

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	9781118417171 1118417178 9781118779552 111877955X 9781118420560 111842056X
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (274 p.)
Collana	RSMeans ; ; 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 InformationStep 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 RepresentativesPublic 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 MethodAdjustment 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.
