CONTENTS

About the Author vii
Acknowledgments ix
Introduction xi

1. Project Management Overview **1**
1.1 What Is a Project? 1
1.2 What Is Project Management? 6
1.3 Project Management Benefits 15

2. Selection and Prioritization **19**
2.1 Identifying the Project 19
2.2 Determining Goals and Objectives 24
2.3 Formulating Strategies 26
2.4 Gathering Requirements 28
2.5 Determining Deliverables 32
2.6 Clarifying Success Criteria 33
2.7 Formulating the Scope Statement 34
2.8 Considering Assumptions and Risks 36

3. Leading and Managing Teams **41**
3.1 Becoming the Project Manager 41
3.2 Developing Leadership Skills 46
3.3 Working with Stakeholders 51
3.4 Developing the Team 56
3.5 Determining Roles 62
3.6 Evaluating Performance 64
3.7 Tracking Progress 67
3.8 Managing Expectations 68

4. Planning and Scheduling **73**
4.1 Preparing the Plan 73
4.2 Developing the Work Breakdown Structure 78
4.3 Defining the Sequence of Work 80
4.4 Developing the Schedule 83
4.5 Executing the Plan 89
4.6 Procuring Resources 91

4.7 Kicking off the Project 93
4.8 Modifying the Schedule 95

5. Budgeting and Performance **101**
5.1 Determining the Budget 101
5.2 Calculating Costs 103
5.3 Utilizing Estimation Methods 108
5.4 Examining the Cost of Quality 112
5.5 Evaluating Performance 114
5.6 Maintaining Control 117
5.7 Reviewing Costs 120
5.8 Managing Change 122

6. Communication and Documentation **125**
6.1 Writing the Charter 125
6.2 Establishing the Communication Plan 128
6.3 Creating Project Documentation 132
6.4 Reporting Project Performance 134
6.5 Communicating with the Team 136
6.6 Handling Problems 138
6.7 Conducting Meetings 143
6.8 Generating Status Reports 145

7. Completion and Review **149**
7.1 Verifying the Scope 149
7.2 Managing Claims 150
7.3 Closing the Project 151
7.4 Producing Final Reports 155
7.5 Recognizing Lessons Learned 157
7.6 Rewarding the Team 161
7.7 Handling Transition 162
7.8 Creating Project Archives 163

Conclusion *165*
Appendix A: Project Management Considerations *169*
Appendix B: Further Reading *175*
Appendix C: Software Programs *181*
Appendix D: Glossary *183*
Appendix E: Templates *195*
References *205*
Index *209*