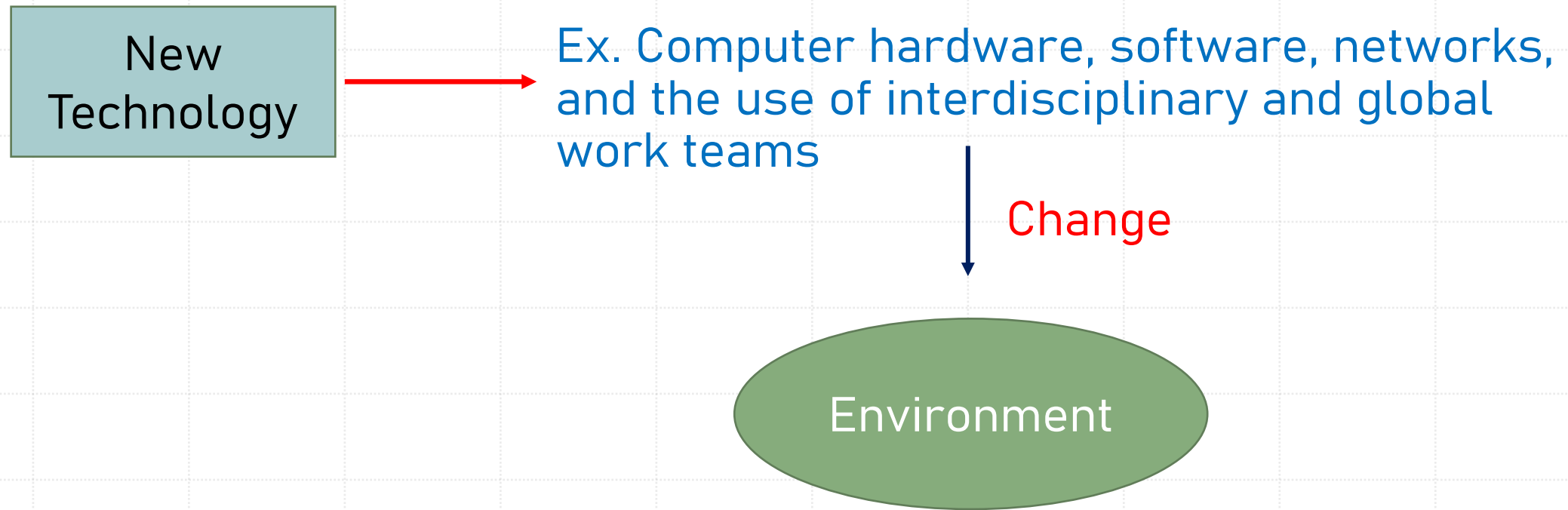




1.1 Introduction

... - 1980

Focused on providing schedule and resource data to top management in the military, computer, and construction industries





The significance of project management in today's society, especially for projects involving information technology (IT):

- Worldwide IT spending was \$3.5 trillion in 2017, a 2.4 percent increase from 2016 spending. Communications services accounted for 40 percent of the spending.
- The Project Management Institute reported that the number of project-related jobs reached almost 66 million in 2017, and demand continues to increase. "By 2027, employers will need 87.7 million individuals working in project management-oriented roles."



- The unemployment rate for IT professionals is generally half the rate of the overall labour market in the United States. The U.S. Bureau of Labour Statistics estimates the rate to be only 2 percent, and project management is one of the ten hottest tech skills.
- In 2017, the average annual salary (without bonuses) for someone in the project management profession was \$112,000 per year in the United States and \$130,866 in Switzerland, the highest-paid country. Salaries of survey respondents across 37 countries were 23 percent higher for those with the Project Management Professional (PMP®) credential than those without it



- The top skills employers look for in new college graduates are all related to project management: team work, decision making, problem-solving, and verbal communications.
- Organizations waste \$97 million for every \$1 billion spent on projects, according to PMI's Pulse of the Profession® report. Excelling at project management definitely affects the bottom line.



The complexity and importance of IT projects, which involve using hardware, software, and networks to create a product, service, or result

Using Modern
Management Project
Technique

Successful



The advantages of using project management techniques:

- Better control of financial, physical, and human resources
- Improved customer relations
- Shorter development times
- Lower costs and improved productivity
- Higher quality and increased reliability
- Higher profit margins
- Better internal coordination
- Positive impact on meeting strategic goals
- Higher worker morale



- What is a project?
- Project Attribute?
- Project Constraints?
- What Is Project Management?
- Project Stakeholders?