

Program: EUT.AAS Electric Utility Technology AAS (63 credits)	Division: STEM
Student:	ID#:
	Catalog Year: 2022-23

Developmental Education Courses (if required)								
<input type="checkbox"/>	EAP-018	Intensive Academic English	<input type="checkbox"/>	MAT-020	Basics of College Math	<input type="checkbox"/>	COM-017/019	Foundational Reading/Writing
<input type="checkbox"/>	EAP-020/040	EAP Reading I and Writing I	<input type="checkbox"/>	MAT-03_		<input type="checkbox"/>	COM-097	Academic Literacy I
<input type="checkbox"/>	EAP-050/060	EAP Writing II and Reading II				<input type="checkbox"/>	COM-098	Academic Literacy II

SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion. Plans may be modified by adding more semesters.

FALL SEMESTER I – (16 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	CSS-103*	College Success Strategies	3		All & OL
	MAT-110	Intermediate Algebra	3	MAT-035 (Algebra I with Quadratics) with grade of "C" or higher, or appropriate placement test score; COM-098 or EAP-050 and EAP-060	All & OL
	EUT-110	Electrical Systems & Wiring	4	MAT-110 and EUT 100 OR EUT 101	Fall
	EUT-100 or EUT-101	Electric Utility Technology I	6		Fall

SPRING SEMESTER 1 – (16 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	COM-121*	English Composition I	3	COM-098 or EAP-050 and EAP-060 (C or better)	All & OL
	IFT-110*	Microcomputer Applications	3	COM-098-or EAP-050 and EAP-060	All & OL
	PHY-240	Physics I	4	COM-098 or EAP-050 and EAP-060 or placement by assessment. MAT-160 or MAT-110 & EUT-110	Fall/Spring
	EUT-120 or EUT-121	Electricity Utility Technology II	6	EUT-100 if taking EUT-120 EUT-101 if taking EUT-121	Spring

FALL SEMESTER 2 – (16 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	COM-141	Technical Writing	3	COM-121 or COM-122 (C or better)	All & OL
	PSY-120	Interpersonal Relations & Communications	3	COM-097 or EAP-040 and EAP-020 (C or better)	All & OL
	EUT-130	Transformers, Power Generation & Distribution	4	EUT-110	Fall
	EUT-200 or EUT-201	Electric Utility Technology III	6	EUT-120 if taking EUT-200 EUT-121 if taking EUT-201	Fall

SPRING SEMESTER 2 – (15 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	PHI-275*	Ethics	3	COM-121 or COM-122	All
	ENV-130*	The Environment	3	COM-098 (Academic Literacy II) or EAP-050 and EAP-060, or appropriate placement test score.	All & OL
	SOC-130*	Sociology	3	COM-098 or EAP-050 and EAP 060 (C or better)	All & OL
	EUT-220 or EUT-221	Electric Utility Technology IV	6	EUT-200 if taking EUT-220 EUT-201 if taking EUT-221	Spring

*Sections of these courses offered in the Honors Program, check <https://www.racc.edu/academics/honors-program> for details. **Online (OL)** may not be offered every semester. Please check the schedule.

Date created: September 2019	Updated: July 2022	All = Fall/Spring/Summer OL = Online
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Line Worker Track

Major Courses (MAJ): Line Worker Track				
Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
EUT-100	Electric Utility Technology I - Line	6		Fall
EUT-110	Electrical Systems & Control Wiring	4	MAT-110 and EUT 100 OR EUT 101	Fall
EUT-120	Electric Utility Technology II -Line	6	EUT-100	Spring
EUT-130	Transformers, Power Generation & Distribution	4	EUT-110	Fall
EUT-200	Electric Utility Technology III - Line	6	EUT-120	Fall
EUT-220	Electric Utility Technology IV - Line	6	EUT-200	Spring

Substation Worker Track

Major Courses (MAJ): Substation Worker Track				
Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
EUT-101	Electric Utility Technology I - Substation	6		Fall
EUT-110	Electrical Systems & Control Wiring	4	MAT-110 and EUT 100 OR EUT 101	Fall
EUT-121	Electric Utility Technology II -Substation	6	EUT-101	Spring
EUT-130	Transformers, Power Generation & Distribution	4	EUT-110	Fall
EUT-201	Electric Utility Technology III Substation	6	EUT-121	Fall
EUT-221	Electric Utility Technology IV-Substation	6	EUT-201	Spring

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