Stanly Community College
http://www.stanly.edu

Electronics Engineering Technology (Associate in Applied Science) Check List and Course Sequence

Checklist

English and mathematics courses may require prep courses (those courses numbered below 100) dependent on placement test scores. It may, therefore, require more than two years to complete the associate degree requirements. MAT 171 and MAT 172 should be taken by students desiring to transfer to a four-year institution. Curriculum requirements subject to change. Please see your advisor for complete details.

Course Sequence

	Course Title	Course Category	Hours Per Week			
Fall Semester (first year)			*Class*	*Lab*	*Exp*	*Credit Hours*
ACA-111	College Student Success	General	1	0	0	1
CIS-110	Introduction to Computers	Major	2	2	0	3
DFT-151	CAD I	Major	2	3	0	3
ELC-131	Circuit Analysis I	Major	3	3	0	4
ELC-131A	Circuit Analysis I Lab	Major	0	3	0	1
	Humanities Elective	General	0	0	0	3
Spring Semester (first year)			*Class*	*Lab*	*Exp*	*Credit Hours*
ELN-131	Semiconductor Applications	Major	3	3	0	4
ELN-133	Digital Electronics	Major	3	3	0	4
ENG-111	Writing and Inquiry	General	3	0	0	3
MAT-171	Precalculus Algebra	General	3	2	0	4
Summer Semester (first year)			*Class*	*Lab*	*Exp*	*Credit Hours*
ISC-112	Industrial Safety	Major	2	0	0	2
MEC-130	Mechanisms	Major	2	2	0	3
	Social Science Elective	General	3	0	0	3

Fall Semester (second year)			*Class*	*Lab*	*Exp*	*Credit Hours*
ELN-132	Analog Electronics II	Major	3	3	0	4
ELN-260	Prog Logic Controllers	Major	3	3	0	4
HYD-110	Hydraulics/Pneumatics I	Major	2	3	0	3
ENG-112	Writing/Research in the Disc	General	3	0	0	3
	or					
ENG-114	Professional Research & Reporting	General	3	0	0	3

Spring Semester (second year)			*Class*	*Lab*	*Exp*	*Credit Hours*
ATR-214	Advanced PLCs	Major	3	3	0	4
CTS-120	Hardware/Software Support	Major	2	3	0	3
ELC-117	Motors and Controls	Major	2	6	0	4
ELN-234	Communication Systems	Major	3	3	0	4