



## **CompTIA Strata –Green IT**

Course CT-06 – One Day - Instructor-led - Hands-on

### **Introduction**

You will establish an effective green IT strategy that can help your organization become more energy efficient and environmentally responsible.

### **Audience**

This course is intended for information technology (IT) professionals who have decision-making authority for their company's IT infrastructure, who do not have significant prior experience or training in green IT-specific standards, technologies, and practices, and who face the need to establish sound green IT practices in their organization. The student should have mastery of baseline technical concepts such as those presented in standard industry certifications such as CompTIA A+ and Server+, as well as a working understanding of network technology.

### **At Course Completion**

Upon successful completion of this course, students will gain the following skills and knowledge:

- Develop a foundation for an effective green IT strategy by describing concepts of green IT and creating a performance baseline.
- Describe the components that work together in a green infrastructure.
- Describe the various initiatives you can take to make the best of your technologies and reduce power and waste.
- Develop a green IT proposal and justify the cost of the solution.

### **Prerequisites**

Working knowledge and hands-on experience with personal computers, client/server network configurations, and computer components, including the ability to install, configure, upgrade, and maintain basic hardware and software components on computers in both desktop/workstation and server roles.

### **CompTIA Certified Professional Exams**

The CompTIA Strata: Green IT course is designed to help you prepare for the CompTIA Strata: Green IT examination. Attending this course and using this student guide will help you prepare for certification. You should also refer to the exam objectives to see how they map to the course content. The exam objectives are provided in Appendix A.

**Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>**



You can set up testing directly with Pearson VUE when you're ready and you can arrange to take your exams at ISInc, an authorized Pearson VUE testing center

## **Student Materials**

The student kit includes the following:

- Comprehensive workbook

## **Course Content**

### **Module 1: Basics of Green IT**

- Relevance of Green IT
- Green Initiatives
- Assess Your Environmental Impact

### **Module 2: The Green IT Infrastructure**

- Select Hardware for Deployment
- Virtualization Technology

### **Module 3: Reduction Initiatives**

- Reduce Power Via Hardware
- Reduce Power Via Software
- Green Facilities and Renewable Power
- Implement Material Saving Practices
- Implement Green Workforce Policies
- Implement Recycling and Disposal Techniques

### **Module 4: Develop a Green IT Proposal**

- Establish a Green Strategy
- Assess Cost Effectiveness

### **Appendix A: Mapping Course Content to the CompTIA® Strata™: Green IT FC0-GR1 Exam Objectives**

### **Appendix B: CompTIA Strata Green IT Acronyms**

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