

INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

An Applied Approach

8e



MICHAEL G. AAMODT

DCI Consulting and Radford University



Australia • Brazil • Mexico • Singapore • United Kingdom • United States

BRIEF CONTENTS



Chapter 1	
Introduction to I/O Psychology	1
Chapter 2	
Job Analysis and Evaluation	35
Chapter 3	
Legal Issues in Employee Selection	77
Chapter 4	
Employee Selection: Recruiting and Interviewing	117
Chapter 5	
Employee Selection: References and Testing	159
Chapter 6	
Evaluating Selection Techniques and Decisions	201
Chapter 7	
Evaluating Employee Performance	233
Chapter 8	
Designing and Evaluating Training Systems	283
Chapter 9	
Employee Motivation	321
Chapter 10	
Employee Satisfaction and Commitment	357
Chapter 11	
Organizational Communication	395
Chapter 12	
Leadership	429
Chapter 13	
Group Behavior, Teams, and Conflict	463

Chapter 14	
Organization Development	503
Chapter 15	
Stress Management: Dealing with the Demands of Life and Work	541
Appendix	
Working Conditions and Human Factors	583
Glossary	590
References	609
Name Index	651
Subject Index	662

CONTENTS



Preface xv

Chapter 1	Introduction to I/O Psychology	1
	The Field of I/O Psychology 2	
	Differences Between I/O and Business Programs 2	
	Major Fields of I/O Psychology 4	
	Brief History of I/O Psychology 5	
	Employment of I/O Psychologists 9	
	Educational Requirements and Types of Programs 11	
	Career Workshop: Getting into Graduate School 12	
	Research in I/O Psychology 13	
	Why Conduct Research? 13	
	Considerations in Conducting Research 14	
	Ethics in Industrial/Organizational Psychology 31	
	On the Job: Applied Case Study: Conducting Research at the Vancouver (British Columbia) International Airport Authority, Canada 32	
	Chapter Summary 32	
	Questions for Review 33	
	Media Resources and Learning Tools 33	

Chapter 2	Job Analysis and Evaluation	35
	Job Analysis 36	
	Importance of Job Analysis 36	
	Writing a Good Job Description 38	
	Employment Profile 39	
	Preparing for a Job Analysis 44	
	Conducting a Job Analysis 48	
	Using Other Job Analysis Methods 56	
	Evaluation of Methods 64	
	Job Evaluation 66	
	Determining Internal Pay Equity 67	
	Determining External Pay Equity 69	
	Determining Sex and Race Equity 71	
	Career Workshop: Negotiating Salary 73	
	On the Job: Applied Case Study: National Board of Veterinary Medical Examiners 74	
	Focus on Ethics: Compensating CEOs and Executives 74	
	Chapter Summary 75	
	Questions for Review 76	
	Media Resources and Learning Tools 76	

Chapter 3	Legal Issues in Employee Selection	77
	The Legal Process 78	
	Resolving the Complaint Internally 78	
	Career Workshop: What to Do If You Feel You Are Being Discriminated Against at Work 79	
	Filing a Discrimination Charge 79	
	Outcomes of an EEOC Investigation 80	
	Determining Whether an Employment Decision Is Legal 82	
	Does the Employment Practice Directly Refer to a Member of a Federally Protected Class? 82	

Employment Profile	88
Is the Requirement a BFOQ?	92
Has Case Law, State Law, or Local Law Expanded the Definition of Any of the Protected Classes?	93
Does the Requirement Have Adverse Impact on Members of a Protected Class?	94
Was the Requirement Designed to Intentionally Discriminate Against a Protected Class?	95
Can the Employer Prove That the Requirement Is Job Related?	96
Did the Employer Look for Reasonable Alternatives That Would Result in Lesser Adverse Impact?	97
Harassment	98
Types of Harassment	98
Organizational Liability for Sexual Harassment	100
Family Medical Leave Act	101
Affirmative Action	102
Reasons for Affirmative Action Plans	102
Affirmative Action Strategies	103
Legality of Preferential Hiring and Promotion Plans	105
Unintended Consequences of Affirmative Action Plans	108
Privacy Issues	109
Drug Testing	109
Office and Locker Searches	110
Psychological Tests	110
Electronic Surveillance	111
On the Job: Applied Case Study: Keystone RV Company, Goshen, Indiana	112
Focus on Ethics: The Ethics Behind Workplace Privacy	113
Chapter Summary	114
Questions for Review	114
Media Resources and Learning Tools	115

