



DM5000 Creative Robotics

Eligibility: ADM & NTU

Ong Zi Feng (PT)

G01 (63106): Thursday, 1330 - 1620 at ART-1-11A



JIZAI ARMS / JIZAI ARMS project team (JP), The University of Tokyo (JP)

Learning Objective

This intermediate-level course will introduce you to the history, genres, aesthetics, practices, and relevance of creative robotics. It aims to deepen your understanding of embodied approaches for further studies in animation, performing arts, interactive media, interaction design, and product design.

Content

This course explores the historical and contemporary issues surrounding robots, their epistemological roles, and societal repercussions. You will gain basic technical skills in physics and mechatronics, learning to create robotic bodies from simple physical assemblages, sensors, and effectors. Finally, you will apply your knowledge to create, develop, present, and document an original creative robotics work.

To find out more, please contact: ADM_Undergrad@ntu.edu.sg