

Bachelor of Science in Electrical Engineering (Post- Baccalaureate)

OIT Bachelor of Science in Electronics Engineering Technology graduates may complete 37 additional credits to receive a Bachelor of Science in Electrical Engineering (post-baccalaureate). Students who have completed an ABET accredited bachelor's in Electronics Engineering Technology from another institution must complete a minimum of 45 OIT credits to receive the BS in Electrical Engineering from OIT.

Mathematics and Science

MATH 253N	Series and Sequences	4
MATH 341	Linear Algebra I	3
MATH 465	Mathematical Statistics	4

CHE 201	General Chemistry	3
CHE 204	General Chemistry Laboratory	1

Required Electrical Engineering

EE 341	Electricity and Magnetism with Transmission Lines	...
		4
EE 343	Solid-State Electronic Devices	3
EE 431	Digital Signal Processing	3

Mathematics or Engineering Technical Elective

Technical elective (MATH, EE, REE)	3
------------------------------------	---

Engineering Technical Electives

Technical elective (EE, REE)*	3
Technical elective (EE, REE)*	3
Technical elective (EE, REE)*	3

Total if prior BSEET degree awarded by OIT 37

Additional credits needed for students who completed a BSEET degree from another institution:

Technical elective (EE, REE)*	4
Technical elective (EE, REE)*	4

Total 45

* Advisor approval required. Approved technical electives can be EE (Electrical Engineering) or REE (Renewable Energy Engineering) courses for students wanting a BSEE degree with an emphasis in Energy Engineering.