

School of Energy - BTech Electronics
Flexible Learning (formerly Part-time Studies)

2023 August	* TENTATIVE PLAN		2023	2023	2024	2024	2024	2025	2025	2025	2026	2026	2026	2027	2027	2027
			May~Aug	Sept.-Dec.	Jan.-Apr.	May~Aug	Sept.-Dec.	Jan.-Apr.	May~Aug	Sept.-Dec.	Jan.-Apr.	May~Aug	Sept.-Dec.	Jan.-Apr.	May~Aug	Sept.-Dec.
CORE	(38 Credits Required)															
ELEX 7010	Engineering Statistics	Core	X			X			X			X			X	
ELEX 7020	Multivariable Calculus ...	Core		X			X			X			X			X
ELEX 7021	Scientific Computing 1	Core		X			X			X			X			X
ELEX 7030	Thermodynamics	Core		X			X			X			X			X
ELEX 7040	Engineering Materials	Core			X			X			X			X		
ELEX 7110	Linear Physical Systems	Core		X			X			X			X			X
ELEX 7120	Linear Algebra & Vector	Core			X			X			X			X		
ELEX 7121	Scientific Computing 2	Core			X			X			X			X		
ELEX 7140	Semiconductor Theory ...	Core			X			X			X			X		
ELEX 7210	Signal Theory & Process..	Core			X			X			X			X		
ELEX 7220	Feedback Control	Core			X			X			X			X		
ELEX 7230	Electromagnetism	Core		X			X			X			X			X
ELEX 7240	Electric Machines	Core		X			X			X			X			X
ELEX 7250	Communication Theory ...	Core		X			X			X			X			X
ELECTIVES	(9 Credits Required)															
ELEX 8010	Data Communication	Elective							X						X	
ELEX 8030	Real-Time Embedded Sys	Elective	X		X			X			X			X		
ELEX 8130	Computer Networks	Elective														
ELEX 8140	Mobile Communications	Elective				X						X				
ELEX 8170	Industrial Sys Electr Des	Elective		X			X			X			X			X
ELEX 8180	Discrete-Time Contr Sys	Elective				X			X			X			X	
ELEX 8270	Power System Analysis	Elective			X			X			X			X		
ELEX 8275	RF Design Engineering	Elective														
ELEX 8285	Power System Protection	Elective	X			X			X			X			X	
MANAGEMENT	(9 Credits Required)															
BUSA 7250	Management Skills & App	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ELEX 8280	Engineering Law	Req'd			X			X			X			X		
FMGT 8295	Engineering Economics	Req'd	X			X			X			X			X	
PROJECT	(5 Credits Required)															
ELEX 8300	Industry Project	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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LIBERAL STUDIES	(12 Credits Required)															
LIBS 7001	Critical Writing	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIBS 7002	Applied Ethics	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIBS XXXX	Student's choice	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIBS XXXX	Student's choice	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tutorials	(No credits)															
ELEX 0362	MATLAB-SIMULINK	Optional	X		X	X		X	X		X	X		X	X	
ELEX 0371	Control	ELEC-A2			X			X			X			X		
ELEX 0372	Advanced Control Systems	ELEC-B2			X			X			X			X		
ELEX 0374	Circuits	ELEC-A1			X			X			X			X		
ELEX 0375	Power System & M/Cs	ELEC-A6			X			X			X			X		