

TERM 5 - CLASS OF 2025 - Winter 2023**COMPLEMENTARY STUDIES**

Complementary studies can be taken anytime (during a work term or an academic term)
but must be completed before graduation. For more information:

[Complementary Studies](#)

Course #	Course Name	Instructor
ENGI 4102	Engineering Economics	Shekari, E.
ENGI 8151	Technology, Sustainable Society and International Development	Hashemi, J.
ENGI 8111	How to Change the World	Peters, D.
Civil		
CIV 5320	Mechanics of Solids II	Hassan, A
CIV 5460	Applied Mathematical Analysis	Adluri, S
CIV 5510	Design of Concrete Structures	Hassan, A
CIV 5110	Fluid Mechanics	Dayarathne, R.
CIV 5230	Geotechnical Engineering II	Hawllader, B
Computer		
ECE 5010	Software Design	Vardy, A
ECE 5100	Probability and Random Processes	Karami, E
ECE 5200	Control Systems I	O'Young, S
ECE 5400	Algorithms: Correctness and Complexity	Shahidi, R
ECE 5500	Digital Systems	Wanasinghe, T
Electrical		
ECE 5000	Electrical Engineering Design	Iqbal T.
ECE 5100	Probability and Random Processes	Karami, E
ECE 5200	Control Systems I	O'Young, S
ECE 5300	Electronic Circuits II	Masek; V
ECE 5700	Basic Electromagnetics	Wanasinghe, T
Mechanical		
ME 5103	Chemistry & Physics of Eng. Materials II	Morrissey, L
ENGI 4421	Probability and Statistics	Taylor, R.
ME 5602	Mechanics of Solids II	Elruby, A.
ME 5201	Mechatronics I	Zou, T
ME 5502	Fluid Mechanics II	Bhourri, M
ONAE		
AMAT 3202-001	Vector Calculus	
ONAE 5020	Marine Propulsion	Qiu, W.
ONAE 5022	Stochastic Processes in Ocean Engineering	Molyneux, D
ONAE 5034	Marine Vibrations	Moro, L
PHYS 3300	Introductin to Physical Oceanography	
PROCESS		
ENGI 4421	Probability and Statistics	Taylor, R.
ME 5103	Chemistry & Physics of Eng. Materials II	Morrissey, L
PROC 5001	Mass Transfer	Zhang, Y.
PROC 5002	Process Heat Transfer	Aborig, A. / Imtiaz, S.
PROC 5071	Process Equipment Design I	Ahmed S.