

CONTENTS

ROCHESTER COMMUNITY AND TECHNICAL COLLEGE AND THE AS/400 UNIVERSITY	xiii
FOREWORD	xv
Chapter 1 EXPLORING BASIC OS/400 OPERATIONAL CONCEPTS	1
IDENTIFYING THE PURPOSE AND BENEFITS OF OS/400.	2
RECOGNIZING THE MAJOR FUNCTIONS OF OS/400.	3
<i>Object Management</i>	3
<i>Storage Management.</i>	4
<i>Database Management.</i>	4
<i>User Management</i>	5
<i>Security Management</i>	5
<i>Work Management</i>	6
<i>Message Management</i>	8
<i>Print Management</i>	8
UNDERSTANDING OS/400 DISPLAY TYPES.	9
<i>Sign-on Screen</i>	9
<i>Menu Displays</i>	12
<i>Displaying a Menu Using the GO Command.</i>	16
<i>Entry Displays</i>	18
<i>List Displays</i>	21
<i>Information Displays</i>	23
RECOGNIZING THE OPERATIONAL ASSISTANT	24

CHOOSING ASSISTANCE LEVELS	26
<i>Basic Assistance Level</i>	27
<i>Intermediate Assistance Level</i>	27
<i>Advanced Assistance Level</i>	27
<i>Changing the Assistance Level</i>	28
WORKING WITH AS/400 HELP FACILITIES	29
<i>Online Help</i>	29
<i>Information Assistant</i>	36
<i>InfoSeeker</i>	37
<i>AS/400 Online Library on the Internet</i>	38
<i>Other Resources</i>	39
USING CL COMMANDS	40
<i>Structure of CL Commands</i>	41
<i>Where to Enter CL Commands</i>	42
<i>Finding a List of Commands on the AS/400</i>	44
<i>Entering CL Commands</i>	48
EXERCISE 1: CREATING LIBRARIES WITH MENUS AND COMMANDS	55
Chapter 2 MANAGING OS/400 OBJECTS	63
UNDERSTANDING OBJECTS AND THEIR ATTRIBUTES	64
<i>Objects Are of Specific Types</i>	64
<i>Objects Have Names</i>	64
<i>Objects Belong to Libraries</i>	65
<i>Objects Are Referenced by Name, Not by Location</i>	65
<i>Objects Are Explicitly Created</i>	66
<i>Objects Have a Description and Content</i>	67
FINDING OBJECTS	67
WORKING WITH OBJECTS	71
<i>Copying an Object</i>	72
<i>Moving an Object</i>	72
<i>Authorizing an Object</i>	72
<i>Deleting an Object</i>	73
<i>Renaming an Object</i>	73
<i>Saving and Restoring an Object</i>	75
EXERCISE 2: WORKING WITH LIBRARIES AND OTHER OBJECTS	75

Chapter 3	CONTROLLING JOBS	97
	DEMYSTIFYING WORK MANAGEMENT	98
	<i>A Simple System.</i>	99
	<i>A Complex System.</i>	100
	<i>A System as a Business</i>	100
	<i>Work Management Terms Using the Business Scenario</i> .	101
	UNDERSTANDING JOBS	104
	<i>Basic Job Types</i>	104
	<i>The Flow of a Batch Job.</i>	105
	SUBMITTING BATCH JOBS	106
	WORKING WITH JOB QUEUES	108
	<i>Finding Job Queues</i>	109
	<i>Working with Jobs in a Job Queue</i>	110
	<i>Holding a Job Queue</i>	112
	<i>Releasing a Job Queue</i>	112
	WORKING WITH USER JOBS	113
	<i>Holding a Job</i>	117
	<i>Releasing a Job</i>	118
	<i>Ending a Job.</i>	119
	<i>Displaying Job Attributes</i>	121
	<i>Changing a Job</i>	122
	DISPLAYING JOBS IN A SPECIFIC SUBSYSTEM	126
	WORKING WITH SIGNED-ON USERS	128
	<i>Displaying Signed-on Users.</i>	129
	<i>Finding Signed-on Users and Sorting the User List</i> . . .	131
	<i>Finding Additional Information about Signed-on Users</i> .	132
	<i>Sending Messages to Signed-on Users</i>	132
	<i>Signing Users off the System</i>	133
	DISPLAYING ACTIVE JOB STATISTICS	133
	EXERCISE 3: SUBMITTING JOBS	
	AND WORKING WITH THOSE JOBS	135
Chapter 4	MANAGING MESSAGES	149
	IDENTIFYING CHARACTERISTICS OF	
	MESSAGES AND MESSAGE QUEUES.	150
	<i>Message Sources</i>	150

