

RISK AND RESILIENCE BOOTCAMP





INTRODUCTION

- Welcome to the Risk and Resiliency bootcamp
- Before we jump into the material, here's a brief orientation:
 - Introduction of the instructor
 - Introduction of the students
 - Class materials
 - Outline of the bootcamp
 - Operational protocols for the camp
- Any other housekeeping items we need to address

ROD DAVISON - INSTRUCTOR

Fifty-three years of IT-related experience

Academic

- Theoretical math, cognitive science, psychology/sociology and linguistics/anthropology

Work

- Artificial Intelligence R&D and management
- Quality engineering
- Market research, social research design
- Business analysis, project management, and project forensics
- Consulting and training

Clients

- Banking and finance (Wall Street)
- Insurance
- Engineering
- Defence contractors
- Fortune 100 companies
- US and Canadian government agencies



INTRODUCE YOURSELF

Please introduce yourself

1. The name you would prefer to be used in class
2. Your technical background and the skill sets you are bringing to class
3. Your experience with risk and resilience
4. Any specific goals or objectives for the class



CLASS REPOSITORY

- <https://github.com/ExgnosisClasses/2529-Risk-Resiliency>
- This repository will contain all the material used in class
 - Available until Jan 30, 2026
 - It will be updated regularly as new material is introduced during the class
 - Intended to be a working repository for the class
- It will contain
 - The slides for the class
 - All of the case study and exercise materials
 - Resources and publications
 - Reference and reading list

COURSE STRUCTURE

- The course is divided into sections
 - Each section is roughly one week
 - However, some sections may be a bit shorter or longer than one week
- The main risk sections are
 - Module 1: Risk Foundations and Technology Context
 - Module 2: Core Technology Operations and Controls
 - Module 3: Risk Identification and Classification
 - Module 4: People, Process, and Systems
 - Module 5: Risk Assessment and Analysis
 - Module 6: Risk Response and Monitoring
 - Module 7: Reporting and Governance

COURSE STRUCTURE

- The main resiliency sections are
 - Module 1: Risk Foundations and Technology Context
 - Module 2: Core Technology Operations and Controls
 - Module 3: Risk Identification and Classification
 - Module 4: Foundations of Resilience & Continuity
 - Module 5: Domain-Specific Resilience Strategies
 - Module 6: Testing, Exercising & Crisis Management
 - Module 7: Integration, Maturity Planning

COURSE FORMAT

- The class is an analytic workshop
 - This means the focus is on developing the analytical skills you will need on the job
 - Roughly the last half of the course will be divided between classroom sessions and on-site mentoring
- There will be a capstone project
 - This will allow you to apply what you have learned in class in an integrated manner
 - The format and content will be finalized in the early part of the class
- The content is aligned to support your certification
 - However, this is not an exam prep course
 - The objective is to prepare you for the workplace
 - The course will cover more than what is required for certification
 - This bootcamp is a foundation for your certification preparation

COURSE FORMAT

- Each module will be composed of
 - Lectures: Minimal time will be spent just listening
 - Discussions: These will be guided discussions about the material presented
 - Participation in these will be considered in your evaluation
 - The purpose of the discussion is to ensure that you understand how to apply the material
 - Readings: These are papers and reports that are relevant to risk and resiliency in the finance world
 - Will often form the basis for class discussions and exercises
 - Case studies: You will analyze and report on real-world case studies during class
 - Exercises: Where you will apply the class content to a practical hands-on problem

COURSE PROTOCOLS

- Participation
 - Your participation is expected and required
 - Feel free to ask questions or speak up at any time during the class
 - There will be check-ins at random points where the instructor will ask you to confirm how well you understand the material
- Behavior
 - Be respectful and courteous to your classmates
 - Be on time for class and return promptly from breaks
 - If you will be absent, please let the instructor know in advance whenever possible
- Have fun!
 - You are going to learn a lot more if you enjoy the class.

Q&A AND OPEN DISCUSSION

