

TERM 5 - CLASS OF 2027 - Winter 2025**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	Hurley, S.
ENGI	8155	Ethics in a Technological World	Rosales, J.
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	Daraio, J
CIV	5230	Geotechnical Engineering II	Hawladar, B
Computer			
ECE	5010	Software Design	Vardy, A
ECE	5100	Probability and Random Processes	Noel, A.
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	Noel, A.
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	Sharan, A.
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	Duan, X.
Mechatronics			
CIV	6470	Thermal Sciences	Ibraheem, L
ECE	5300	Electronic Circuits II	Masek, V
ECE	5610	Sensors & Instrumentation	Masek, V
ENGI	4421	Probability and Statistics	Taylor, R.
ME	5602	Mechanics of Solids II	Elruby, A.
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.
PROC	5001	Mass Transfer	Zhang, Y.
PROC	5002	Process Heat Transfer	Zendeboudi, S
PROC	5071	Process Equipment Design I	Ahmed, S.
PROC	5092	Chemistry & Physics of Eng. Materials	Lin, C