

TERM 6 - CLASS OF 2019 - Fall 2017**CIVIL**

SUBJ	Course Number	Section	Course Name	Instructor
	See offerings		Complementary Studies Course	
ENGI	6322	001	Thermal Sciences	Saady, N
ENGI	6705	001	Structural Analysis I	Dhar A
ENGI	6707	001	Design of Concrete and Masonry Structures	Hussein A
ENGI	6713	001	Hydraulics	Abdel-Razek, A
ENGI	6749	001	Construction Planning Equipment and Methods	Hurley, S

Computer

SUBJ	Course Number	Section	Course Name	Instructor
	See offerings		Complementary Studies Course	
ENGI	6861	001	Computer Architecture	Venkatesan, R
ENGI	6871	001	Communication Principles	Huang W
ENGI	6876	001	Communication Networks	Yadav, A
ENGI	6892	001	Algorithms: Complexity and Correctness	Norvell, T
	Choose 1 from the following technical electives:			
COMP	3731	001	Introduction to Scientific Computing	
COMP	4750	001	Introduction to Natural Language Processing	
COMP	4754	001	Database Systems	
ENGI	6855	001	Industrial Controls and Instrumentation	Masek V
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A

Electrical

SUBJ	Course Number	Section	Course Name	Instructor
	See offerings		Complementary Studies Course	
ENGI	6813	001	Electromagnetic Fields	Huang W
ENGI	6843	001	Rotating Machines	Jeyasurya B
ENGI	6855	001	Industrial Controls and Instrumentation	Masek V
ENGI	6871	001	Communication Principles	Huang W
	Choose 1 from the following technical electives:			
ENGI	6856	001	Power Electronics	Rabbi, S
ENGI	6876	001	Communication Networks	Yadav, A
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A

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Mechanical				
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Required Courses:				
ENGI	6901	001	Heat Transfer I	Dehghani, S
ENGI	6929	001	Mechanical Component Design I	Yang, J
ENGI	6933-001	001	Mechanical Vibrations	Rideout, G
ENGI	6951	001	Automatic Control Engineering	Mann, G
In addition to the four required courses listed above, all students must register for one Technical Stream Course . The recommended courses are as follows:				
Petroleum Technical Stream				
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A
Mechanics and Materials, Mechatronics & Thermo-fluids Technical Streams				
ENGI	6928	001	Computer Aided Engineering Applications	Fisher/De Silva

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ONAE				
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	See offerings		Complementary Studies Course	
	Focus Stream Electives			
ENGI	6003	001	Ship Structure II	Quinton B.
ENGI	6005	001	Floating Ocean Structures Design	Peng H.
ENGI	6055	001	Marine Cybernetics	Moro, L
ENGI	6046	001	Marine Engineering Systems	Colbourne, B
ENGI	6933-002	001	Mechanical Vibrations	Moro, L
Process				
SUBJ	Course Number	Section	Course Name	Instructor
	See offerings		Complementary Studies Course	
ENGI	6621	001	Process Modelling and Analysis	Imtiaz, S
ENGI	6631	001	Chemical Reaction Engineering	Hawboldt, K
ENGI	6671	001	Process Equipment Design II	Zhang, Y
ENGI	6661	001	Process Fluid Dynamics II	Zendeboudi, S
			Choose one of the following	
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A
ENGI	6651	001	Sustainable Engineering in Processing Industries	Papari, S