

**TERM 6 - CLASS OF 2020 - Fall 2018****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	Snelgrove, K
ENGI	6749	001	Construction Planning Equipment and Methods	Spracklin-Reid, D

**Computer**

SUBJ	Course Number	Section	Course Name	Instructor
	See offerings		Complementary Studies Course	
ENGI	6861	001	Computer Architecture	Osarogiagbon, A
ENGI	6871	001	Communication Principles	Huang, W
ENGI	6876	001	Communication Networks	Ibrahim, A
ENGI	6892	001	Algorithms: Complexity and Correctness	Peters, D
	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	Biswas, S
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	Ibrahim, A
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A

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**Mechanical**

SUBJ	Course Number	Section	Course Name	Instructor
	See offerings		Complementary Studies Course	
			<b>Required courses for ALL Mechanical students</b>	
ENGI	6901	001	Heat Transfer I	Nyantekyi-Kwakye, B
ENGI	6928	001	Computer Aided Engineering Applications	De Silva
ENGI	6929	001	Mechanical Component Design I	Rideout, G
ENGI	6933-001	001	Mechanical Vibrations	Hookey, N
ENGI	6951	001	Automatic Control Engineering	Zou, T
			<b>In addition to the above courses, Petroleum Stream and Biomedical Stream students must take one additional course.</b>	
			<b>Petroleum Technical Stream students only</b>	
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A
			<b>Biomedical Stream students only</b>	
HKR	2311		Introduction to Anatomy and Physiology (Distance)	

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**ONAE**

SUBJ	Course Number	Section	Course Name	Instructor
	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	Walker, D
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	Ahmed, S
ENGI	6661	001	Process Fluid Dynamics II	Zendehboudi, S
			Choose <b>one</b> of the following	
ENGI	6602	001	Offshore Petroleum Geology and Technology	Abugharara, A
ENGI	6651	001	Sustainable Engineering in Processing Industries	Papari, S