

Web Address - <http://www.registrar.caltech.edu/>**KEY TO ABBREVIATIONS****LOCATIONS**

ANB	Annenberg Center for Information Science and Technology	KLK	Kellogg Radiation Laboratory
ARM	Arms Laboratory of Geological Sciences	KRK	Kerckhoff Laboratory of Biological Sciences
AVE	Avery House	KSP	Keith Spaulding Building
BAC	Braun Athletic Center	L+R	Linde + Robinson Laboratory for Global Environmental Science
BAX	Baxter Hall of Humanities and Social Services	LAU	Lauritsen Physics Laboratory
BBB	Beckman Laboratory of Behavioral Biology	MEAD	Undergraduate Chemistry Laboratory
BCK	Beckman Institute	MRE	Moore Laboratory
BRD	Broad Center	NMD	North Mudd Building of Geological Sciences
BRG	Bridge Laboratory of Physics	NYS	Noyes Laboratory of Chemical Physics
BRN	Braun Laboratory	NewMedia	NewMedia Classroom
BRW	Brown Gym	POLY	Polytechnic School
CHL	Cahill Center for Astronomy and Astrophysics	PR	Public Relations
CHR	Church Laboratory of Chemical Biology	PWL/BTH	Powell/Booth Laboratory
CRL	Crellin Chemistry Laboratory	ROB	Robinson Laboratory of Astrophysics
CSS	Center for Student Services	SAC	Student Activities Center
DAB	Dabney Hall of Humanities	SCH	Schlinger Laboratory
DWN	Downs Physics Laboratory	SFL	Sherman Fairchild Library
DWN/LAU	Downs Lauritsen	SLN	Sloan Laboratory of Mathematics and Physics
FIR	Firestone Flight Science Laboratory	SMD	South Mudd Building of Geophysics and Planetary Sciences
GCL	Gates Chemical Laboratory	SPL	Spaulding Laboratory of Chemical Engineering
GTL	Gates-Thomas Engineering Laboratory	STL	Steele Laboratory of Electrical Engineering
GUG	Guggenheim Laboratory	TCT	Theater Arts at Caltech (TACIT)
JRG	Jorgensen Laboratory	WAT	Watson Laboratory of Applied Physics
KAR	Karman Laboratory	WINN	Winnett Center
KCK	Keck Engineering Laboratory	YHC	Young Health Center

GRADING SCHEME

G = Grades Only
 P = Pass/Fail Only
 Blank = Grades/may exercise P/F

TIMES/LOCATION/UNITS

A = Hours/Location to be Arranged
 + = Units to be Arranged
 OM = Organizational Meeting

DAYS OF THE WEEK

M = Monday
 T = Tuesday
 W = Wednesday
 R = Thursday
 F = Friday
 S = Saturday
 U = Sunday

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
AEROSPACE							
Ae 100	+	Research in Aerospace	01	Gharib, M	A	A	P
			02	McKeon, B	A	A	P
			03	Chung, S	A	A	P
			04	Pellegrino, S	A	A	P
			05	Blanquart, G	A	A	P
			06	Shepherd, J	A	A	P
			07	Meiron, D	A	A	P
			08	Meiron, D	A	A	P
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Austin, J	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	135 GTL	
Ae/APh 104B	0-6-3	Experimental Methods	01	McKeon, B	A	A	G
Ae 105B	3-0-6	Aerospace Engineering	01	Pellegrino, S / Scharf, D	TR 16:00 - 17:25	384 FIR	
Ae/ME 120A	3-0-6	Combustion Fundamentals	01	Blanquart, G	MWF 14:00 - 14:55	115 GTL	
Ae 121B	3-0-6	Space Propulsion	01	Polk, J	TR 13:00 - 14:25	232 GUG	
Ae 150B	1-0-0	Aerospace Engineering Seminar	01	McKeon, B	M 13:00 - 13:55	133 GUG	P
EE/Ae 157B	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	MW 14:30 - 15:55	314 ANB	
Ae 200	+	Advanced Research in Aerospace	01	Schneider, T	A	A	P
			02	Burdick, J	A	A	P
			03	Colonus, T	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P
			06	Hornung, H	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
AEROSPACE										
Ae 200	+	Advanced Research in Aerospace	07	Bhattacharya, K	A	A	P			
			08	Leonard, A	A	A	P			
			09	Murray, R	A	A	P			
			10	Ortiz, M	A	A	P			
			11	Pullin, D	A	A	P			
			12	Ravichandran, G	A	A	P			
			13	Rosakis, A	A	A	P			
			14	McKeon, B	A	A	P			
			15	Pellegrino, S	A	A	P			
			16	Shepherd, J	A	A	P			
			17	Blake, G	A	A	P			
			18	Lapusta, N	A	A	P			
			19	Troian, S	A	A	P			