Chapter 4

Employee Selection: Recruiting and Interviewing

117

Employee Recruitment	118
Media Advertisements	119
Point-of-Purchase Methods	122
Career Workshop: How to Respond to Newspaper Advertisements	123
Recruiters	123
Employment Agencies and Search Firms	124
Employee Referrals	125
Employment Profile	127
Direct Mail	128
Internet	129
Social Media	130
Job Fairs	130
Special Recruit Populations	131
Nontraditional Populations	132
Recruiting “Passive” Applicants	132
Evaluating the Effectiveness of Recruitment Strategies	133
Realistic Job Previews	134
Effective Employee Selection Techniques	135
Employment Interviews	136
Types of Interviews	136
Advantages of Structured Interviews	137
Problems with Unstructured Interviews	138
Creating a Structured Interview	141
Conducting the Structured Interview	145
Job Search Skills	145
Successfully Surviving the Interview Process	146
Writing Cover Letters	147
Writing a Résumé	150
On the Job: Applied Case Study: Recruitment at the Borgata Hotel Casino and Spa	155
Focus on Ethics: The Ethics of Recruiting and Hiring Based on Physical Appearance	155
Chapter Summary	156
Questions for Review	156
Media Resources and Learning Tools	157

Predicting Performance Using References and Letters of Recommendation 160

Reasons for Using References and Recommendations 160

Career Workshop: Asking for Letters of Recommendation 161

Ethical Issues 167

Predicting Performance Using Applicant Training and Education 168**Predicting Performance Using Applicant Knowledge 169****Predicting Performance Using Applicant Ability 169**

Cognitive Ability 169

Perceptual Ability 171

Psychomotor Ability 174

Physical Ability 174

Predicting Performance Using Applicant Skill 177

Employment Profile 177

Work Samples 178

Assessment Centers 178

Predicting Performance Using Prior Experience 180

Experience Ratings 181

Biodata 181

Predicting Performance Using Personality, Interest, and Character 185

Personality Inventories 185

Interest Inventories 188

Integrity Tests 188

Conditional Reasoning Tests 190

Credit History 191

Graphology 191

Predicting Performance Limitations Due to Medical and Psychological Problems 191

Drug Testing 191

Psychological Exams 193

Medical Exams 193

Comparison of Techniques 193

Validity 193

Legal Issues 196

Rejecting Applicants 197

On the Job: Applied Case Study: City of New London, Connecticut, and Police Department 198

Focus on Ethics: The Ethics of Tests of Normal Personality in Employee Selection 199

Chapter Summary 200**Questions for Review 200****Media Resources and Learning Tools 200****Characteristics of Effective Selection Techniques 202**

Reliability 202

Validity 206

Career Workshop: Evaluating Tests 208

Cost-efficiency 213

Establishing the Usefulness of a Selection Device 214

Taylor-Russell Tables 214

Proportion of Correct Decisions 218

Lawshe Tables 219

Brogden-Cronbach-Gleser Utility Formula 219

Determining the Fairness of a Test 223

Measurement Bias 223

Predictive Bias 223

Employment Profile 225

Making the Hiring Decision 225

Unadjusted Top-Down Selection 225

Rule of Three 227

Passing Scores 227

Banding 229

On the Job: Applied Case Study: Thomas A. Edison's Employment Test 230

Focus on Ethics: Diversity Efforts 231

Chapter Summary 232

Questions for Review 232

Media Resources and Learning Tools 232

Chapter 7

Evaluating Employee Performance

233

Step 1: Determine the Reason for Evaluating Employee Performance 235

Providing Employee Training and Feedback 235

Determining Salary Increases 235

Making Promotion Decisions 235

Making Termination Decisions 236

Conducting Personnel Research 236

Step 2: Identify Environmental and Cultural Limitations 236

Step 3: Determine Who Will Evaluate Performance 237

Supervisors 238

Peers 238

Subordinates 239

Customers 239

Self-Appraisal 239

Step 4: Select the Best Appraisal Methods to Accomplish Your Goals 241

Decision 1: Focus of the Appraisal Dimensions 241

Decision 2: Should Dimensions Be Weighted? 243

Decision 3: Use of Employee Comparisons, Objective Measures, or Ratings 243

Evaluation of Performance Appraisal Methods 251

Step 5: Train Raters 254

Step 6: Observe and Document Performance 255

Step 7: Evaluate Performance 257

Obtaining and Reviewing Objective Data 257

Reading Critical-Incident Logs 258

Completing the Rating Form 259

Employment Profile 260

Step 8: Communicate Appraisal Results to Employees 266

Prior to the Interview 266

During the Interview 267

Career Workshop: Getting Good Performance Ratings 268

Step 9: Terminate Employees 269

Employment-at-Will Doctrine 269

Legal Reasons for Terminating Employees 270

The Termination Meeting 272

Step 10: Monitor the Legality and Fairness of the Appraisal System 273

On the Job: Applied Case Study: Firing an Employee at Kohl's Department Store 274

