



Nicolas Whaibe

Lab Instructor

O: OB 0.03

T: 09 218 950, Ext. 2194

E: nwhaibe@ndu.edu.lb

Biography

Nicolas Whaibe received his Master's degree in Nanophysics from the Lebanese University in 2011. During his studies, he conducted personal research, developing algorithms and translating them into C++ code to solve various problems in applied physics and mathematics. His thesis focused on the numerical simulation of the band structure of heterojunctions for photovoltaic (PV) cell applications. Over the past decade, Nicolas has gained experience in the electrical industry and IT related roles. He has worked closely with electrical contractors, engineers, consultants, and American and European manufacturers to prepare product submittals and ensuring compliance with project specifications and standards. In 2024, he joined NDU as a Lab Instructor in the Department of Physics & Astronomy. His academic interests include quantum physics, astrophysics, and artificial intelligence.

Training

- Trained and certified by Brady Corporation in safety site surveys, labeling identification, and Lockout/Tagout (LOTO) procedures, with training conducted in Belgium and the UAE.

Exhibitions, Competitions and Creative Work

- Conducted safety site surveys for manufacturers and companies in Lebanon, including LafargeHolcim at their plant in Chekka and Suez Group at the wastewater treatment plant in Zahle, working with their engineers and safety managers in collaboration with Brady.