			20	Daraio, C	A	A	P			
			21	Blanquart, G	A	A	P			
			22	Kochmann, D	A	A	P			
			23	Greer, J	A	A	P			
			24	Gurnis, M	A	A	P			
			25	Minnich, A	A	A	P			
			26	Johnson, J	A	A	P			
			27	Austin, J	A	A	P			
			28	Kulkarni, S	A	A	P			
			29	Chung, S	A	A	P			
			30	Asimaki, D	A	A	P			
			31	Chung, S	A	A	P			
			Ae 204A	3-0-6	Technical Fluid Mechanics	01	Roshko, A / Brown, G	TWR 11:00 - 11:55	384 FIR	P
			Ae 205A	2-4-3	Advanced Space Project	01	Pellegrino, S	W 16:00 - 17:55	233 GUG	
			Ae 208B	1-0-0	GALCIT Colloquium	01	Austin, J / Pellegrino, S	F 15:00 - 15:55	133 GUG	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
AEROSPACE							
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture <i>class cancelled</i>	01	Staff	A	A	
Ae/AM/CE/ME 214B	3-0-6	Computational Solid Mechanics	01	Kochmann, D	TR 14:30 - 15:55	133 GUG	
Ae/AM/ME 225	3-0-6	Special Topics in Solid Mechanics <i>Sec 1: taught concurrently with AM/CE 151b //</i> <i>Sec 2 topic: Static and Dynamic Failure of Brittle Solids and Interfaces, from the Micro to the Mega</i>	01 02	Daraio, C Rosakis, A	MWF 10:00 - 10:55 TR 14:30 - 15:55	135 GTL 115 GTL	
Ae 233	3-0-6	Hydrodynamic Stability	01	Dimotakis, P	TR 13:00 - 14:25	133 GUG	P
Ae 240	+	Special Topics in Fluid Mechanics <i>Educational Exchange</i>	01	McKeon, B	A	A	P
ME/Ge/Ae 266A	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta, N	TR 13:00 - 14:25	115 GTL	G
ANTHROPOLOGY							
An 097	+	Undergraduate Research	01	Staff	A	A	P
An/PS 127	3-0-6	Corruption <i>maximum enrollment: 15 students // Designated as Writing Intensive Course</i>	01	Ensminger, J	MW 14:30 - 15:55	127 BAX	G
APPLIED & COMPUTATIONAL MATH							
ACM095A	4-0-8	Introductory Methods of Applied Mathematics for the Physical Sciences <i>TAs will organize two office hours per week; there will be no formal sections due to extended lecture time.</i>	99	Meiron, D / Zuev, K	MWF 11:00 - 12:15	119 KRK	
ACM100A	4-0-8	Introductory Methods of Applied Mathematics for the Physical Sciences <i>TAs will organize two office hours per week;</i>	99	Meiron, D / Zuev, K	MWF 11:00 - 12:15	119 KRK	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
APPLIED & COMPUTATIONAL MATH							
ACM101B	4-0-8	Methods of Applied Mathematics I	01	Bruno, O	TR 14:30 - 16:25	213 ANB	
ACM106A	3-0-9	Introductory Methods of Computational Mathematics <i>class cancelled</i>	01	Staff	A	A	
ACM106B	3-0-9	Introductory Methods of Computational Mathematics	01	Hou, Y	TR 13:00 - 14:25	105 ANB	
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations <i>class cancelled - to be offered spring term</i>	01	Staff	A	A	P
ACM/CS 157	3-2-4	Introduction to Statistical Inference	01	Zuev, K	MW 14:30 - 15:55	107 DWN	
ACM190	+	Reading and Independent Study	01 02 04	Bruno, O Meiron, D Hassibi, B	A A A	A A A	P P P
ACM201A	4-0-8	Partial Differential Equations	01	Liu, P	MW 14:30 - 15:55	213 ANB	
ACM210A	3-0-6	Numerical Methods for PDEs	01	Lam, K	MW 13:00 - 14:25	314 ANB	
ACM216	3-0-6	Markov Chains, Discrete Stochastic Processes and Applications	01	Owhadi, H	TR 09:00 - 10:25	105 ANB	
ACM217	3-0-6	Advanced Topics in Stochastic Analysis	01	Tropp, J	TR 10:30 - 11:55	213 ANB	
ACM300	+	Research in Applied and Computational Mathematics	01 02 03 04 05 06 07 08	Bruno, O Chandrasekaran, V Desbrun, M Hou, Y Tropp, J Meiron, D Pierce, N Owhadi, H	A A A A A A A A	A A A A A A A A	P P P P P P P P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
APPLIED & COMPUTATIONAL MATH							
ACM300	+	Research in Applied and Computational Mathematics	09	Schroeder, P	A	A	P
			10	Hassibi, B	A	A	P
			11	Beck, J	A	A	P
			12	Stuart, A	A	A	P
APPLIED MECHANICS							
