

Curriculum Prerequisite Summary for BS in Computer Engineering
Computer Engineering Department, San Jose State University

Disclaimer: For official and up to date curriculum details consult the Computer Engineering Department at www.cmpe.sjsu.edu, cmpe@email.sjsu.edu, Engr Rm 284, (408) 924-4150.

This list was compiled by Raquel Espinoza for ABET auditing records and is based on course information gathered from AVP approved curriculum change forms submitted by the Computer Engineering Department and the SJSU printed catalog of courses for the following years: 1995-1998, 1998-2000 2000-2002, 2002-2004 & 2004-2006. Subsequent semesters' curriculum updates will be documented as they are approved.

The subsequent tables are a mapping of the prerequisites for the **required courses only** in the BS degree in Computer Engineering. The prerequisite mapping is listed by semester starting from Fall 1995 through Spring 2005. **THIS LIST MUST BE UPDATED FOR EACH SEMESTER OR WHEN PERTINENT CURRICULUM CHANGES TO THE DEGREE HAVE BEEN APPROVED.**

Updated to Spring 2009 by Michael Robinson.

Grade requirements for prerequisites are indicated by asterisks. One asterisk (*) indicates a grade requirement of C or better and two asterisk (**) indicates a grade requirement of C- or better. Grade requirements for graduation are listed as (†) indicates a grade requirement of C or better must be achieved in order to graduate and two crosses (††) indicates a grade requirement of C- or better must be achieved in order to graduate. The Co index such as (CmpE 125)^{Co} indicates the course is a corequisite. In some cases a course may be a prerequisite or corequisite. Alternates to required courses are indicated in brackets such as [MatE 153] which is an alternate for ME 109. The following are abbreviation: HS (High School), WST (Writing Skills Test) & ELM (Entry Level Math exam).

COURSE THAT ARE HIGHLIGHTED INDICATE A CURRICULUM CHANGES OCCURRED AND IS EFFECTIVE IN THAT SEMESTER. DETAILS OF THE CHANGE ARE LISTED AT END OF THIS DOCUMENT AND CATEGORIZED AS FOLLOWS:

- Yellow indicates a prerequisite change with a change form on file for reference.
- Blue indicates a prerequisite change based on printed catalog, no form on file.

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- Pink indicates a new/replaced required course or other curriculum requirement with a change form on file for reference.

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Fall 1995 – Spring 1998 (Required Courses Only)	
	Prerequisites
CmpE 46	Math 30, Engr 10
CE 99	Math 21 or Math 31, Phys 61
Engr 20	Engr 10
EE 98	Math 31, Phys 62
ME 108	Math 31
MatE 25	Chem 11A, Phys 61, Math 31
CmpE 124	EE 98, (Engr 100W) ^{Co or Pre}
CmpE 125	CmpE 124*
CmpE 126	CmpE 046*, (Engr 100W*) ^{Co or Pre} , (CmpE 124*) ^{Co or Pre}
CmpE 127	CmpE 125*
CmpE 130	CmpE 126*
CmpE 140	CmpE 127*,
CmpE 142	CmpE 127, CmpE 130
CmpE 152	CmpE 130
CmpE 195A	Senior Standing
CmpE 195B	CmpE 195A
EE 110	EE 98*
EE 122	EE 101*, EE 110*, EE 118*, EE 140*
Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 150	CmpE 142
ISE 130	Math 32
Math 129A	Math 21** or Math 31**
Math 30	Math 29** or Calculus Placement Exam, ELM
Math 31	Math 20** or Math 30**
Math 32	Math 21** or Math 31**
Math 133A	Math 32**
Phys 61	Phys Placement Exam, Math 20 or Math 30
Phys 62	Phys 61, Math 21 or Math 31
Chem 11A	HS Chem, Chem Placement Exam

*With grade of C or better, **With grade of C- or better, Co – corequisite, HS – High School

Curriculum Prerequisite Summary for BS in Computer Engineering
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Fall 1998 – Spring 2000 (Required Courses Only)	
	Prerequisites
CmpE 46	Math 30, Engr 10
Engr 20	Engr 10
Engr 10	None
EE 98	Math 32 or Math 22, Phys 62
ME 109 or	Phys 62, Math 133A, EE 98
[MatE 153]	MatE 25 or Phys 63, Chem 11A, Math 133A
CmpE 124	EE 98
CmpE 125	CmpE 124*
CmpE 126	CmpE 046*
CmpE 127	CmpE 125*
CmpE 130	CmpE 126*
CmpE 140	CmpE 127*, Engr 100W
CmpE 142	CmpE 127, CmpE 130, Engr 100W
CmpE 152	CmpE 130, Engr 100W
Engr 195A	Engr 100W, Major Form
Engr 195B	CmpE 195A*
EE 110	EE 98*, Math 133A
EE 122	EE 97*, EE 110*, EE 188*, EE 140*, MatE 153
Engr 100W	Complete GE Core, WST, Upper Division Standing
ISE 165	Math 32, Engr 30, Engr 100W
ISE 130	Math 32
Math 129A	Math 21** or Math 31**
Math 30	Calculus Placement Exam, ELM
Math 31	Math 30**
Math 32	Math 31**
Math 133A	Math 22** or Math 32**
Phys 61	Phys Placement Exam, Math 20 or Math 30
Phys 62	Phys 61, Math 21 or Math 31
Chem 11A or	HS Chem, Chem Placement Exam
[Chem 1A]	HS Chem or Chem 10, 2 yrs HS algebra, Math 6D or Math 6L, Chem Placement Exam

