



Engineering, Civil Checklist

Major Code: 1713E - Associate of Engineering

CHEM 111	Principles of Chemistry 1 (5 cr)	<i>Prereq: 1 year of HS Chem or CHEM 101 Coreq: MATH 143 or MATH 147</i>
CHEM 112	Principles of Chemistry 2 (5 cr)	<i>Prereq: CHEM 111, MATH 147, or MATH 143</i>
COMS 224 or COMS 229	Intro to Programming PASCAL (3 cr) or Intro to Programming C++	<i>Prereq: COMS 224, COMS 228, INFT 248 or permission</i>
ENGI 105	CAD Engineering Graphics (2 cr)	
ENGI 120	Introduction to Engineering (2 cr)	<i>Corequisite: MATH 147 or permission</i>
ENGI 210	Mechanics (Statics) (3 cr)	<i>Prerequisites: MATH 170 & PHYS 211</i>
ENGI 220	Mechanics (Dynamics) (3 cr)	<i>Prerequisite: ENGI 210 or equivalent</i>
ENGI 240	Electrical Circuits (4 cr)	<i>Corequisite: MATH 310</i>
ENGI 241	Engineering Measurements (4 cr)	<i>Prerequisite: MATH 108 or MATH 123</i>
ENGL 101	English Composition 1 (3 cr)	<i>Prerequisite: ENGL 090 or placement</i>
ENGL 102	English Composition 2 (3 cr)	<i>Prerequisite: ENGL 101 or placement</i>
GEOL 101	Physical Geology (4 cr)	
MATH 170	Calculus 1 (5 cr)	<i>Prerequisite: C in MATH 147 or permission</i>
MATH 175	Calculus 2 (4 cr)	<i>Prerequisite: C in MATH 170 or permission</i>
MATH 275	Calculus 3 (4 cr)	<i>Prerequisite: C in MATH 175 or permission</i>
MATH 310	Ordinary Differential Equations (3 cr)	<i>Prerequisite: C in MATH 175 or permission</i>
PHYS 211	Physics for Scientists & Engrs 1 (5 cr)	<i>Corequisite: MATH 170</i>
PHYS 212	Physics for Scientists & Engrs 2 (5 cr)	<i>Prereq: PHYS 211 Corequisite: MATH 175</i>

Select 0-3 credits from the following:

HUMA	Any Gen Ed Humanities Course (3 cr)	
CISA 101	Computer Literacy Skill Develop (3 cr)	
SOCS	Any Gen Ed Social Science Course (3 cr)	

Have you completed the **computer literacy** requirement?

More information at <http://computerliteracy.csi.edu/>

Total credit hours required for this major: 67

For more information, contact Bill Eberlein
Office: Shields 206C Phone: (208)732-6829 or e-mail: eberlein@csi.edu

Visit <https://mycsi.csi.edu> to apply for admission and register for classes.

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