

Engineering and Electronics Technology Computer Maintenance Diploma

Name _____ Empl. ID# _____	Date Entered _____	Date Grad. _____		
GENERAL EDUCATION COURSES	Credit	Res	Tr	Notes
Written Communication or Oral Communications	3			
MAT 150 College Algebra OR MAT 126 Technical Algebra and Trigonometry	3 (3)			
GENERAL EDUCATION SUBTOTAL	6			

TECHNICAL CORE REQUIREMENTS	Credit	Res	Tr	Notes
ELT 110 Circuits I	5			Prereq: MAT 65 or be concurrently enrolled in MAT 65 AND have scored COMPASS pre-algebra 42 or KMATH 12. Recommended first semester
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 OR 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 OR COE 199 Cooperative Education OR Equivalent course with consent of program coordinator	1-2 (1-2) (1-2)			
TECHNICAL CORE SUBTOTAL	25-27			

COMPUTER MAINTENANCE SPECIALIZATION	Credit	Res	Tr	Notes
ELT 234 Computer Hardware Maintenance OR CIT 111 Computer Hardware and Software OR ELT 105 Computer Maintenance Essentials	3 (3) (3)			Prereq: Digital literacy course or bypass exam or instructor consent Prereq: Digital literacy course, placement in MAT 85 or 126 or instructor consent
ELT 232 Computer Software Maintenance OR ELT 205 Advanced Computer Maintenance	3 (3)			Prereq: Digital literacy course or bypass exam & ELT 234 or instructor consent
ELT 220 Digital II	3			Prereq: ELT 120 with a grade of C or better or instructor consent
NIS 160 Networking Core Technologies OR IT 120 Cisco Internetworking I OR CIT 160 Data Communications and Networking	3 (4) (4)			Prereq: CIT 111 or instructor consent
Technical Electives*	9			
SPECIALIZATION COURSES SUBTOTAL	21-22			
PROGRAM TOTAL	52-55			

*Technical Electives: Any EET, ET, ELT, IMT, CIS, NIS, IT, ISM, CAD, ICT, MFG, or any 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).

For a list of KCTC general education classes in each category, go to
http://www.kctcs.edu/~media/System_Office/student/2016-17%20Catalog/058-076_Academic_Services_KCTCSCatalog_2016-17.aspx > pp. 72-76.

Or www.kctcs.edu> students> programs and catalog> Academic Services section> pp. 72-76.

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