



Electrical & Computer Engineering Technology eMap

Student Name: _____

ID# _____

Start Here: Program of Study: Diploma or Degree

Complete any Learning Support courses. Then,

1st set of suggested courses

	Credits	Completed
ENGT 1000 – Introduction to Engineering Technology	3	<input type="checkbox"/>
MATH 1111 – College Algebra (Pre-req of ECET 1101)	3	<input type="checkbox"/>
ENGL 1101 – Composition & Rhetoric	3	<input type="checkbox"/>
ECET 1191 - Computer Programming Fundamentals	3	<input type="checkbox"/>

2nd set of suggested courses

	Credits	Completed
ECET 1101 – Circuit Analysis I (Pre-req of ECET 2101)	4	<input type="checkbox"/>
ECET 1110 – Digital Systems I (Pre-req of ECET 2110)	4	<input type="checkbox"/>
MATH 1113 – Pre-Calculus (Pre-req of PHSY 1111)	3	<input type="checkbox"/>
CORE Area class	3	<input type="checkbox"/>
✓ <i>Computer Engineering Technology (CET) Basics TCC</i>		

3rd set of suggested courses

	Credits	Completed
ECET 2101 – Circuit Analysis II (Co-req of ECE 2120; Pre-req of BMET 1231)	4	<input type="checkbox"/>
ECET 2110 – Digital Systems II (Pre-req of ENGT 2300)	4	<input type="checkbox"/>
PHYS 1111 – Physics I	3	<input type="checkbox"/>

PHYS 1111 – Physics I Lab	1	<input type="checkbox"/>
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4th set of suggested courses

	Credits	Completed
<u>Choose a specialization: Electronics or Biomedical</u>		
ECET 2120 – Electronic Circuits I (Pre-req of ENGT 2300)	4	<input type="checkbox"/>
CIST 1401 – Networking Fundamentals	4	<input type="checkbox"/>
Technical Elective (<i>Electronics Specialization</i>)	4/3	<input type="checkbox"/>
CORE Area class (<i>Electronics Specialization</i>)	4/3	<input type="checkbox"/>
BMET 1231 – Medical Equipment Function and Operation I (<i>Biomed Specialization</i>) (Fall only)	4	<input type="checkbox"/>
ALHS 1011 (<i>Biomed Specialization</i>)	5	<input type="checkbox"/>
<i>** Petition for an ECET Associate of Applied Science Degree **</i>		

5th set of suggested courses

	Credits	Completed
ECET 2220 – Electronic Circuits II (<i>Electronics Specialization</i>)	4	<input type="checkbox"/>
Technical Elective (<i>Electronics Specialization</i>)	4/3	<input type="checkbox"/>
BMET 2242 - Medical Equipment Function and Operation II (<i>Biomed Specialization</i>) (spring only)	4	<input type="checkbox"/>
BMET 2343 – Biomedical Internship (<i>Biomed Specialization</i>) (spring only)	3	<input type="checkbox"/>
CORE Area class (<i>Biomed Specialization</i>)	3	<input type="checkbox"/>
ENGT 2300 – Capstone Project (fall & spring)	1	<input type="checkbox"/>



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✓ *Associate of Applied Science degree in Electrical & Computer Engineering Technology*

Electronics Specialization Elective Courses

Choose two classes of the following:	Credits	Completed
BMET 1231 – Medical Equipment I (Pre-req ECET 2101) (Fall only)	4	<input type="checkbox"/>
CHEM 1211/1211L – Chemistry I (Pre-req MATH 1111; Co-req ENGL 1101)	4	<input type="checkbox"/>
CIST 1510 – Web Development	3	<input type="checkbox"/>
DFTG 2010 – Engineering Graphics (Fall only)	4	<input type="checkbox"/>
DFTG 2020 – Visualization Graphics (Solid Works) (summer only)	3	<input type="checkbox"/>
ELTR 1180 – Electrical Controls (Spring only)	4	<input type="checkbox"/>
ENGT 2500 – Engineering Internship	3	<input type="checkbox"/>
IDSY 1110 – Motor Controls (Pre-req ECET 2101) (Fall only)	4	<input type="checkbox"/>
IDSY 1120 – Basic Industrial PLCs (Pre-req IDSY 1110) (Fall only)	4	<input type="checkbox"/>
Math 1131 – Calculus I (Pre-req MATH 1111)	4	<input type="checkbox"/>
Math 1132 – Calculus II (Pre-req MATH 1131)	4	<input type="checkbox"/>

PHYS 1112/1112L Physics II (Pre-req PHYS 1111; PHYS 1111L)	4	<input type="checkbox"/>
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Social/Behavioral Science Offerings

ECON 110 -Principles of Economics; ECON 2105 -Macroeconomics; ECON 2106 -Microeconomics;	
HIST 1111 -World History I; HIST 1112 -World History II; HIST 2111 -US History I; HIST 2112 -US History II;	
POLS 1101 -American Government; POLS 2401 -Global Issues; PSYC 1101 -Introductory	
SOCI 1101 -Introduction to Sociology; SOCI 2600 -Introduction to Social Problems;	

Humanities/Fine Arts Offerings

ARTS 1101 -Art Appreciation; ENGL 2110 -World Literature;	
ENGL 2130 -American Literature; ENGL 2310 -English Literature from the Beginnings to 1700;	
HUMN 1101 -Introduction to Humanities;	
MUSC 1101 -Music Appreciation; THEA 1101 -Theater Appreciation	

**This emap along with meeting with your program advisor will help you graduate from Chattahoochee Technical College as quickly as possible.*