Fundamentals for Cyber Risk Management Course Introduction

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**003 Instructor: So, let's just do a brief overview of what we're going to cover in this particular course. There's a lot of meat here, and we're going to start off by baselining everybody with what are the key concepts related to risk management. It's going to feel a little high-level. It's going to give you some definitions, but it's good to have that for the blocking and tackling part so that way, when you get into the bulk of this set of presentations, you'll have a better understanding as to where we're coming from when we talk about risk.

We're going to teach you the basics of risk assessment and how to do some analysis. There are a whole bunch of different methodologies out there that you can use. We'll talk about that. We're also going to talk

about different frameworks of which you can establish programs upon.

Now, there's a lot that has to go into a risk. We talk about threats. We talk about vulnerabilities. We talk about your capabilities and how you're going to leverage control sets against these different threats. So, we need to talk about that cyber threat environment.

Also, we want to talk about specifically what controls are available to you and what countermeasures you can use.

Now, there are different strategies that you can put at hand to, that way you can actually maybe get ahead of these risks and avoid them. And we're going to talk about those.

And finally, I like to say that there's a cold dark day with any given risk. And that's the day that this risk will maybe come to fruition. And when you realize that risk and you're actually in the heat of an event that may eventually become an incident, you're going to want to know how to respond to that risk and how to recover your organization from that. So, we're going to go into that as well.

Course Agenda

- Risk Management Overview
- Risk Management Frameworks
- Critical Assets and Operations
- Threats and Vulnerabilities
- Risk Analysis and Mitigation
- Security Controls
- Mitigation Strategy Maintenance
- Response and Recovery

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**004 So, as a course agenda, we're going to start out with that overview, and then we're going to jump into the frameworks and critical assets, which you're going to come to find risk is related a lot to understanding what your critical assets are in the organization and how you insulate them. We're going to talk a little about threats and vulnerabilities, how to analyze them, and eventually how to put controls around them and to establish strategies for response and recovery.

Notices

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