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	135 GTL	
AM/CE/ME 150B	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
AM/CE 151B	3-0-6	Dynamics and Vibrations <i>taught concurrently with Ae/AM/ME 255, section 1</i>	01	Daraio, C	MWF 10:00 - 10:55	135 GTL	G
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture <i>class cancelled</i>	01	Staff	A	A	
Ae/AM/CE/ME 214B	3-0-6	Computational Solid Mechanics	01	Kochmann, D	TR 14:30 - 15:55	133 GUG	
Ae/AM/ME 225	3-0-6	Special Topics in Solid Mechanics <i>Sec 1: taught concurrently with AM/CE 151b //</i> <i>Sec 2 topic: Static and Dynamic Failure of Brittle Solids and Interfaces, from the Micro to the Mega</i>	01	Daraio, C	MWF 10:00 - 10:55	135 GTL	
			02	Rosakis, A	TR 14:30 - 15:55	115 GTL	
AM 300	+	Research in Applied Mechanics	01	Beck, J	A	A	P
			02	Bhattacharya, K	A	A	P
			03	Andrade, J	A	A	P
			04	Avouac, J	A	A	P
			05	Murray, R	A	A	P
			06	Ortiz, M	A	A	P
			07	Phillips, R	A	A	P
			08	Ravichandran, G	A	A	P
APPLIED PHYSICS							

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
APPLIED PHYSICS							
APh023	2-0-4	Demonstration Lectures in Optics	01	Faraon, A	F 13:00 - 14:55	B280 MRE	
APh077B	0-9-0	Laboratory in Applied Physics	01	Bellan, P	OM,W 16:00 - 16:55	265 WAT	G
APh078B	+	Senior Thesis, Experimental	01	Faraon, A	A	A	P
			02	Scherer, A	A	A	P
			03	Phillips, R	A	A	P
			04	Painter, O	A	A	P
			05	Vahala, K	A	A	P
			06	Atwater, H	A	A	P
			07	Bellan, P	A	A	P
			08	Troian, S	A	A	P
			09	Yung, Y	A	A	P
			10	Schwab, K	A	A	P
			11	Knutson, H	A	A	P
			12	Endres, M	A	A	P
APh079B	+	Senior Thesis, Theoretical	01	Goddard, W	A	A	P
			02	Troian, S	A	A	P
			03	Kimble, H	A	A	P
APh100	+	Advanced Work in Applied Physics	01	Atwater, H	A	A	P
			02	Faraon, A	A	A	P
			03	Painter, O	A	A	P
			04	Scherer, A	A	A	P
			05	Troian, S	A	A	P
			07	Roukes, M	A	A	P
			08	Yang, C	A	A	P
			09	Bellan, P	A	A	P
			10	Phillips, R	A	A	P
			11	Choo, H	A	A	P
			12	Minnich, A	A	A	P
			13	Kimble, H	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
APPLIED PHYSICS							
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Austin, J	MWF 10:00 - 10:55	133 GUG	G
Ae/APh 104B	0-6-3	Experimental Methods	01	McKeon, B	A	A	G
APh/MS 105B	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Troian, S / Ghaffari, A	OM,R 16:00 - 16:55	104 WAT	
APh110	2-0-0	Topics in Applied Physics	01	Bellan, P	M 12:00 - 12:55	104 WAT	P
APh114B	3-0-6	Solid-State Physics	01	Nad Perge, S	MWF 09:00 - 09:55	104 WAT	
APh/Ph 115	3-0-9	Physics of Momentum Transport in Hydrodynamic Systems <i>Supplementary lectures and instructional movies on Fridays 1-2:25pm in 104 WAT</i>	01	Troian, S	TR 13:00 - 14:25 F 13:00 - 14:25	104 WAT 104 WAT	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	P
MS/APh 122	0-4-5	Diffraction, Imaging, and Structure <i>Maximum enrollment: 8 students</i>	01	Fultz, B / Garland, C	OM,W 13:00 - 13:55	B242 KCK	
EE/APh 131	3-0-6	Light Interaction with Atomic Systems - Lasers	01	Yariv, A	TR 09:00 - 10:25	170 WAT	
APh150	+	Topics in Applied Physics <i>Section 1: Introduction to Quantum Measurement and Control // Section 2: Nanophotonics</i>	01 02	Painter, O Atwater, H	TR 14:30 - 15:55 W 11:00 - 12:25 F 10:30 - 11:55	104 WAT 104 WAT 104 WAT	
APh156B	3-0-6	Plasma Physics	01	Bellan, P	MW 14:30 - 15:55	104 WAT	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
APPLIED PHYSICS							
BE/APh 161	3-0-9	Physical Biology of the Cell	01	Phillips, R	MWF 13:00 - 14:25	100 - Rock Auditorium BRD	
APh190B	3-0-6	Quantum Electronics	01	Vahala, K	TR 10:30 - 11:55	104 WAT	
APh200	+	Applied Physics Research	01	Atwater, H	A	A	P
			02	Fultz, B	A	A	P
			03	Bellan, P	A	A	P
			04	Chen, Y	A	A	P
