

**Associate in Applied Science  
Engineering and Electronics Technology  
Computer Maintenance Track**

Name _____	Empl. ID# _____	Date Entered _____	Date Grad. _____
DEVELOPMENTAL COURSES AS NEEDED		Notes	
RDG 30 <i>OR</i> RDG 100			
ENC 91			
MAT 55			
MAT 65			
MAT 85 (if pursuing MAT 150)			

GENERAL EDUCATION COURSES	Credit	Res	Tr	Notes
MAT 126 Technical Algebra and Trigonometry <i>OR</i> MAT 150 College Algebra <i>OR</i> higher level math	3 (3)			
PHY 151 Introductory Physics I <i>OR</i> Other science with consent of program coordinator	3 (3)			
ENG 101 Writing I	3			
Social and Behavioral Sciences	3			
Oral Communications	3			
Heritage/Humanities	3			
<b>GENERAL EDUCATION SUBTOTAL:</b>	<b>18</b>			

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. <b>Recommended first semester</b>
ELT 114 Circuits II	5			<b>Recommended first semester</b> 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
Digital Literacy	3			If CAD 103 was taken above, then choose additional elective course
ELT 289 Engineering and Electronics Technology Capstone Course	1			
<b>TECHNICAL CORE SUBTOTAL:</b>	<b>24-25</b>			

COMPUTER MAINTENANCE SPECIALIZATION	Credit	Res	Tr	Notes
CIT 111 Computer Hardware and Software <i>OR</i> ELT 232 Computer Software Maintenance <i>AND</i> ELT 234 Computer Hardware Maintenance	4 (3) (3)			Prereq: Digital literacy course, placement in MAT 85 or 126 or instructor consent

ELT 220 Digital II	3			Prereq: ELT 120 with a grade of C or better or instructor consent
CIT 160 Data Communications and Networking <b>OR</b> CIT 161 Networking Fundamentals	4 (4)			Prereq: CIT 111 or instructor consent
Technical Electives*	7			
<b>SPECIALIZATION COURSES SUBTOTAL:</b>	<b>18-20</b>			
<b>PROGRAM TOTAL:</b>	<b>60-64</b>			

\*Technical Electives: Any EET, ELT, IMT, CIT, 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).

For a list of KCTC general education classes in each category, go to [https://kctcs.edu/degrees\\_training/catalog/2018-2019-KCTCS-Catalog.pdf](https://kctcs.edu/degrees_training/catalog/2018-2019-KCTCS-Catalog.pdf) pp. 76-80.  
Or [www.kctcs.edu](http://www.kctcs.edu)> degrees & training> 2018-19 catalog> pp. 76-80.

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