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Computer Engineering Department, San Jose State University

Catalog 2000 – 2002 (Required Courses Only)			
Fall 2000	Prerequisites	Spring 2001	Prerequisites
CmpE 46	Math 30, Engr 10	CmpE 46	Math 30, Engr 10
Engr 20	Engr 10	Engr 20	Engr 10
Engr 10	None	Engr 10	None
EE 98	Phys 71 or 52, (Math 133A) ^{Co}	EE 98	Phys 71 or 52, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 11A, EE 98, Math 133A, (Engr 100W) ^{Co}	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 11A, EE 98, Math 133A, (Engr 100W) ^{Co}
CmpE 124	EE 98, EE 101	CmpE 124	EE 98, EE 101
CmpE 125	CmpE 124*	CmpE 125	CmpE 124*
CmpE 126	CmpE 046*	CmpE 126	CmpE 046*
CmpE 127	(CmpE 125*) ^{Co or Pre}	CmpE 127	(CmpE 125*) ^{Co or Pre}
CmpE 130	CmpE 126*	CmpE 130	CmpE 126*
CmpE 140	CmpE 127*, Engr 100W, Major Form	CmpE 140	CmpE 127*, Engr 100W, Major Form
CmpE 142	CmpE 124*, CmpE 126*	CmpE 142	CmpE 124*, CmpE 126*
CmpE 152	CmpE 124*, CmpE 126*	CmpE 152	CmpE 124*, CmpE 126*
CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing	CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing
CmpE 195B	CmpE 195A*	CmpE 195B	CmpE 195A*
EE 101	EE 98*	EE 101	EE 98*
EE 110	EE 98*, Math 133A, EE 101, Engl 1A	EE 110	EE 98*, Math 133A, EE 101, Engl 1A
EE 122	EE 110*	EE 122	EE 110*
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
Engr 125	CmpE 046	Engr 125	CmpE 046
ISE 130	Math 32	ISE 130	Math 32
Math 129A	Math 31** or consent	Math 129A	Math 31** or consent
Math 30	Calculus Placement Exam, ELM	Math 30	Calculus Placement Exam, ELM
Math 31	Math 30** or Math 30P**	Math 31	Math 30** or Math 30P**
Math 32	Math 31**	Math 32	Math 31**
Math 133A	Math 32**	Math 133A	Math 32**
Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30** or Math 30P**	Phys 71	Phys 70**, Math 30** or Math 30P**
Chem 11A or [Chem 1A]	HS Chem, Chem Placement Exam HS Chem or Chem 10, 2 yrs HS algebra, Math 6D or Math 6L, Chem Placement Exam	Chem 11A or [Chem 1A]	HS Chem, Chem Placement Exam HS Chem or Chem 10, 2 yrs HS algebra, Math 6D or Math 6L, Chem Placement Exam

*With grade of C or better, **With grade of C- or better, Co – corequisite, HS – High School

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Catalog 2000 – 2002 (Required Courses Only)			
Fall 2001	Prerequisites	Spring 2002	Prerequisites
CmpE 46	Math 30	CmpE 46	Math 30
Engr 20	Engr 10	Engr 20	Engr 10
Engr 10	None	Engr 10	None
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 52, (Math 133A) ^{Co}	EE 98	Phys 71 or 52, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 11A, EE 98, Math 133A, (Engr 100W) ^{Co}	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 11A, EE 98, Math 133A, (Engr 100W) ^{Co}
CmpE 101	CmpE 046*	CmpE 101	CmpE 046*
CmpE 124	EE 98, EE 101	CmpE 124	EE 98, EE 101
CmpE 125	CmpE 124*	CmpE 125	CmpE 124*
CmpE 126	CmpE 046*	CmpE 126	CmpE 046*
CmpE 127	(CmpE 125*) ^{Co or Pre}	CmpE 127	(CmpE 125*) ^{Co or Pre}
CmpE 130	CmpE 126*	CmpE 130	CmpE 126*
CmpE 140	CmpE 127*, Engr 100W, Major Form	CmpE 140	CmpE 127*, Engr 100W, Major Form
CmpE 142	CmpE 124*, CmpE 126*	CmpE 142	CmpE 124*, CmpE 126*
CmpE 152	CmpE 124*, CmpE 126*	CmpE 152	CmpE 124*, CmpE 126*
CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing	CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing
CmpE 195B	CmpE 195A*	CmpE 195B	CmpE 195A*
EE 101	EE 98*	EE 101	EE 98*
EE 110	EE 98*, Math 133A, EE 101, Engl 1A	EE 110	EE 98*, Math 133A, EE 101, Engl 1A
EE 122	EE 110*	EE 122	EE 110*
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
Engr 125	CmpE 046	Engr 125	CmpE 046
ISE 130	Math 32	ISE 130	Math 32
Math 129A	Math 31** or consent	Math 129A	Math 31** or consent
Math 30	Calculus Placement Exam, ELM	Math 30	Calculus Placement Exam, ELM
Math 31	Math 30** or Math 30P**	Math 31	Math 30** or Math 30P**
Math 32	Math 31**	Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
Math 133A	Math 32**	Math 133A	Math 32**
Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30** or Math 30P**	Phys 71	Phys 70**, Math 30** or Math 30P**
Chem 11A or [Chem 1A]	HS Chem, Chem Placement Exam HS Chem or Chem 10, 2 yrs HS algebra, Math 6D or Math 6L, Chem Placement Exam	Chem 11A or [Chem 1A]	HS Chem, Chem Placement Exam HS Chem or Chem 10, 2 yrs HS algebra, Math 6D or Math 6L, Chem Placement Exam