			05	Johnson, W	A	A	P
			06	Schwab, K	A	A	P
			07	Goddard, W	A	A	P
			08	Lewis, N	A	A	P
			09	Troian, S	A	A	P
			10	Preskill, J	A	A	P
			11	Refael, G	A	A	P
			12	Faraon, A	A	A	P
			13	Lewis, N	A	A	P
			14	Alicea, J	A	A	P
			15	Hsieh, D	A	A	P
			16	Minnich, A	A	A	P
			17	Yang, C	A	A	P
			18	Gharib, M	A	A	P
			19	Painter, O	A	A	P
			20	Phillips, R	A	A	P
			21	Bernardi, M	A	A	P
			22	Kimble, H	A	A	P
			23	Roukes, M	A	A	P
			24	Nad Perge, S	A	A	P
			25	Scherer, A	A	A	P
			30	Vahala, K	A	A	P
			31	Yariv, A	A	A	P
			32	Rosenbaum, T	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
APPLIED PHYSICS							
APh200	+	Applied Physics Research	39	Motrunich, O	A	A	P
Ph/APh 223A	3-0-6	Advanced Condensed-Matter Physics	01	Alicea, J	MW 09:00 - 10:25	269 LAU	
APh300	+	Thesis Research in Applied Physics	01	Faraon, A	A	A	P
			02	Bellan, P	A	A	P
			03	Flagan, R	A	A	P
			04	Snyder, G	A	A	P
			05	Snyder, G	A	A	P
			06	Troian, S	A	A	P
			07	Fultz, B	A	A	P
			08	Schwab, K	A	A	P
			09	Desbrun, M	A	A	P
			10	Hsieh, D	A	A	P
			11	Faber, K	A	A	P
			15	Phillips, R	A	A	P
			16	Daraio, C	A	A	P
			18	Roukes, M	A	A	P
			20	Scherer, A	A	A	P
			21	Chen, Y	A	A	P
			24	Vahala, K	A	A	P
			25	Yariv, A	A	A	P
			28	Painter, O	A	A	P
			29	Zmuidzinas, J	A	A	P
			30	Atwater, H	A	A	P
			31	Faraon, A	A	A	P
ART HISTORY							
E/H/Art 089	3-0-6	New Media Arts in the 20th and 21st Centuries <i>Maximum enrollment: 20 students</i>	01	Mushkin, H	TR 13:00 - 14:25	125 BAX	G
ASTROPHYSICS							

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ASTROPHYSICS							
FS/Ay 003	2-0-4	Freshman Seminar: Automating Discovering the Universe <i>Limited enrollment</i>	01	Kulkarni, S	M 14:00 - 14:55 F 15:00 - 15:55	211 CHL 211 CHL	P
Ay 021	3-0-6	Galaxies and Cosmology	01	Djorgovski, S	M 13:00 - 14:25 F 15:00 - 16:25	219 CHL 219 CHL	
Ay 030	2-0-1	Introduction to Modern Research <i>Classes will be held in Faculty homes.</i>	01	Sargent, A	T 19:00 - 19:55	A	P
Ay 043	+	Reading in Astronomy and Astrophysics	01	Staff	A	A	P
Ay 078B	+	Senior Thesis	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16	Readhead, A Ellis, R Hillenbrand, L Steidel, C Cohen, J Phinney, E Ott, C Martin, C Prince, T Harrison, F Hallinan, G Scoville, N Hopkins, P Djorgovski, S Knutson, H Kasliwal, M	A A A A A A A A A A A A A A A A	A A A A A A A A A A A A A A A A	P P P P P P P P P P P P P P P P
Ay 101	3-2-6	Physics of Stars	01	Kirby, E	TR 09:00 - 10:25	219 CHL	
Ge/Ay 117	3-0-6	Statistics and Data Analysis	01	Knutson, H	MWF 14:00 - 14:55	162 SMD	
Ay 122B	3-0-6	Astronomical Measurements and Instrumentation	01	Hallinan, G / Kulkarni, S	MW 14:00 - 15:25	304 CHL	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ASTROPHYSICS							
Ay 124	3-0-6	Structure and Dynamics of Galaxies	01	Hopkins, P	TF 10:30 - 11:55	219 CHL	
Ay 127	3-0-6	Cosmology and Galaxy Formation	01	Djorgovski, S	TR 13:00 - 14:25	219 CHL	
Ge/Ay 137	3-0-6	Planetary Physics	01	Batygin, K	MWF 13:00 - 13:55	162 SMD	
Ay 141B	1-0-2	Research Conference in Astronomy	01	Kirby, E / Sargent, A	F 16:00 - 16:55	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Ott, C	A	A	P
			02	Blake, G	A	A	P
			03	Harrison, F	A	A	P
			04	Brown, M	A	A	P
			05	Phinney, E	A	A	P
			06	Djorgovski, S	A	A	P
			07	Ellis, R	A	A	P
			08	Kasliwal, M	A	A	P
			09	Hillenbrand, L	A	A	P
			11	Kulkarni, S	A	A	P
			12	Hallinan, G	A	A	P
			13	Martin, C	A	A	P
			14	Bock, J	A	A	P
			15	Soifer, B	A	A	P
			16	Prince, T	A	A	P
			17	Hopkins, P	A	A	P
			18	Kirby, E	A	A	P
			19	Sargent, A	A	A	P
			20	Dore, O	A	A	P
			22	Scoville, N	A	A	P
			23	Steidel, C	A	A	P
			24	Johnson, J	A	A	P
			25	Hirata, C	A	A	P
