

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 (Az65rat)

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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

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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, ISA&1z.2j4V(1A&1z.7j4V(1A&1z.,j4T.0jb(6-656.g
CmpE 195B	CmpE 19&1z.,j4T.05j4V(1AAA5.Aj45(Tzza.*jb(&bVAb. j] TNeWTeQe qeT-A(5zb2bb1(z-&2meT-A(5zb2b		

		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	ISA&1z.2j4V(1A&1z.7j4V(1A&1z.,j4T.0jb(6-656.gjz(1A5b15&&. j4zz55	
		Math 129A	Math 31** or consent
Mah 30	Calculus Placement Exam EL&1z.2j	Math 30	Calculus Placement Exam EL&1z.2jA-b.Mj4b(ATVz
Mah 32	Math 31**	Math 32	Math 31**

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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,		

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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

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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	E	

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Catalog 2006 – 2008 (Required Courses Only)	
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Fall 2007	
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Effective Semester	AVP Approval Date	Course(s) Affected	Change Type	Change Description
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Effective Semester	AVP Approval Date	Course(s) Affected	Change Type	Change Description
		Math 129A Math 138 Math 143C		