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Catalog 2002 – 2004 (Required Courses Only)			
Fall 2002	Prerequisites	Spring 2003	Prerequisites
CmpE 46	Math 30	CmpE 46	Math 30
ME 20	None	ME 20	None
Engr 10	None	Engr 10	None
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 52, (Math 133A) ^{Co}	EE 98	Phys 71 or 52, (Math 133A) ^{Co}
ME 109 or	Phys 71, Math 133A, EE 98	ME 109 or	Phys 71, Math 133A, EE 98
[MatE 153]	Phys 71, Chem 1A, EE 98, Math 133A	[MatE 153]	Phys 71, Chem 1A, EE 98, Math 133A
CmpE 101	CmpE 046*	CmpE 101	CmpE 046*
CmpE 124	EE 98, EE 101	CmpE 124	EE 98, EE 101
CmpE 125	CmpE 124*	CmpE 125	CmpE 124*
CmpE 126	CmpE 046*	CmpE 126	CmpE 046*
CmpE 127	(CmpE 125*) ^{Co or Pre}	CmpE 127	(CmpE 125*) ^{Co or Pre}
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, ISE 130*
CmpE 140	CmpE 127*, Engr 100W, Major Form	CmpE 140	CmpE 127*, Engr 100W, Major Form
CmpE 142	CmpE 124*, CmpE 126*	CmpE 142	CmpE 124*, CmpE 126*
CmpE 152	CmpE 124*, CmpE 126*	CmpE 152	CmpE 124*, CmpE 126*
CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing	CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing
CmpE 195B	CmpE 195A*	CmpE 195B	CmpE 195A*
EE 101	EE 98*	EE 101	EE 98*
EE 110	EE 98*, Math 133A, EE 101, Engl 1A	EE 110	EE 98*, Math 133A, EE 101, Engl 1A
EE 122	None	EE 122	None
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 046	CmpE 131	CmpE 046
ISE 130	Math 32	ISE 130	Math 32
Math 129A	Math 31** or consent	Math 129A	Math 31** or consent
Math 30	Calculus Placement Exam, ELM	Math 30	Calculus Placement Exam, ELM
Math 31	Math 30** or Math 30P**	Math 31	Math 30** or Math 30P**
Math 32	Math 31**	Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
Math 133A	Math 32**	Math 133A	Math 32**
Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

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Fall 2003	Prerequisites	Spring 2004	Prerequisites
CmpE 46	Math 30	CmpE 46	Math 30
ME 20	None	ME 20	None
Engr 10	None	Engr 10	None
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 52, (Math 133A) ^{Co}	EE 98	Phys 71 or 52, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A
CmpE 101	CmpE 046*	CmpE 101	CmpE 046*
CmpE 102	CmpE 125, CmpE 126, CmpE 127	CmpE 102	Math 32, Engr 100W
CmpE 124	EE 98, EE 101	CmpE 124	EE 98, EE 101
CmpE 125	CmpE 124*	CmpE 125	CmpE 124*
CmpE 126	CmpE 046*	CmpE 126	CmpE 101
CmpE 127	(CmpE 125*) ^{Co or Pre}	CmpE 127	CmpE 125*
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, (ISE 130) ^{Co}
CmpE 140	CmpE 127*, Engr 100W, Major Form	CmpE 140	CmpE 125*, Engr 100W, Major Form
CmpE 142	CmpE 124*, CmpE 126*	CmpE 142	CmpE 124*, CmpE 126*, Engr 100W, Major Form
CmpE 152	CmpE 124*, CmpE 126*	CmpE 152	CmpE 124*, CmpE 126*
CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing	CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, ISE 165, Engr 100W, Major Form, Senior Standing
CmpE 195B	CmpE 195A*	CmpE 195B	CmpE 195A*
EE 101	EE 98*	EE 101	EE 98*
CmpE 110	EE 101	CmpE 110	EE 101
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 046	CmpE 131	CmpE 126*
ISE 130	Math 32	ISE 130	Math 32
Math 129A	Math 31** or consent	Math 129A	Math 31** or consent
Math 30	Calculus Placement Exam, ELM	Math 30	Calculus Placement Exam, ELM
Math 31	Math 30** or Math 30P**	Math 31	Math 30** or Math 30P**
Math 32	Math 31**	Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
Math 133A	Math 32**	Math 133A	Math 32**
Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