			27	Stevenson, D	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ASTROPHYSICS							
Ay 142	+	Research in Astronomy and Astrophysics	28	Cohen, J	A	A	P
			29	Knutson, H	A	A	P
			30	Mawet, D	A	A	P
			31	Batygin, K	A	A	P
Ay 143	+	Reading and Independent Study	01	Sargent, A	A	A	P
			02	Kulkarni, S	A	A	P
			03	Readhead, A	A	A	P
			04	Hopkins, P	A	A	P
			05	Ott, C	A	A	P
			06	Brown, M	A	A	P
			07	Blake, G	A	A	P
			08	Knutson, H	A	A	P
			09	Batygin, K	A	A	P
Ge/Ay 159	3-0-6	Planetary Evolution and Habitability <i>Covers general topics in Astrobiology</i>	01	Yung, Y	MWF 11:00 - 11:55	162 SMD	
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB/Bi/Ch 173	3-0-6	Biophysical/Structural Methods	01	Clemons, W / Jensen, G	TR 10:30 - 11:55	115 BCK	G
BMB/Ch 202B	1-0-0	Biochemistry Seminar Course <i>To be held on Biochemistry Seminar days from 12-1pm (approx. 1-2 per month).</i>	01	Clemons, W	A	A	P
Bi/BMB 251B	+	Current Research in Cellular and Molecular Biology <i>meets Wednesdays noon-1pm in BBB B180</i>	01	Hay, B	A	A	P
BMB299	+	Graduate Research	01	Mayo, S	A	A	P
			02	Deshaies, R	A	A	P
			03	Fraser, S	A	A	P
			04	Bjorkman, P	A	A	P
			05	Arnold, F	A	A	P
			06	Rees, D	A	A	P
			07	Greer, J	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	08	Campbell, J	A	A	P
			09	Phillips, R	A	A	P
			10	Hay, B	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Phillips, R	A	A	P
			13	Parker, C	A	A	P
			14	Barton, J	A	A	P
			15	Heath, J	A	A	P
			16	Davidson, E	A	A	P
			17	Anderson, D	A	A	P
			18	Dougherty, D	A	A	P
			19	Mazmanian, S	A	A	P
			20	Shan, S	A	A	P
			21	Jensen, G	A	A	P
			22	Elowitz, M	A	A	P
			23	Dervan, P	A	A	P
			24	Dunphy, W	A	A	P
			25	Tirrell, D	A	A	P
			26	Patterson, P	A	A	P
			27	Meyerowitz, E	A	A	P
			28	Rothenberg, E	A	A	P
			29	Clemons, W	A	A	P
			30	Leadbetter, J	A	A	P
			31	Kennedy, M	A	A	P
			32	Lester, H	A	A	P
			33	Murray, R	A	A	P
			34	Mazmanian, S	A	A	P
			35	Baltimore, D	A	A	P
			36	Wang, Z	A	A	P
			37	Gharib, M	A	A	P
			38	Miller, T	A	A	P
			39	Sternberg, P	A	A	P
			40	Davis, M	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	41	Pierce, N	A	A	P
			42	Gray, H	A	A	P
			43	Roukes, M	A	A	P
			44	Newman, D	A	A	P
			45	Cai, L	A	A	P
			46	Varshavsky, A	A	A	P
			47	Hoelz, A	A	A	P
			48	Goentoro, L	A	A	P
			49	Guttman, M	A	A	P
			50	Shapiro, M	A	A	P
			51	Ismagilov, R	A	A	P
			52	Meister, M	A	A	P
			53	Chan, D	A	A	P
			54	Zinn, K	A	A	P
BIOENGINEERING							
BE 001	1-0-0	Frontiers in Bioengineering	01	Yang, C	M 12:00 - 12:55	B270 MRE	P
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	Mayo, S	A	A	P
			03	Burdick, J	A	A	P
			04	Kennedy, M	A	A	P
			05	Beauchamp, J	A	A	P
			06	Shimojo, S	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Lester, H	A	A	P
			10	Phillips, R	A	A	P
			11	Dervan, P	A	A	P
			12	Pierce, N	A	A	P
			13	Gradinaru, V	A	A	P
			14	Heath, J	A	A	P
			15	Guttman, M	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOENGINEERING							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Shan, S	A	A	P
			22	Adolphs, R	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Bjorkman, P	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			30	Kornfield, J	A	A	P
			31	Baltimore, D	A	A	P
			32	Davis, M	A	A	P
			33	Sternberg, P	A	A	P
36	Qian, L	A	A	P			
37	Shapiro, M	A	A	P			
ChE/BE/MedE 112	3-0-6	Design, Invention, and Fundamentals of Microfluidic Systems <i>Maximum enrollment: 20 students</i>	01	Ismagilov, R	TR 13:00 - 14:25	102 SPL	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	P
Bi/BE 129	3-0-6	The Biology and Treatment of Cancer	01	Zinn, K	MWF 10:00 - 10:55	100 - Rock Auditorium BRD	
Bi/NB/BE 155	3-0-3	Neuropharmacology	01	Lester, H	MW 09:00 - 10:25	101 KRK	G
