

Tidewater Community College
Electrical Engineering
2019-2020

The Apprentice School
Electrical Engineering Program Requirements
2019-2020

Old Dominion University
BS Electrical Engineering
2019-2020

Course Title	Credit	NNAS Program	ODU Course Equivalents	Credit
Substitution I	3	E111 (CC)	ENGL 110C	3
Substitution II	3	C232 (NNAS) (Course Substitution)	ENGL 231C	3
Active	3	Humanities Elective (CC)	Liberal Arts Course	3
Elective	3	Humanities Elective (CC)	Liberal Arts Course	3
Science / TCC:	3	Social Science Elective CC	Liberal Arts Course or Human Behavior	3
	4	Social Science Elective TNCC or Histo Elective	Liberal Arts Course or Human Behavior	3
	4	M263 CC	MATH 211	4
	4	M264 CC	MATH 212	4
	4	C221 (CC)	HEM 121N/CHEM 122N	4
	4	C222 (CC)	HEM 123N/CHEM 124N	4
Engineering and Tech.	1	SDV 101 CC	UNIV 100	1
Education Course Credits	35		Total General Education Course Credits	35

Course Title	Credit	NNAS Program	ODU Course Equivalents	Credit
Electronics I	4	P241 (CC)	HY 231N	4
Electronics II	4	P242(CC)	HY 232N	4
Electronics III	4	M265 CC	MATH 285 (312 transfer equivalent)	4
Electronics IV	3	M267 CC	MATH 280 (307 transfer equivalent)	3
Engineering Mathematics (C++)	3	EGR 110/E110 CC	CE 111 (Substitution)	3
Engineering Mathematics (C++)	2	EGR 120/E120 CC	VGN 110	2
Engineering Mathematics (C++)	4	E125(TCC)/ E126(TNCC)	AS 150 (ENGN 150 equivalent)	4
Electronics I	3	EGR 260/E260 (CC)	CE 201	3
Electronics II	2	EGR 262/E262 (CC)	CE 287	2
Electronics III	4	EGR 270/E270 (CC)	ECE 241	4
Electronics IV	3	EGR 140/E140 (TNCC requirement only)	MAE 204 (Nonmajor Engineering Elective)	3
Other Course Credits	36		Total Major and Other Course Credits	36

Course Title	Credit	NNAS Program	ODU Course Equivalents	Credit
Public Speaking	3	M161 CC	MTH 162M	3
Writing	3	M162 CC	ETH 163	3
Mathematics	3	C243 (NNAS)	JMM 101R	3
Electronics	3	E261 CC	CE 202	3

Electrical Engineering at ODU
 Tidewater Community College AS satisfies all lower-level General Education requirements.

units to be completed at GDC


ECE	302	Linear Systems	3
ECE	302	Introduction to Electrical Design	3

Note: The lower-division general education

ECE	212	Electronic Circuits	4
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Signature

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Date

Dr. Brian Payne
Vice Provost, Academic Programs
 University of Northern Iowa