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Catalog 2004 – 2006 (Required Courses Only)			
Fall 2004	Prerequisites	Spring 2005	Prerequisites
CmpE 46	Math 30	CmpE 46	Math 30
ME 20	None	ME 20	None
Engr 10	HS algebra, HS geometry, HS trigonometry	Engr 10	HS algebra, HS geometry, HS trigonometry
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 51, (Math 133A) ^{Co}	EE 98	Phys 71 or 51, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A
CmpE 101	CmpE 046*	CmpE 101	CmpE 046*
CmpE 102	CmpE 101	CmpE 102	CmpE 101
CmpE 124	EE 97, EE 98, EE 101	CmpE 124	EE 97, EE 98, EE 101
CmpE 125	CmpE 124*	CmpE 125	CmpE 124*
CmpE 126	CmpE 101	CmpE 126	CmpE 101
CmpE 127	(CmpE 125*) ^{Co}	CmpE 127	(CmpE 125*) ^{Co}
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, ISE 130*
CmpE 140	CmpE 125*, Engr 100W	CmpE 140	CmpE 125*, Engr 100W
CmpE 142	CmpE 124*, CmpE 126*, Engr 100W	CmpE 142	CmpE 124*, CmpE 126*, Engr 100W
CmpE 152	CmpE 124*, CmpE 126*	CmpE 152	CmpE 124*, CmpE 126*
CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing	CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form
CmpE 195B	CmpE 195A*	CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}
EE 101	EE 98*	EE 101	EE 98*
CMPE 110	EE 101, (CmpE 124) ^{Co}	CMPE 110	EE 101, (CmpE 124) ^{Co}
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 126*	CmpE 131	CmpE 126*. SE majors: CS 46B*
ISE 130	Math 32	ISE 130	Math 32
Math 129A or [Math 138] or [Math 143C]	Math 31** or consent Math 32** or consent Math 32, CS 50 or CS 46A or CS 49** or consent	Math 129A or [Math 138] or [Math 143C]	Math 31** or consent Math 32** or consent Math 32, CS 50 or CS 46A or CS 49** or consent
Math 30 or Math 30P	Calculus Placement Exam, ELM Calculus Placement Exam or Math 19**, ELM	Math 30 or Math 30P	Calculus Placement Exam, ELM Calculus Placement Exam or Math 19**, ELM
Math 31	Math 30** or Math 30P**	Math 31	Math 30** or Math 30P**
Math 32	Math 31**	Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
Math 133A	Math 32**	Math 133A	Math 32**
Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

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Catalog 2004 – 2006 (Required Courses Only)			
Fall 2005	Prerequisites	Spring 2006	Prerequisites
† CmpE 46	Math 30	† CmpE 46	Math 30
ME 20	None	ME 20	None
Engr 10	HS algebra, HS geometry, HS trigonometry	Engr 10	HS algebra, HS geometry, HS trigonometry
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 51, (Math 133A) ^{Co}	EE 98	Phys 71 or 51, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A
CmpE 101	CmpE 046*	CmpE 101	CmpE 046*
CmpE 102	CmpE 101	CmpE 102	CmpE 101
† CmpE 124	EE 97, EE 98, EE 101	† CmpE 124	EE 97, EE 98, EE 101
† CmpE 125	CmpE 124*	† CmpE 125	CmpE 124*
† CmpE 126	CmpE 101	† CmpE 126	CmpE 101
CmpE 127	(CmpE 125*) ^{Co}	CmpE 127	(CmpE 125*) ^{Co}
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, ISE 130*
† CmpE 140	CmpE 125*, Engr 100W	† CmpE 140	CmpE 125*, Engr 100W
CmpE 142	CmpE 124*, CmpE 126*, Engr 100W	CmpE 142	CmpE 124*, CmpE 126*, Engr 100W
CmpE 152	CmpE 102*, CmpE 126*	CmpE 152	CmpE 102*, CmpE 126*
† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form	† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form
CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}	CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}
EE 101	EE 98*	EE 101	EE 98*
† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*	† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 126*	CmpE 131	CmpE 126*
† ISE 130	Math 32	† ISE 130	Math 32
Math 129A or [Math 138] or [Math 143C]	Math 31** or consent Math 32** or consent Math 32, CS 50 or CS 46A or CS 49** or consent	Math 129A or [Math 138] or [Math 143C]	Math 31** or consent Math 32** or consent Math 32, CS 50 or CS 46A or CS 49** or consent
†† Math 30 or	Calculus Placement Exam, ELM	†† Math 30 or	Calculus Placement Exam, ELM
†† Math 30P	Calculus Placement Exam or Math 19**, ELM	†† Math 30P	Calculus Placement Exam or Math 19**, ELM
†† Math 31	Math 30** or Math 30P**	†† Math 31	Math 30** or Math 30P**
†† Math 32	Math 31**	†† Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
Math 133A	Math 32**	Math 133A	Math 32**
†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