BE 159	3-0-6	Signal Transduction and Biomechanics in Eukaryotic Cell Morphogenesis	01	Bois, J	MW 10:00 - 10:55	200 BRD	
					F 10:00 - 10:55	16/17 BRN	
			02	Bois, J	MW 10:00 - 10:55	200 BRD	
					F 11:00 - 11:55	16/17 BRN	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOENGINEERING							
BE/APh 161	3-0-9	Physical Biology of the Cell	01	Phillips, R	MWF 13:00 - 14:25	100 - Rock Auditorium BRD	
BE 168	+	Reading the Bioengineering Literature <i>class meets Mondays from 6-7pm in Watson 104</i>	01	Winfree, E	A	A	P
Bi/BE 177	3-0-6	Principles of Modern Microscopy	01	Collazo, A	TR 10:30 - 11:55	200 BRD	
Bi/BE/CS 183	3-0-6	Introduction to Computational Biology and Bioinformatics	01	Grosse, I	T 13:00 - 14:25 R 09:00 - 10:25	B180 BBB B180 BBB	
ChE/BE/MedE 188	3-0-6	Molecular Imaging	01	Shapiro, M	W 19:00 - 21:55	118 SCH	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Bois, J	TR 10:30 - 11:55	108 KCK	
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	105 ANB	G
BE/CS 196A	3-6-3	Design and Construction of Programmable Molecular Systems	01	Qian, L	TR 13:00 - 14:25	111 KCK	
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			02	Troian, S	A	A	P
			03	Burdick, J	A	A	P
			04	Rothmund, P	A	A	P
			05	Dervan, P	A	A	P
			06	Goentoro, L	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Heath, J	A	A	P
			10	Lester, H	A	A	P
			11	Guttman, M	A	A	P
			12	Pierce, N	A	A	P
			13	Meister, M	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOENGINEERING							
BE 200	+	Research in Bioengineering	14	Goddard, W	A	A	P
			15	Ismagilov, R	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			22	Dickinson, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			28	Shapiro, M	A	A	P
			29	Phillips, R	A	A	P
			30	Mayo, S	A	A	P
			31	Sternberg, P	A	A	P
			32	Gradinaru, V	A	A	P
			33	Andersen, R	A	A	P
			34	Qian, L	A	A	P
35	Kornfield, J	A	A	P			
37	Cai, L	A	A	P			
38	Hong, E	A	A	P			
39	Greer, J	A	A	P			
BIOLOGY							
Bi 008	3-0-6	Introduction to Molecular Biology: Regulation of Gene Expression <i>Maximum enrollment: 30 students per section</i>	01	Guttman, M / Hong, E	TR 13:00 - 14:25 W 15:00 - 15:55	119 KRK 101 KRK	
			02	Guttman, M / Hong, E	TR 13:00 - 14:25 R 19:00 - 19:55	119 KRK 101 KRK	
			03	Guttman, M / Hong, E	TR 13:00 - 14:25	119 KRK	
					F 14:00 - 14:55	152 BRN	
Bi 022	+	Undergraduate Research	01	Chan, D	A	A	P
			02	Quartz, S	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOLOGY							
Bi 022	+	Undergraduate Research	03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Parker, C	A	A	P
			06	Arnold, F	A	A	P
			07	Baltimore, D	A	A	P
			08	Sternberg, P	A	A	P
			09	Lester, H	A	A	P
			10	Bjorkman, P	A	A	P
			11	Bronner Hansen, M	A	A	P
			12	Leadbetter, J	A	A	P
			13	Adolphs, R	A	A	P
			14	Shapiro, M	A	A	P
			15	Rothenberg, E	A	A	P
			16	Hay, B	A	A	P
			18	Shan, S	A	A	P
			19	Campbell, J	A	A	P
			20	Clemons, W	A	A	P
			21	Stevenson, D	A	A	P
			22	Orphan, V	A	A	P
			23	Varshavsky, A	A	A	P
			24	Meyerowitz, E	A	A	P
			26	Winfrey, E	A	A	P
			27	Mazmanian, S	A	A	P
			28	Tirrell, D	A	A	P
			29	Shimojo, S	A	A	P
			30	Wold, B	A	A	P
			31	Sternberg, P	A	A	P
			32	Kennedy, M	A	A	P
			33	Newman, D	A	A	P
			34	Hsiao, E	A	A	P
			35	Gradinaru, V	A	A	P
			36	Peter Lashgari Faghani, I	A	A	P
			40	Goddard, W	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOLOGY							
Bi 090B	+	Undergraduate Thesis	06	Anderson, D / Bjorkman, P	A	A	P
			07	Wold, B / Bjorkman, P	A	A	P
			09	Allman, J / Bjorkman, P	A	A	P
			11	Rangel, A / Bjorkman, P	A	A	P
			13	Davis, M / Bjorkman, P	A	A	P
			14	Baltimore, D / Bjorkman, P	A	A	P
			15	Rothenberg, E / Bjorkman, P	A	A	P
			16	Hassibi, B / Bjorkman, P	A	A	P
