

5 REQUIRED COURSES FOR CERTIFICATE STUDENTS

PROGRAM	COURSE CODE	COURSE NAME	PRE-REQUISITES REQUIRED
Certificate in Technology: Civil Engineering Infrastructure Technology	ENG TECH 3MA3	MATHEMATICS V	
	ENG TECH 3ML3	STRENGTH OF MATERIALS	ENG TECH 3MA3 & ENG TECH 3SD3
	ENG TECH 3SD3	STATICS & DYNAMICS	
	ENG TECH 3SP3	STRUCTURE & PROPERTIES OF MATERIALS	
	ENG TECH 4TF3	MECHANICS OF FLUIDS	ENG TECH 3MA3
Certificate in Technology: Power and Energy Engineering Technology	ENR TECH 3EP3	ELECTRICAL POWER GENERATION	
	ENR TECH 3IN3	INDUSTRIAL NETWORKS & COMMUNICATION SYSTEMS	
	ENR TECH 3MI3	MEASUREMENTS & INSTRUMENTATION	
	ENG TECH 3TD3	THERMODYNAMICS	ENG TECH 3MA3
	ENG TECH 3MA3	MATHEMATICS V	
Certificate in Technology: Manufacturing Engineering Technology	ENG TECH 3TD3	THERMODYNAMICS	ENG TECH 3MA3
	ENG TECH 3MA3	MATHEMATICS V	
	ENG TECH 3ML3	STRENGTH OF MATERIALS	ENG TECH 3MA3 & ENG TECH 3SD3
	ENG TECH 3SP3	STRUCTURE & PROPERTIES OF MATERIALS	
	ENG TECH 3SD3	STATICS & DYNAMICS	Anti-requisite: MANTECH 3MD3
Certificate in Technology: Software Engineering Technology (Students who began in September 2020 or later)	ENG TECH 3MA3	MATHEMATICS V	
	ENG TECH 3ST3	PROBABILITY AND STATISTICS	ENG TECH 3MA3
	ENG TECH 3DM3	DISCRETE MATHEMATICS	
	(TWO ADDITIONAL 3 RD YEAR SFWR TECH COURSES)	SWRTECH 3PR3 <u>OR</u> 3IT3 must be one of your selections	
Certificate in Technology: Software Engineering Technology (Students who began prior to September 2020 ONLY)	ENG TECH 3MA3	MATHEMATICS V	
	ENG TECH 3ST3 <u>OR</u> 3DM3	PROBABILITY AND STATISTICS <u>OR</u> DISCRETE MATHEMATICS	ENG TECH 3MA3 for ENG TECH 3ST3
	GEN TECH 3EE3	ENGINEERING ECONOMICS	
	(TWO ADDITIONAL 3 RD YEAR SFWR TECH COURSES)	SWRTECH 3PR3 <u>OR</u> 3IT3 must be one of your selections	