*With grade of C or better, **With grade of C- or better, Co – corequisite † **Must receive C or better to graduate** †† **Must receive C- or better to graduate**

Curriculum Prerequisite Summary for BS in Computer Engineering
Computer Engineering Department, San Jose State University

Catalog 2006 – 2008 (Required Courses Only)			
Fall 2006	Prerequisites	Spring 2007	Prerequisites
† CmpE 46	Math 30	† CmpE 46	Math 30
ME 20	None	ME 20	None
Engr 10	HS algebra, HS geometry, HS trigonometry	Engr 10	HS algebra, HS geometry, HS trigonometry
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 51, (Math 133A) ^{Co}	EE 98	Phys 71 or 51, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A
CmpE 101	CmpE 046*	CmpE 101	CmpE 046*
CmpE 102	CmpE 101	CmpE 102	CmpE 101
† CmpE 124	EE 97, EE 98, EE 101	† CmpE 124	EE 97, EE 98, EE 101
† CmpE 125	CmpE 124*	† CmpE 125	CmpE 124*
† CmpE 126	CmpE 101	† CmpE 126	CmpE 101
CmpE 127	(CmpE 125*) ^{Co}	CmpE 127	(CmpE 125*) ^{Co}
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, ISE 130*
† CmpE 140	CmpE 125*, Engr 100W	† CmpE 140	CmpE 125*, Engr 100W
CmpE 142	CmpE 124*, CmpE 126*, Engr 100W	CmpE 142	CmpE 124*, CmpE 126*, Engr 100W
CmpE 152	CmpE 102*, CmpE 126*	CmpE 152	CmpE 102*, CmpE 126*
† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form	† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form
CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}	CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}
EE 101	EE 98*	EE 101	EE 98*
† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*	† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*
		CmpE 198	Complete GE core, WST, upper division standing. (100W) ^{Co}
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 126*	CmpE 131	CmpE 126*
† ISE 130	Math 32	† ISE 130	Math 32
Math 129A or [Math 138] or [Math 143C]	Math 31** or consent Math 32** or consent Math 32, CS 50 or CS 46A or CS 49** or consent	Math 129A or [Math 138] or [Math 143C]	Math 31** or consent Math 32** or consent Math 32, CS 50 or CS 46A or CS 49** or consent
†† Math 30 or	Calculus Placement Exam, ELM	†† Math 30 or	Calculus Placement Exam, ELM
†† Math 30P	Calculus Placement Exam or Math 19**, ELM	†† Math 30P	Calculus Placement Exam or Math 19**, ELM
†† Math 31	Math 30** or Math 30P**	†† Math 31	Math 30** or Math 30P**
†† Math 32	Math 31**	†† Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
Math 133A	Math 32**	Math 133A	Math 32**
†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

*With grade of C or better, **With grade of C- or better, Co – corequisite † **Must receive C or better to graduate** †† **Must receive C- or better to graduate**

Curriculum Prerequisite Summary for BS in Computer Engineering
Computer Engineering Department, San Jose State University

Catalog 2006 – 2008 (Required Courses Only)			
Fall 2007	Prerequisites	Spring 2008	Prerequisites
† CmpE 30	Math 30	† CmpE 30	Math 30, Engr 10
† CmpE 50	CmpE 30*	† CmpE 50	CmpE 30*
ME 19	None	ME 19	None
Engr 10	HS algebra, HS geometry, HS trig	Engr 10	HS algebra, HS geometry, HS trig
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 51, (Math 133A) ^{Co}	EE 98	Phys 71 or 51, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A
CmpE 102	CmpE 50	CmpE 102	CmpE 50
† CmpE 124	EE 97, EE 98, EE 101	† CmpE 124	EE 97, EE 98, EE 101
† CmpE 125	CmpE 124*	† CmpE 125	CmpE 124*
† CmpE 126	CmpE 101 or CmpE 50*	† CmpE 126	CmpE 101 or CmpE 50*, Engr 10
CmpE 127	(CmpE 125*) ^{Co}	CmpE 127	(CmpE 125*) ^{Co}
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, ISE 130*
† CmpE 140	CmpE 125*, Engr 100W	† CmpE 140	CmpE 125*, Engr 100W
CmpE 142	CmpE 124*, CmpE 126*, Engr 100W	CmpE 142	CmpE 124*, CmpE 126*, Engr 100W
CmpE 148	CmpE 50 and CmpE 124 or EE 118	CmpE 148	CmpE 50 and CmpE 124 or EE 118
CmpE 152	CmpE 102*, CmpE 126*	CmpE 152	CmpE 102*, CmpE 126*
† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form	† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form, Senior Standing. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W, (CmpE 168) ^{Co} , Major Form
CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}	CmpE 195B	CmpE 195A*. SE majors: (CmpE 169) ^{Co}
EE 101	EE 98*	EE 101	EE 98*
† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*	† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*
CmpE 198	Complete GE core, WST, upper division standing. (100W) ^{Co}	CmpE 198	Complete GE core, WST, upper division standing. (100W) ^{Co}
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 126*	CmpE 131	CmpE 126*
† ISE 130	Math 32	† ISE 130	Math 32
Math 129A and Math 133A or Math 123	Math 31** or consent Math 32** Math 31**	Math 129A and Math 133A or Math 123	Math 31** or consent Math 32** Math 31**
†† Math 30 or	Calculus Placement Exam, ELM	†† Math 30 or	Calculus Placement Exam, ELM
†† Math 30P	Calculus Placement Exam or Math 19**, ELM	†† Math 30P	Calculus Placement Exam or Math 19**, ELM
†† Math 31	Math 30** or Math 30P**	†† Math 31	Math 30** or Math 30P**
†† Math 32	Math 31**	†† Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