			17	Bjorkman, P	A	A	P
CNS/SS/Psy/Bi 102A	3-0-6	Brains, Minds, and Society	01	Adolphs, R / O'Doherty, J	MW 14:30 - 15:55	100 - Rock Auditorium BRD	
Bi/Ch 111	4-0-8	Biochemistry of Gene Expression	01	Campbell, J / Parker, C	TR 11:00 - 11:55	147 NYS	
Bi 114	3-0-6	Immunology	01	Mazmanian, S / Bjorkman, P	MW 13:30 - 14:55	200 BRD	
Bi 117	3-0-6	Developmental Biology	01	Bronner Hansen, M	TR 13:00 - 14:25 F 19:00 - 19:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD	
Bi 118	3-0-6	Morphogenesis of Developmental Systems	01	Stathopoulos, A	TR 14:30 - 15:55	200 BRD	
Bi/BE 129	3-0-6	The Biology and Treatment of Cancer	01	Zinn, K	MWF 10:00 - 10:55	100 - Rock Auditorium BRD	
Bi 145B	3-0-6	Tissue and Organ Physiology	01	Tydell, C	TR 19:00 - 20:25	152 BRN	
Bi/NB/BE 155	3-0-3	Neuropharmacology	01	Lester, H	MW 09:00 - 10:25	101 KRK	G
ESE/Bi 168	3-0-6	Microbial Metabolic Diversity	01	Newman, D	M 11:00 - 11:55 WF 11:00 - 11:55	215 NMD 212 NMD	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOLOGY							
BMB/Bi/Ch 173	3-0-6	Biophysical/Structural Methods	01	Clemons, W / Jensen, G	TR 10:30 - 11:55	115 BCK	G
Bi/BE 177	3-0-6	Principles of Modern Microscopy	01	Collazo, A	TR 10:30 - 11:55	200 BRD	
Bi/BE/CS 183	3-0-6	Introduction to Computational Biology and Bioinformatics	01	Grosse, I	T 13:00 - 14:25 R 09:00 - 10:25	B180 BBB B180 BBB	
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	105 ANB	G
Bi 199	3-0-3	Introduction to MATLAB for Biologists	01	Kennedy, M	TR 13:00 - 14:25	100 PWL/BTH	
Bi/CNS/NB 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>course cancelled</i>	01	Staff	A	A	
Ge/Bi/ESE 246	2-0-4	Molecular Geobiology Seminar	01	Orphan, V	A	A	P
CNS/Bi/NB 247	2-0-4	Cerebral Cortex	01	Andersen, R	TR 13:00 - 13:55	330 BBB	
Bi/BMB 251B	+	Current Research in Cellular and Molecular Biology <i>meets Wednesdays noon-1pm in BBB B180</i>	01	Hay, B	A	A	P
CNS/Bi 286B	3-0-6	Special Topics in Computation and Neural System: Geometry of Neuroscience <i>offered concurrently with Ma 191B, section 3</i>	01	Marcolli, M / Tsao, D	TR 10:30 - 11:55	151 SLN	P
Bi 299	+	Graduate Research	01	Stathopoulos, A	A	A	P
			02	Lester, H	A	A	P
			03	Allman, J	A	A	P
			04	Andersen, R	A	A	P
			05	Anderson, D	A	A	P
			06	Varshavsky, A	A	A	P
			07	Mazmanian, S	A	A	P
			08	Baltimore, D	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOLOGY							
Bi 299	+	Graduate Research	09	Pachter, L	A	A	P
			10	Bjorkman, P	A	A	P
			11	Bronner Hansen, M	A	A	P
			12	Campbell, J	A	A	P
			13	Chan, D	A	A	P
			14	Thomson, M	A	A	P
			15	Deshaies, R	A	A	P
			16	Dickinson, M	A	A	P
			17	Clemons, W	A	A	P
			18	Dunphy, W	A	A	P
			20	Goddard, W	A	A	P
			21	Hay, B	A	A	P
			22	Kennedy, M	A	A	P
			23	Scherer, A	A	A	P
			24	Orphan, V	A	A	P
			25	Arnold, F	A	A	P
			26	Pierce, N	A	A	P
			27	Tsao, D	A	A	P
			28	Mayo, S	A	A	P
			29	Meyerowitz, E	A	A	P
			30	Newman, D	A	A	P
			31	Guo, C	A	A	P
			32	Lois, C	A	A	P
			33	Gharib, M	A	A	P
			34	Kirschvink, J	A	A	P
			35	Hsieh-Wilson, L	A	A	P
			36	Shan, S	A	A	P
			37	Rothenberg, E	A	A	P
			38	Elowitz, M	A	A	P
			39	Guttman, M	A	A	P
			40	Shimojo, S	A	A	P
			41	Phillips, R	A	A	P
			42	Sternberg, P	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BIOLOGY							
Bi 299	+	Graduate Research	43	Cai, L	A	A	P
			44	Goentoro, L	A	A	P
			45	Winfree, E	A	A	P
			46	Wold, B	A	A	P
			47	Jensen, G	A	A	P
			48	Heath, J	A	A	P
			49	Zinn, K	A	A	P
			50	Leadbetter, J	A	A	P
			51	Elowitz, M	A	A	P
			52	Prober, D	A	A	P
			53	Adolphs, R	A	A	P
			54	Aravin, A	A	A	P
			55	Dougherty, D	A	A	P
			56	Tai, Y	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Burdick, J	A	A	P
			59	Meister, M	A	A	P
			60	Siapas, A	A	A	P