Focus on Ethics: The Ethics of the At-Will Doctrine 275

Chapter Summary 275

Questions for Review 276

Media Resources and Learning Tools 276

Appendix: Additional Types of Rating Scales 277

Behaviorally Anchored Rating Scales 277

Creating BARS 277

Using BARS 278

Forced-Choice Rating Scales 278

Creating a Forced-Choice Scale 279

Mixed-Standard Scales 279

Behavioral Observation Scales 280

Determining Training Needs 284

Organizational Analysis 285

Task Analysis 286

Person Analysis 286

Establishing Goals and Objectives 289**Choosing the Best Training Method 289**

Using Lectures to Provide Knowledge 290

Using Case Studies to Apply Knowledge 291

Using Simulation Exercises to Practice New Skills 292

Practicing Interpersonal Skills Through Role-Play 292

Increasing Interpersonal Skills Through Behavior Modeling 293

Delivering the Training Program 295

Conducting Classroom Training 295

Employment Profile 298**Career Workshop: Audience Etiquette 300**

Conducting Training Through Distance Learning 301

Conducting On-the-Job Training 304

Motivating Employees to Learn During Training 308

Providing Incentives for Learning 308

Ensuring Transfer of Training 310

Use Realistic Training Programs 310

Have Opportunities to Practice Work-Related Behavior During the Training 310

Provide Employees with the Opportunity to Apply Their Training 311

Ensure Management Is Supportive of the Training 311

Have Employees Set Goals 312

Putting It All Together 312**Evaluation of Training Results 314**

Research Designs for Evaluation 314

Evaluation Criteria 315

On the Job: Applied Case Study: Training at Pal's Sudden Service 318**Focus on Ethics: The Ethics of Using Role-Play in Employee Trainings 319****Chapter Summary 320****Questions for Review 320****Media Resources and Learning Tools 320****Is an Employee Predisposed to Being Motivated? 323**

Personality 323

Self-Esteem 323

Intrinsic Motivation 326

Needs for Achievement and Power 327

Are Employees Effectively Involved in Self-Regulating Behavior? 327**Have the Employee's Values and Expectations Been Met? 328**

Job Expectations 328

Job Characteristics 329

Needs, Values, and Wants 330

Do Employees Have Achievable Goals? 334

Specific 334

Measurable 334

Difficult but Attainable 334

Relevant 335

Time-Bound 335

Employee Participation 335

Employment Profile 336

Are Employees Receiving Feedback on Their Goal Progress? 337

Career Workshop: Providing Feedback 337

Are Employees Rewarded for Achieving Goals? 338

Timing of the Incentive 339

Contingency of Consequences 339

Type of Incentive Used 339
Individual Versus Group Incentives 343
Expectancy Theory 347
Reward Versus Punishment 349

Are Rewards and Resources Given Equitably? 350

Are Other Employees Motivated? 351

Integration of Motivation Theories 352

On the Job: Applied Case Study: Faster Service at Taco Bueno Restaurants 353

Focus on Ethics: Ethics of Motivation Strategies 354

Chapter Summary 355

Questions for Review 355

Media Resources and Learning Tools 355

Chapter 10

Employee Satisfaction and Commitment

357

Why Should We Care About Employee Attitudes? 358

What Causes Employees to Be Satisfied with and Committed to Their Jobs? 360

What Individual Differences Affect Job Satisfaction? 361

Are Employees Satisfied with Other Aspects of Their Lives? 363

Are Employees' Job Expectations Being Met? 365

Is the Employee a Good Fit with the Job and the Organization? 366

Are the Tasks Enjoyable? 367

Do Employees Enjoy Working with Supervisors and Coworkers? 367

Are Coworkers Outwardly Unhappy? 367

Are Rewards and Resources Given Equitably? 368

Is There a Chance for Growth and Challenge? 371

Integration of Theories 372

Career Workshop: What to Do If You Are Unhappy with Your Job 375

Measuring Job Satisfaction and Commitment 375

Commonly Used Standard Inventories 375

Employment Profile 379

Custom-Designed Inventories 380

Consequences of Dissatisfaction and Other Negative Work Attitudes 380

Absenteeism 380

Turnover 387

Counterproductive Behaviors 389

Lack of Organizational Citizenship Behaviors 390

On the Job: Applied Case Study: Reducing Turnover at Bubba Gump Shrimp Co. 391

Focus on Ethics: Ethics and Organizational Commitment 391

Chapter Summary 392

Questions for Review 392

Media Resources and Learning Tools 393

Chapter 11

Organizational Communication

395

Types of Organizational Communication 396

Upward Communication 396

Employment Profile 399

Downward Communication 400

Business Communication 402

Career Workshop: Phone Etiquette 403

Informal Communication 405

Interpersonal Communication 408

Problem Area 1: Intended Message Versus Message Sent 408

Problem Area 2: Message Sent Versus Message Received 409

Problem Area 3: Message Received Versus Message Interpreted 418

Improving Employee Communication Skills 422

Interpersonal Communication Skills 423

Written Communication Skills 423

On the Job: Applied Case Study: Reducing Order Errors at Hardee's and McDonald's 426