*With grade of C or better, **With grade of C- or better, Co – corequisite † **Must receive C or better to graduate** †† **Must receive C- or better to graduate**

Curriculum Prerequisite Summary for BS in Computer Engineering
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Catalog 2008 – 2010 (Required Courses Only)			
Fall 2008	Prerequisites	Spring 2009	Prerequisites
† CmpE 30	Math 30	† CmpE 30	Math 30, Engr 10
† CmpE 50	CmpE 30*	† CmpE 50	CmpE 30*
ME 19	None	ME 19	None
Engr 10	HS algebra, HS geometry, HS trig	Engr 10	HS algebra, HS geometry, HS trig
EE 97	(EE 98) ^{Co or Pre}	EE 97	(EE 98) ^{Co or Pre}
EE 98	Phys 71 or 51, (Math 133A) ^{Co}	EE 98	Phys 71 or 51, (Math 133A) ^{Co}
ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A	ME 109 or [MatE 153]	Phys 71, Math 133A, EE 98 Phys 71, Chem 1A, EE 98, Math 133A
CmpE 102	CmpE 50	CmpE 102	CmpE 50
† CmpE 124	EE 97, EE 98, EE 101	† CmpE 124	EE 97, EE 98, EE 101
† CmpE 125	CmpE 124*	† CmpE 125	CmpE 124*
† CmpE 126	CmpE 101 or CmpE 50*	† CmpE 126	CmpE 101 or CmpE 50*, Engr 10
CmpE 127	(CmpE 125*) ^{Co}	CmpE 127	(CmpE 125*) ^{Co}
CmpE 130	CmpE 126*, ISE 130*	CmpE 130	CmpE 126*, ISE 130*
† CmpE 140	CmpE 125*, Engr 100W	† CmpE 140	CmpE 125*, Engr 100W
CmpE 142	CmpE 124*, CmpE 126*, Engr 100W	CmpE 142	CmpE 124*, CmpE 126*, Engr 100W
CmpE 148	CmpE 50 and CmpE 124 or EE 118	CmpE 148	CmpE 50 and CmpE 124 or EE 118
CmpE 152	CmpE 102*, CmpE 126*	CmpE 152	CmpE 102*, CmpE 126*
† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W or Engr 100W, Major Form	† CmpE 195A	CmpE 125, CmpE 127, CmpE 130, ISE 130, CmpE 131, Engr 100W, Major Form. SE majors: CmpE 131, ISE 130 or Math 161A, CS 100W or Engr 100W, Major Form
CmpE 195B	CmpE 195A*.	CmpE 195B	CmpE 195A*.
EE 101	EE 98*	EE 101	EE 98*
† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*	† CMPE 110	EE 101, (CmpE 124) ^{Co} , Math 133A*
CmpE 198	Complete GE core, WST, upper division standing. (100W) ^{Co}	CmpE 198	Complete GE core, WST, upper division standing. (100W) ^{Co}
Engr 100W	Complete GE Core, WST, Upper Division Standing	Engr 100W	Complete GE Core, WST, Upper Division Standing
CmpE 131	CmpE 126*	CmpE 131	CmpE 126*
† ISE 130	Math 32	† ISE 130	Math 32
Math 129A and Math 133A or Math 123	Math 31** or consent Math 32** Math 31**	Math 129A and Math 133A or Math 123	Math 31** or consent Math 32** Math 31**
†† Math 30 or	Calculus Placement Exam, ELM	†† Math 30 or	Calculus Placement Exam, ELM
†† Math 30P	Calculus Placement Exam or Math 19**, ELM	†† Math 30P	Calculus Placement Exam or Math 19**, ELM
†† Math 31	Math 30** or Math 30P**	†† Math 31	Math 30** or Math 30P**
†† Math 32	Math 31**	†† Math 32	Math 31**
Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)	Math 42	Math 19** or Eligibility for (Math 30 or Math 30P)
†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**	†† Phys 70	HS Phys w/ B, Phys Placement Exam, Math 30** or Math 30P**
Phys 71	Phys 70**, Math 30**	Phys 71	Phys 70**, Math 30**
Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)	Chem 1A	Proficiency in HS Chem or Chem 10* or consent, Proficiency in HS algebra, Eligibility for (Math 19 and Engr 1A)

*With grade of C or better, **With grade of C- or better, Co – corequisite † **Must receive C or better to graduate** †† **Must receive C- or better to graduate**