<i>Message Types</i>	150
<i>Message Queues</i>	151
SENDING MESSAGES	153
<i>Sending Informational Messages to Users</i>	155
<i>Sending Informational Messages to Workstations</i>	155
<i>Sending Inquiry Messages</i>	156
<i>Sending Break Messages to Workstations</i>	157
<i>Sending Messages Using an Alternative Display</i>	158
DISPLAYING MESSAGES	159
<i>Replying to Inquiry Messages</i>	162
<i>Displaying Messages Using</i>	
<i>Basic and Intermediate Assistance Levels</i>	162
<i>Displaying System Operator Messages</i>	164
REMOVING MESSAGES	166
<i>Removing Individual Messages</i>	167
<i>Removing All Messages in a Queue</i>	167
<i>Removing All Messages Not Needing a Reply</i>	168
HANDLING SYSTEM AND ERROR MESSAGES	168
<i>Getting Help on a Message</i>	168
<i>Replying to System and Error Messages</i>	172
<i>Printing Messages</i>	172
DISPLAYING MESSAGE QUEUE ATTRIBUTES	173
<i>Delivery</i>	174
<i>Program</i>	174
<i>Severity</i>	174
CHANGING MESSAGE QUEUES	175
EXERCISE 4: WORKING WITH USER AND SYSTEM MESSAGES	177
Chapter 5	
CONTROLLING PRINTER OUTPUT	191
UNDERSTANDING AS/400 PRINTING TERMS	192
<i>Spooled Files</i>	192
<i>Output Queues</i>	192
<i>Printer Writers and Printer Devices</i>	192
<i>Printer Device Files</i>	194
FINDING PRINTER OUTPUT	194
<i>Displaying Printer Output for a User</i>	195

	<i>Displaying Printer Output by Job</i>	200
	<i>Displaying Printer Output by Output Queue</i>	201
	<i>Displaying Printer Output by Printer</i>	204
	MANAGING PRINTER OUTPUT	205
	<i>Exploring Different Views of Printer Output</i>	205
	<i>Displaying the Contents of Printer Output</i>	208
	<i>Holding Printer Output</i>	209
	<i>Releasing Printer Output</i>	210
	<i>Changing the Attributes of Printer Output</i>	211
	<i>Changing the Same Attribute on Multiple Printer Jobs</i>	213
	DETERMINING WHY OUTPUT IS NOT PRINTING	215
	<i>Working with Printing Status</i>	215
	<i>Displaying Completed Printer Output</i>	217
	<i>Investigating Other Reasons</i>	
	<i>Why the Output Isn't Printing</i>	218
	<i>What Determines Where Output Prints?</i>	219
	WORKING WITH LOCAL PRINTERS	221
	<i>Starting a Printer Writer</i>	223
	<i>Ending a Printer Writer</i>	225
	<i>Holding and Releasing a Printer Writer</i>	227
	<i>Answering Printer Messages</i>	229
	EXERCISE 5: WORKING WITH SPOOLED FILES	231
Chapter 6	MANAGING DEVICES	251
	WORKING WITH DEVICE STATUS.	252
	<i>Displaying All Devices on Your System</i>	252
	<i>Interpreting the Status of Devices</i>	256
	VARYING DEVICES ON AND OFF.	260
	<i>When Would You Need to</i>	
	<i>Vary On or Vary Off a Device?</i>	261
	<i>Why Can't You Vary off</i>	
	<i>a Device with an ACTIVE Status?</i>	261
	DISPLAYING DEVICE MESSAGES	264
	DETERMINING THE CONTROLLERS	
	TO WHICH A DEVICE IS ATTACHED.	265
	DISPLAYING ALL DEVICES ATTACHED TO A CONTROLLER.	267

	VARYING CONTROLLERS ON AND OFF.	270
	DISPLAYING ALL CONTROLLERS ATTACHED TO A LINE	272
	EXERCISE 6: WORKING WITH DEVICES, CONTROLLERS, AND LINES.	277
Chapter 7	SAVING AND RESTORING	293
	UNDERSTANDING OS/400 SAVE AND RESTORE	294
	<i>Why You Need to Save Data on the AS/400.</i>	295
	<i>What You Can Save on the AS/400</i>	297
	<i>Is There Anything You Can't Save?</i>	298
	<i>Media You Can Use to Save Data.</i>	298
	<i>How to Recover Saved Data.</i>	299
	PREPARING TAPES FOR A BACKUP	300
	<i>Rotating Tapes.</i>	300
	<i>Cleaning Tape Units.</i>	301
	<i>Initializing a Tape.</i>	302
	<i>Displaying Tape Contents.</i>	307
	<i>Handling Tape Errors.</i>	312
	RUNNING A SIMPLE BACKUP.	313
	<i>The Save Menu</i>	314
	<i>Save Commands</i>	316
	<i>Restricting Access to the System</i>	318
	<i>Saving and Restoring a Library Using Tape</i>	319
	EXERCISE 7: SAVING A LIBRARY TO AND RESTORING IT FROM A SAVE FILE	329
	RESOURCES	339
	INDEX	343