Focus on Ethics: Ethical Communication 427

Chapter Summary 428

Questions for Review 428

Media Resources and Learning Tools 428

Chapter 12

Leadership

429

An Introduction to Leadership 430

Personal Characteristics Associated with Leadership 430

Leader Emergence 430

Leader Performance 433

Interaction Between the Leader and the Situation 438

Situational Favorability 439

Organizational Climate 440

Subordinate Ability 442

Relationships with Subordinates 444

Specific Leader Skills 445

Leadership Through Decision Making 447

Leadership Through Contact: Management by Walking Around 447

Leadership Through Power 448

Employment Profile 449

Leadership Through Vision: Transformational Leadership 450

Leadership Through Authenticity 452

Cultural Differences in Leadership: Project Globe 453

Leadership: Where Are We Today? 455

Career Workshop: Obtaining Leadership Skills 458

On the Job: Applied Case Study: Developing Leaders at Claim Jumper Restaurants 459

Focus on Ethics: Ethics and Leadership 460

Chapter Summary 461

Questions for Review 461

Media Resources and Learning Tools 461

Chapter 13

Group Behavior, Teams, and Conflict

463

Group Dynamics 464

Definition of a Group 464

Reasons for Joining Groups 465

Factors Affecting Group Performance 468

Group Cohesiveness 468

Group Ability and Confidence 473

Personality of the Group Members 473

Communication Structure 473

Group Roles 474

Presence of Others: Social Facilitation and Inhibition 474

Individual Dominance 478

Groupthink 478

Individual Versus Group Performance 479

Teams 481

What Is a Work Team? 481

Types of Teams 483

How Teams Develop 485

Why Teams Don't Always Work 486

Group Conflict 488

Types of Conflict 489

Causes of Conflict 489

Conflict Styles 492

Career Workshop: Tips for Being a Good Group Member 493

Employment Profile 495
Resolving Conflict 497
On the Job: Applied Case Study: Conflict at Work 499
Focus on Ethics: Group Hazing 500

Chapter Summary 500
Questions for Review 501
Media Resources and Learning Tools 501

Chapter 14

Organization Development

503

Managing Change 504

Sacred Cow Hunts 504
Employee Acceptance of Change 506
Implementing Change 509
Organizational Culture 510

Career Workshop: Coping with Change 511

Employment Profile 513

Empowerment 516

Making the Decision to Empower 516
Levels of Employee Input 519
Empowerment Charts 523
Consequences of Empowerment 524

Flexible Work Arrangements 524

Strategy 1: Full-Time Work, Flexible Hours 525

Strategy 2: Compressed Workweeks 527

Strategy 3: Reducing Work Hours 528

Strategy 4: Working from Home 529

Downsizing 531

Reducing the Impact of Downsizing 531

Effects of Downsizing 535

On the Job: Applied Case Study: Managing Change at Carlson Restaurants 536

Focus on Ethics: Change Management 537

Chapter Summary 538

Questions for Review 538

Media Resources and Learning Tools 539

Chapter 15

Stress Management: Dealing with the Demands of Life and Work

541

Stress Defined 542

Predisposition to Stress 543

Stress Personalities 543
Gender, Ethnicity, and Race 544
Stress Sensitization 544

Sources of Stress 545

Personal Stressors 545
Occupational Stressors 546
Organizational Stressors 548
Stressors in the Physical Work Environment 550
Stress Caused by Work Schedules 557
Other Sources of Stress 560

Consequences of Stress 561

Personal Consequences 561

Organizational Consequences 563

Managing Stress 565

Planning for Stress 565

Stress Reduction Interventions Related to Life/Work Issues 568

Easing the Child-Care Burden 569

Career Workshop: Dealing with Stress 570

Easing the Elder-Care Burden 572

Easing the Daily-Chore Burden 573

Providing Rest Through Paid Time Off 573

Employment Profile 574

Measuring Stress 574

Workplace Violence 575

Perpetrators of Workplace Violence 577

Reducing Workplace Violence 577

On the Job: Applied Case Study: Reducing Stress at
a Manufacturing Company 579

Focus on Ethics: The Obligation to Reduce
Stress 580

Chapter Summary 581

Questions for Review 581

Media Resources and Learning Tools 581

Appendix

Working Conditions and Human Factors

583

Glossary 590

References 609

Name Index 651

Subject Index 662