

Computer Engineering Degree Plans: ENGR 211/212 Substitutions and Engineering Technical Electives

The courses ENGR 211 and ENGR 212 are no longer being offered. The two courses are still required for Computer Engineers (both tracks) in all catalogs through 128. In catalog 129, the requirement has been changed to 6 hours of *Engineering* Technical Electives. This is in addition to the 10 hours of *Computer Engineering* Technical Electives and 3 hours of *General* Elective already on the degree plan.

Until further notice, the courses below may be used as substitutes for ENGR 211 and ENGR 212, or to fulfill the *Engineering* technical elective requirement in catalog 129:

<i>Course</i>	<i>Name</i>	<i>Prerequisites</i>
AERO 320	Numerical Methods	MATH 308 or registration therein
BIOL 113	Introductory Biology	None
BMEN 241	Foundations of Biomechanics	Math 308 or registration therein
BMEN 489	Special Topics	BMEN 241 or ENGR 211
CPSC 310	Database Systems	CPSC 211, upper level
MATH 414	Fourier Series and Wavelets	MATH 222 or 304 or 311
MATH 470	Comm and Cryptography	MATH 222 or 302 and CPSC 110*
MEEN 221	Statics and Particle Dynamics	MATH 308 or registration therein
MEEN 227	Principles of Thermodynamics	MEEN 221
PHYS 221	Optics and Thermal Physics	PHYS 208 and MATH 152

* *The MATH 470 prerequisite of CPSC 110 can be satisfied using any equivalent course, i.e., any computer programming course.*

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