



# Knox Community College

## Programme Offering Course Map

Programme	Associate Degree in Engineering Full Time (Cobbla) - Sep 09, 2024
Start Date	September 9, 2024
End Date	August 31, 2026
Courses	23
Credits	-63 theory credit(s) and 13 lab credit(s)
Credit Hours	0 hours: 0 hour(s) for theory and 0 hour(s) for labs
Description	

Code	Course Name	Credits	Lab Credits	CW/Exam	Year	Semester
COMM1101	Communication I	3	0	100/0	Year 1	Semester 1
ITEC1104	Fundamentals of Information Technology	3	0	60/40	Year 1	Semester 1
ENGS1101	Introduction to Engineering	2	0	100/0	Year 1	Semester 1
PHYS1103	Introduction to Engineering Physics	4	1	50/50	Year 1	Semester 1
MATH1106	Mathematics I - Algebra	4	1	40/60	Year 1	Semester 1
MECH1209	Mechanical Workshop I	2	0	100/0	Year 1	Semester 1
COMM1202	Communication II	3	0	40/60	Year 1	Semester 2
ELEC2301	Electrical Workshop	3	1	50/50	Year 1	Semester 2
MATH1207	Mathematics II - Pre-Calculus	4	1	40/60	Year 1	Semester 2
ENGS1202	Mechanical Engineering Science	3	1	50/50	Year 1	Semester 2
PHYS1201	Physics II	4	1	50/50	Year 1	Semester 2
ENGS2302	Computers in Engineering	3	1	50/50	Year 2	Semester 1
MATH2303	Engineering Mathematics I - Calculus	3	0	40/60	Year 2	Semester 1
ENGS2303	Engineering Physics I	4	1	40/60	Year 2	Semester 1
COMM2301	Oral Communication	3	0	100/0	Year 2	Semester 1
ELNA12202	Electrical Network Analysis	4	0	50/50	Year 2	Semester 2
ENGS2401	Engineering Graphics	3	1	100/0	Year 2	Semester 2
MATH2403	Engineering Mathematics II - Calculus 2	3	0	40/60	Year 2	Semester 2
ENGS2402	Engineering Mechanics (Statics)	4	1	50/50	Year 2	Semester 2
WOEP1101	Field Experience/Practicum/Internship	3	0	100/0	Year 2	Semester 2
ELEC2409	Introduction to Electronic Devices and Circuits	3	1	40/60	Year 2	Semester 2
ENGS1201	Materials in Engineering	3	1	50/50	Year 2	Semester 2
MECH2401	Mechanical Workshop II	3	1	50/50	Year 2	Semester 2

### Core Courses Prerequisite(s)

Course	Prerequisite Course
COMM1202 - Communication II	COMM1101 - Communication I
ENGS2302 - Computers in Engineering	ITEC1104 - Fundamentals of Information Technology
ELNA12202 - Electrical Network Analysis	PHYS1103 - Introduction to Engineering Physics
MATH2303 - Engineering Mathematics I - Calculus	MATH1207 - Mathematics II - Pre-Calculus
MATH2403 - Engineering Mathematics II - Calculus 2	MATH2303 - Engineering Mathematics I - Calculus
ENGS2402 - Engineering Mechanics (Statics)	PHYS1103 - Introduction to Engineering Physics
ENGS2303 - Engineering Physics I	PHYS1103 - Introduction to Engineering Physics
ENGS1201 - Materials in Engineering	ITEC1104 - Fundamentals of Information Technology
MATH1207 - Mathematics II - Pre-Calculus	MATH1106 - Mathematics I - Algebra
MECH2401 - Mechanical Workshop II	MECH1209 - Mechanical Workshop I

COMM2301 - Oral Communication  
COMM2301 - Oral Communication

COMM1101 - Communication I  
COMM1202 - Communication II