

Engineering and Electronics Technology Instrumentation Diploma

Name _____ Empl. ID# _____		Date Entered _____	Date Grad. _____		
GENERAL EDUCATION COURSES		Credit	Res	Tr	Notes
MAT 150 College Algebra <i>OR</i>		3			
MAT 126 Technical Algebra and Trigonometry		(3)			
Written Communication or Oral Communications		3			
GENERAL EDUCATION SUBTOTAL		6			
TECHNICAL CORE REQUIREMENTS		Credit	Res	Tr	Notes
ELT 110 Circuits I		5			Recommended first semester Prereq: MAT 65 or be concurrently enrolled in MAT 65 AND have scored COMPASS pre-algebra 42 or KMATH 12.
ELT 114 Circuits II		5			Recommended first semester Prereq: ELT 110 with a grade of C or better or instructor consent
ELT 210 Devices I		4			Prereq: ELT 110 with a grade of C or better or instructor consent
ELT 120 Digital I		3			Prereq: MAT 65 or equivalent placement level or instructor consent
CAD 103 CAD Fundamentals <i>OR</i> CAD 100 Introduction to Computer Aided Design		4 (3)			Fulfills digital literacy requirement
Course chosen with consent of program coordinator		3			
ELT 289 Engineering and Electronics Technology Capstone Course		1			
COED 198 Practicum <i>OR</i> COE 199 Cooperative Education <i>OR</i> Equivalent course with consent of program coordinator		1-2 (1-2) (1-2)			
TECHNICAL CORE SUBTOTAL		24-25			
INSTRUMENTATION SPECIALIZATION		Credit	Res	Tr	Notes
ELT 220 Digital II		3			Prereq: ELT 120 with a grade of C or better or instructor consent
ISM 102 Fundamentals of Instrumentation		4			
ISM 210 Fundamentals of Process Control		4			
Technical Electives*		9			
SPECIALIZATION COURSES SUBTOTAL		20			
PROGRAM TOTAL		51-53			

*Technical Electives: Any EET, ET, ELT, IMT, CIS, NIS, IT, ISM, CAD, ICT, MFG or other course as approved by the program coordinator.

Progression in the program is contingent upon achieving a grade of “C” or better in each technical course and maintenance of a 2.0 cumulative grade point average or better (on a 4.0 scale).