Curriculum Prerequisite Summary for BS in Computer Engineering
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Curriculum Change Form Matrix

Effective Semester	AVP Approval Date	Course(s) Affected	Change Type	Change Description
Fall 2001	2/10/2000	CmpE 124	Prereq	EE 101 added as prerequisite restriction to CmpE 124. Note: Change form listed effective semester as ASAP. The CMPE department recognizes the effective semester as Fall 2001 per director S. Meldal. Further paperwork indicates effective semester may be Fall 2000 however no AVP signature is listed on this paperwork.
Fall 2000	1/4/2000	Engr 125 ISE 165	Replace	Engr 125 replaced ISE 165 as required course.
		EE 101	New Required Course	EE 101 added as new required course to curriculum.
		Phys 70 Phys 61	Replace	Phys 70 replaced Phys 61 as required course.
		Phys 71 Phys 62	Replace	Phys 71 replaced Phys 62 as required course.
Fall 2001	11/1/2000	CmpE 046	Prereq	Engr 10 removed as prerequisite restriction
Fall 2001	11/1/2000	EE 97	New Required Course	EE 97 added as new to required course in curriculum. Note: prerequisites/corequisite listed as EE 98 in 2000-2002 catalog but not on change form.
		Math 42	New Required Course	Math 42 added as new to required course in curriculum. Note: prerequisites listed as Math 19 (C- or better) or eligibility for (Math 30 or 30P) in 2000-2002 catalog but not on change form.
		Technical Electives	Allowable Units	Technical elective allowable units changed from 12 units to 9 units.
Fall 2001	11/10/2000	CmpE 101	New Required Course	CmpE 101 added as new required course to curriculum. Prerequisites listed as CmpE 046 (C or better).
Based on 2002-2004 catalog	-	MatE 153	Prereq	Engr 100W removed as corequisite restriction.
		EE 122	Prereq	EE 110 removed as prerequisite restriction.
		Phys 71	Alternate	Math 30P removed as alternative to Math 30 prerequisite restriction.
		Chem 1A Chem 11A	Alternate	Chem 11A removed as an alternate to Chem 1A.
		Chem 1A	Prereq	HS Chem prerequisite restriction changed to proficiency in HS Chem. Added (C or better) grade restriction to Chem 10 which is alternative for proficiency in HS Chem. Added instructor consent as alternative to proficiency in HS Chem. 2yrs of HS algebra prerequisite restriction changed to proficiency in HS algebra. Math 6D or Math 6L removed as prerequisite restriction. Eligibility for (Math 19 and Engl 1A) added as prerequisite restriction. Chemistry Placement Exam removed as prerequisite restriction.
Fall 2002	2/11/2002	ME 20 Engr 20	Replace	ME 20 replaced Engr 20 as required course.
Fall 2002	2/11/2002	CmpE 126	Cross Reference	Engr 126 removed as cross-reference to CmpE 126

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Effective Semester	AVP Approval Date	Course(s) Affected	Change Type	Change Description
Fall 2002	2/18/2002	CmpE 130	Prereq / Title	ISE 130 (C or better) added as prerequisite restriction. Course title changed from Database Systems I to File Processing.
Fall 2002	2/11/2002	CmpE 131	New Required Course / Replace	CmpE 131 new course replaced Engr 125 as required course. CmpE 131 prerequisites listed as CmpE 046.
		Engr 125		
Fall 2003	2/20/2003	CmpE 102	New Required Course / Replace	CmpE 102 added as new required course. CmpE 110 new course replaced EE 110 & EE 122 as required course.
		CmpE 110		
		EE 110 EE 122		
Spring 2004	8/8/2003	CmpE 046	Description	CmpE 046 course description changed to reference usage of C++ language.
		CmpE 101	Description	CmpE 101 course description changed to reference usage of C++ language.
Spring 2004	8/18/2003	CmpE 126	Prereq	CmpE 101 (with CR) added as prerequisite restriction. CmpE 046 removed as prerequisite restriction.
Spring 2004	8/18/2003	CmpE 127	Prereq	CmpE 125 removed as co-requisite restriction
Spring 2004	9/8/2003	CmpE 130	Prereq	ISE 130 (C or better) changed from prerequisite restriction to co-requisite restriction.
Spring 2004	8/18/2003	CmpE 140	Prereq / Description	CmpE 127 removed as prerequisite restriction. CmpE 125 (C or better) added as prerequisite restriction. Course description changed.
Spring 2004	12/24/2003		Allowable Majors	Added 09011 as allowable major.
Spring 2004	8/18/2003	CmpE 142	Prereq	Major for on file & Engr 100W added as prerequisite restrictions.
Spring 2004	9/8/2003	CmpE 131	Prereq	CmpE 046 removed as prerequisite restriction. CmpE 126 (C or better) added as prerequisite restriction.
Based on 2004 – 2006 catalog	-	Engr 10	Prereq	Added HS algebra, HS geometry and HS trigonometry as prerequisite restrictions.
Fall 2004	2/17/2004	CmpE 102	Prereq	CmpE 125, 126 & 127 removed as prerequisite restriction. CmpE 101 (with CR) added as prerequisite restriction.
Fall 2004	2/17/2004	CmpE 124	Prereq	EE 97 added as prerequisite restriction.
Fall 2004	2/17/2004	CmpE 127	Prereq	CmpE 125 (C or better) added as co-requisite restriction.
Fall 2004	2/17/2004	CmpE 130	Prereq	ISE 130 changed from co-requisite restriction to prerequisite restriction and (C or better) added as grade restriction.
Fall 2004	2/17/2004	CmpE 140	Prereq	Major for on file removed as prerequisite restriction.
Fall 2004	2/17/2004	CmpE 142	Prereq	Major for on file removed as prerequisite restriction.
Fall 2004	2/17/2004	CmpE 195A	Prereq	ISE 165 removed as prerequisite restriction. CmpE 131 added as prerequisite restriction. Note: presumed that ISE 165 was not changed in the catalog since Fall 2000 when Engr replaced ISE 165.
Fall 2004	2/17/2004	CmpE 110	Prereq	CmpE 124 added as co-requisite restriction.

