

Graduate Course Listings for Fall 2021, Winter 2022, and Summer 2022.

COURSE	DESCRIPTION	TERM	MODE OF INSTRUCTION	INSTRUCTOR
ENG PHYS 6D03	Nuclear Reactor Physics	Fall 2021	Virtual Classroom	TBA
ENG PHYS 6I03	Introduction to Biophotonics	Winter 2022	TBA, planning for in-person	Q. Fang
ENG PHYS 6MD3	Nanoscale Semiconductor Devices	Winter 2022	TBA, planning for in-person	A. Kitai
ENG PHYS 6NE3	Advanced Nuclear Engineering	Winter 2022	TBA, planning for in-person	J. Luxat
ENG PHYS 6P03	Nuclear Power Plant Systems and Operation	Winter 2022	TBA, planning for in-person	TBA
ENG PHYS 6PP3	Plasma Physics Applications	Fall 2021	Virtual Classroom	A. Buijs
ENG PHYS 6QC3	Introduction to Quantum Computing	Winter 2022	TBA, planning for in-person	R. LaPierre
ENG PHYS 6S03	Lasers and Electro-Optics	Winter 2022	TBA, planning for in-person	Xu
ENG PHYS 6X03	Introduction to Photovoltaics	Fall 2021	Virtual Classroom	Turak
ENG PHYS 6Z03	Semiconductor Manufacturing Technology	Fall 2021	Virtual Classroom	Soleymani
ENG PHYS 702	Seminar Course	Fall 2021 & Winter 2022	Fall: Virtual Classroom; Winter: TBA, planning in-person	J. Bradley
ENG PHYS 707	Nuclear Fuel Cycle & Radioactive Waste Management	Winter 2022	TBA, planning for in-person	S. Nagasaki
ENG PHYS 709 / BIOMED 707	Adv Topics In Biophotonics	Fall 2021	Virtual Classroom	Q. Fang
ENG PHYS 710	Nuclear Reactor Dynamics and Control	Fall 2021	Virtual Classroom	J. Luxat
ENG PHYS 718	Nuclear Reactor Heat Transport Simulation & Analysis	Winter 2022	TBA, planning for in-person	TBA
ENG PHYS 721	Optical Amplifiers and Lasers	Winter 2022	TBA, planning for in-person	J. Bradley
ENG PHYS 723	Semiconductor Diode Laser Physics	Winter 2022 (Compacted Schedule TBD)	TBA, planning for in-person. Will be a condensed schedule	Jean-Pierre Landesman
ENG PHYS 724 / MATLS 724	Materials Characterization	Fall 2021	TBA	N. Bassim
ENG PHYS 726	Optoelectronic Device Physics	Fall 2021	Blended (In-Person/Virtual)	A. Knights
ENG PHYS 733	Research Project Eng Phys for M.Eng Students	Summer 2022	TBA, planning for in-person	Various
ENG PHYS 752 / MECH ENG	Advanced MEMS Fabrication & Microfluidics	Winter 2022	TBA, planning for in-person	TBA
ENG PHYS 782	Solid State Electronics	Fall 2021	Virtual Classroom	P. Mascher

If you have any questions, please contact the office at engphys@mcmaster.ca

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