

BRIEF CONTENTS

INTRODUCTION	IX	
PART 1		
SECURITY FUNDAMENTALS	1	
MODULE 1		
Introduction to Security	3	
MODULE 2		
Threat Management and Cybersecurity Resources	33	
PART 2		
ENDPOINT SECURITY	63	
MODULE 3		
Threats and Attacks on Endpoints	65	
MODULE 4		
Endpoint and Application Development Security	95	
MODULE 5		
Mobile, Embedded, and Specialized Device Security	127	
PART 3		
CRYPTOGRAPHY	155	
MODULE 6		
Basic Cryptography	157	
MODULE 7		
Public Key Infrastructure and Cryptographic Protocols	191	
PART 4		
NETWORK SECURITY	223	
MODULE 8		
Networking Threats, Assessments, and Defenses	225	
MODULE 9		
Network Security Appliances and Technologies	255	
MODULE 10		
Cloud And Virtualization Security	285	
MODULE 11		
Wireless Network Security	317	
PART 5		
ENTERPRISE SECURITY	351	
MODULE 12		
Authentication	353	
MODULE 13		
Incident Preparation, Response, and Investigation	389	
MODULE 14		
Cybersecurity Resilience	423	
MODULE 15		
Risk Management and Data Privacy	453	
APPENDICES		
Appendix A: CompTIA Security+ Sy0-601 Certification Exam Objectives	479	
Appendix B: Two Rights & A Wrong: Answers	505	
GLOSSARY	515	
INDEX	543	