

1. Record Nr.	UNINA9910828291403321
Autore	Pierce David R
Titolo	Project scheduling and management for construction // David R. Pierce, PSP
Pubbl/distr/stampa	Hoboken, New Jersey : , : John Wiley & Sons, Inc., , 2013
ISBN	1-118-41717-8 1-118-77955-X 1-118-42056-X
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (274 p.)
Collana	RSMMeans ; ; v.89
Disciplina	690.068/4
Soggetti	Construction industry - Management Critical path analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Project Scheduling; Contents; Preface; Introduction; 1 Project Management Fundamentals; 1 Project Management Fundamentals; What Is Management in General?; What Is Project Management?; Setting Goals; Creating a Project Management System; Managing the Project; Why Use Project Management?; The Benefits; Better Organization; A Good Basis for Coordination; Management by Exception; Better Decision Making; Variables That Affect the Project; Personnel; Cost and Organizational Concerns; The Project Control Cycle; Step 1: Set Initial Goals; Step 2: Establish Job Plans; Step 3: Monitor Progress Step 4: Process Information Step 5: Compare and Analyze; Step 6: Take Corrective Action; Step 7: Collect Historical Data; Introduction to CPM Scheduling; The Critical Path Method; Learning CPM Techniques; Introduction to the Sample Building Project; Summary; Review Questions; 2 Preplanning Investigation; 2 Preplanning Investigation; Identifying Key Personnel; Providing Data to the Project Team; Contract Document Review; Estimate Review/Estimator Meeting; Special Conditions and Features; Initial Project Team Meeting; Preplanning with Other Parties; Subcontractors; Suppliers Owners and Their Representatives Public and Government Agencies; Unions and Labor Suppliers; Assigning Responsibility; Coordination on the Job Site; Summary; Review Questions; 3 Planning the Project; 3

Planning the Project; Breaking the Job Down into Activities; Activity Types; General Activity Types; Specific Activity Types; System for Description; Separating Actions; Separating the Work Items; Separating Areas; The Concept of Level of Detail; The General Phase List; The Specific Physical Element List; The Detailed Task List; Tips on Activity List Development
Daily Production Rate Method Adjustment of Calculated Times; Calculating Overall Job Duration; Goals of the Project Calculation Procedure; Definitions; The Actual Calculation Procedure; Advanced Calculations; Calendars; Basic Calendars; Summary; Practice Problems; 5 Publishing the Schedule; 5 Publishing the Schedule; Checking the Final Schedule; Contract Compliance; Does the Schedule Make Sense Overall?; Technical Details in the Schedule; Key Questions to Ask; Tasks That Must Be Performed in Order to Provide the Right Information; Types of Coding Schemes; Coding by Work Breakdown Structure Coding by Project Phases

Sommario/riassunto

First published in 1988 by RS Means, the new edition of Project Scheduling and Management for Construction has been substantially revised for students enrolled in construction management and civil engineering programs. While retaining its emphasis on developing practical, professional-level scheduling skills, the new edition is a relatable, real-world case study that can be used over the course of a semester. The book also includes classroom elements like exercises, quizzes, skill-building exercises, as well as an instructor's manual including two additional new cases.
