

**Gestão de Cibersegurança
Universidade do Minho
2025/2026**

Practical Lab Exercises #02

PG60242 – Daniel Francisco Teixeira Andrade – MCS

PG59787 – João de Albuquerque Ferreira Vieira da Fonseca – MCS

PG61005 – Pedro André Ferreira Malainho – MCS

Time	Requirement	Explanation
00:13:47	To Be - Ethicality	Nick opens an (unauthorized) "error account" to hide his trading mistakes
00:16:00	To Change - Accuracy	Nick says to the girl to sell 20 but instead she buys 20, making a 20k loss
00:18:23	To Be - Responsability	Nick lies to his manager about fixing the loss, instead of saying it got worse.
00:18:36	To Be - Integrity	Nick reveals to Bonnie that he bought the missing contracts behind his manager's back
00:19:35	To Comply -Legality	Nick "borrows" money from the client account, without the clients knowledge or consent, to hide his losses
00:24:34	To Change - Authenticity	Nick tries to manipulate the market by pretending to sell, when he is trying to buy
00:30:13	To Comply- Legality	Nick decides to buy from his client and sell when the market rises, breaking the rule of not trading for the bank
00:40:00	To Comply - Acountability	Higher ups from the bank discuss their own breach of regulations and how it was swept under the rug
00:41:28	To Change - Authenticity	Nick orders Bonnie to set up notional trades in order to falsify the bank statements and protect his secrets
00:43:40	To Be - Trust	Ron asks Nick to work Sunday night, outside of his working hours
00:52:24	To Be - Integrity	Nick lies to his manager about what account 88888 is, trying to discredit the SIMEX's letter
00:59:37	To Change - Authenticity	Nick forges a false letter from Ron, pretending that the deal is real
01:00:26	To Know - Possession	Nick forged Ron's signature for the fake deal
01:04:13	To Comply - Non-Repudiation	Ron and Peter discuss about the breach in SIMEX's regulations and that everything will be fine if the audotprs don't put the "non-trasaction" in their report
01:24:15	To Use - Survivability	Baring Banks collapses
01:27:06	To Use - Availability	The bank becomes insolvent and declares total liquidation.