

# MINOR IN ELECTRICAL AND COMPUTER ENGINEERING

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For students with little or no background:

COURSE	TITLE	S.H.
ECEN 1521 & 1521L	Digital Circuits and Digital Circuits Laboratory	4
ECEN 2632	Basic Circuit Theory 1	3
ECEN 2611	Instrumentation and Computation Lab 1	1
ECEN 2633	Basic Circuit Theory 2	3
ECEN 2612	Instrumentation and Computation Lab 2	1
ECEN 3733	Digital Circuit Design	3
ECEN 3771	Digital and Analog Circuits 1	3
ECEN 3711	Intermediate Laboratory 1	1
<b>Total Semester Hours</b>		<b>19</b>

For students with background in math or computer science:

COURSE	TITLE	S.H.
ECEN 1521L	Digital Circuits Laboratory	1
ECEN 2632	Basic Circuit Theory 1	3
ECEN 2611	Instrumentation and Computation Lab 1	1
ECEN 2633	Basic Circuit Theory 2	3
ECEN 2612	Instrumentation and Computation Lab 2	1
ECEN 3733	Digital Circuit Design	3
ECEN 3734	Computer Design	3
ECEN 3771	Digital and Analog Circuits 1	3
ECEN 3711	Intermediate Laboratory 1	1
<b>Total Semester Hours</b>		<b>19</b>

For students with background in physics:

COURSE	TITLE	S.H.
ECEN 1521 & 1521L	Digital Circuits and Digital Circuits Laboratory	4
ECEN 3710	Signals and Systems	3
ECEN 3733	Digital Circuit Design	3
ECEN 3771	Digital and Analog Circuits 1	3
ECEN 3772	Digital and Analog Circuits 2	3
ECEN 4803 & 4803L	Linear Control Systems and Linear Control Systems Laboratory	4
<b>Total Semester Hours</b>		<b>20</b>