

Manchester CubeSat Research Group

Saturday, 12 December 2020 16:26 (4 minutes)

University students have little to no experience in real life satellite design. The Manchester CubeSat Research Group helps educate and upskill space enthusiasts' students from different fields of study. Currently we are designing a bus intended for a mission range of 200 to 400 km, 50° to 90° inclination, circular orbit, 3U CubeSat with sufficient power and link budget to accommodate various optical payloads, including multispectral, TDI imagers. We believe our platform would be perfect for technology demonstrations or testing of on-orbit Machine Learning and Machine Vision technologies.

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