Curriculum Prerequisite Summary for BS in Computer Engineering
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Effective Semester	AVP Approval Date	Course(s) Affected	Change Type	Change Description
Fall 2003	3/14/2003	Math 129A Math 138 Math 143C	Alternate	Math 138 & Math 143C added as alternates to Math 129A.
		Math 30 Math 30P	Alternate	Math 30P added as alternate to Math 30.
Spring 2005	9/8/2004	CmpE 195A	SE Major / Prereq	Major for on file, CmpE 131, ISE 130 or Math 161A & CS 100W added as prerequisite restrictions for Software Engineering (SE) major students only.
Spring 2005	9/8/2004	CmpE 195B	SE Major / Prereq	CmpE 169 added as prerequisite restrictions for Software Engineering (SE) major students only.
Spring 2005	9/8/2004	CmpE 131	SE Major / Prereq	CS 46B added as prerequisite restrictions for Software Engineering (SE) major students only.
Fall 2005	01/12/2005	CmpE 110	Prereq	Math 133A (C or better) added as prerequisite restriction.
Fall 2005	01/12/2005	CmpE 152	Prereq	CmpE 124 removed as a prerequisite restriction. CmpE 102 (C or better) added as prerequisite restriction.
Fall 2005	01/12/2005	CmpE 046	Grade Req	<p>Student must achieve a grade of C or better in the following courses in order to graduate: CmpE 046, CmpE 110, CmpE 124, CmpE 125, CmpE 126, CmpE 140, CmpE 195A, ISE 130.</p> <p>Student must achieve a grade of C- or better in the following courses in order to graduate: Math 30 or Math 30P, Math 31, Math 32, Phys 70 or 50</p>
		CmpE 110		
		CmpE 124		
		CmpE 125		
		CmpE 126		
		CmpE 140		
		CmpE 195A		
		ISE 130		
		Math 30 or Math 30P		
		Math 31		
		Math 32		
		Phys 70 or Phys 50		

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Effective Semester	AVP Approval Date	Course(s) Affected	Change Type	Change Description
Spring 2007	09/07/06	CmpE 198	New Required Course	CmpE198 must be taken to satisfy Advanced GE requirement V.
Fall 2007	2/19/07	CmpE 30	New Required Course	CmpE 30 and CmpE 50 replace CmpE 46.
	2/19/07	CmpE 46	Delete	CmpE 30 and CmpE 50 replace CmpE 46.
	2/19/07	CmpE 50	New Required Course	CmpE 30 and CmpE 50 replace CmpE 46.
	2/19/07	CmpE 101	Delete	CmpE 101 is no longer a required course.
	02/05/2007	CmpE102	Prereq	CmpE 50 replaces CmpE101.
	2/19/07	CmpE126	Prereq	CmpE101 or CmpE50 (C or better). CmpE50 added.
	2/19/07	CmpE 148	New Required Course	CmpE 148 added as a required course.
	02/05/2007	CmpE148	Prereq	CmpE50 and (CmpE124 or EE118). CmpE50 replaces CmpE46.
	2/19/07	Math 123 Math 129A Math 133A	Alternate	Math 129A and Math 133A requirements may also be satisfied by Math 123.
	2/19/07	Math 138	Delete Alternate	Math 138 may not be used to satisfy Math 129A requirement.
	2/19/07	Math 143C	Delete Alternate	Math 143C may not be used to satisfy Math 129A requirement.
	2/19/07	ME 19 ME 20	New Required Course / Replace	ME 19 replaces ME 20. (Reduction by 1 unit.)
	Spring 2008	09/05/07	CmpE 30	Prereq
09/05/07		CmpE 126	Prereq	CmpE101 or CmpE50 (C or better) and Engr 10. Engr 10 added.
Fall 2008	04/02/08	CmpE 195A	Prereq	CmpE majors: remove senior standing. SE majors: remove CmpE168 coreq, Engr 100W added as alternate to CS 100W.
	04/02/08	CmpE195B	Prereq	SE majors: remove CmpE 169 coreq.