			61	Murray, R	A	A	P
			62	Gradinaru, V	A	A	P
63	Qian, L	A	A	P			
64	Oka, Y	A	A	P			
65	Hsiao, E	A	A	P			
66	Shapiro, M	A	A	P			
67	Hong, E	A	A	P			
68	Ismagilov, R	A	A	P			
69	Phillips, R	A	A	P			
BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Cvitanic, J	A	A	P
			02	Pickar, K	A	A	P
			03	Gillen, B	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM104	3-0-6	Investments <i>Maximum enrollment: 40 students</i>	01	Gillen, B	T 19:00 - 21:55	B125 BAX	
BEM109	3-0-6	Fixed-Income and Credit-Risk Derivatives	01	Cvitanic, J	MW 14:30 - 15:55	128 BAX	
BEM110	3-0-6	Venture Capital	01	Ewens, M	MW 09:00 - 10:25	B125 BAX	G
CHEMICAL ENGINEERING							
ChE010	1-0-0	Introduction to Chemical Engineering	01	Flagan, R	T 12:00 - 12:55	153 NYS	P
ChE015	0-5-4	Introduction to Chemical Engineering Computation	01	Flagan, R	TR 09:30 - 11:55	121 BCK	
ChE063A	3-0-6	Chemical Engineering Thermodynamics	01	Tirrell, D	MWF 14:00 - 14:55	106 SPL	
ChE080	+	Undergraduate Research	01	Arnold, F	A	A	P
			02	Giapis, K	A	A	P
			03	Kornfield, J	A	A	P
			04	Haile, S	A	A	P
			05	Ismagilov, R	A	A	P
			06	Lewis, N	A	A	P
			07	Davis, M	A	A	P
			08	Grubbs, R	A	A	P
			09	Shapiro, M	A	A	P
			10	Goddard, W	A	A	P
			11	Hoelz, A	A	A	P
			13	Flagan, R	A	A	P
			14	Gavalas, G	A	A	P
			15	Shapiro, M	A	A	P
			34	Seinfeld, J	A	A	P
			36	Tirrell, D	A	A	P
			37	Heath, J	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
CHEMICAL ENGINEERING										
ChE090A	+	Senior Thesis	01	Heath, J	A	A	P			
			02	Giapis, K	A	A	P			
			03	Seinfeld, J	A	A	P			
			04	Tirrell, D	A	A	P			
			06	Flagan, R	A	A	P			
			07	Gavalas, G	A	A	P			
			08	Kornfield, J	A	A	P			
			09	Davis, M	A	A	P			
			10	Haile, S	A	A	P			
			11	Wang, Z	A	A	P			
			13	Brady, J	A	A	P			
			14	Greer, J	A	A	P			
			15	Cai, L / Arnold, F	A	A	P			
			16	Grubbs, R	A	A	P			
			17	Fu, G	A	A	P			
			18	Atwater, H	A	A	P			
			ChE090B	0-4-5	Senior Thesis	01	Giapis, K	A	A	
						03	Kornfield, J	A	A	
04	Arnold, F	A				A				
05	Lewis, N	A				A				
06	Flagan, R	A				A				
08	Mayo, S	A				A				
09	Ismagilov, R	A				A				
10	Seinfeld, J	A				A				
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	320 BRN	G			
ChE101	3-0-6	Chemical Reaction Engineering	01	Arnold, F	TR 13:00 - 14:25	106 SPL				
ChE103B	3-0-6	Transport Phenomena	01	Shapiro, M	MWF 10:00 - 10:55	106 SPL				

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMICAL ENGINEERING							
ChE/BE/MedE 112	3-0-6	Design, Invention, and Fundamentals of Microfluidic Systems <i>Maximum enrollment: 20 students</i>	01	Ismagilov, R	TR 13:00 - 14:25	102 SPL	
ChE118	3-0-6	Introduction to the Design of Chemical Systems	01	Vicic, M	MWF 15:00 - 15:55	102 SPL	G
ChE128	1-6-2	Chemical Engineering Design Laboratory	01	Vicic, M / Giapis, K	M 12:00 - 12:55 WF 09:00 - 11:55	113 SPL 122 SPL	G
Ch/ChE 140A	3-0-6	Principles and Applications of Semiconductor Photoelectrochemistry	01	Lewerenz, H	TR 13:00 - 14:25	115 BCK	
ChE151A	3-0-9	Physical and Chemical Rate Processes	01	Brady, J	MWF 09:00 - 09:55	102 SPL	G
ESE/ChE 158	3-0-6	Aerosol Physics and Chemistry	01	Seinfeld, J	TR 14:30 - 15:55	102 SPL	
ChE/Ch 164	3-0-6	Introduction to Statistical Thermodynamics	01	Wang, Z / Miller, T	TR 10:30 - 11:55	106 SPL	
ChE/BE/MedE 188	3-0-6	Molecular Imaging	01	Shapiro, M	W 19:00 - 21:55	118 SCH	
ChE190	3-0-6	Special Problems in Chemical Engineering: Fundamentals of Sustainability Science and Engineering <i>taught concurrently with ESE100 and MS 150</i>	01	Kornfield, J / Diallo, M	TR 11:30 - 12:55	113 SPL	
ChE280	+	Chemical Engineering Research	01 02 03 04 05 06 07 08 09	Arnold, F Murray, R Haile, S Stoltz, B Pierce, N Dougherty, D Brady, J Atwater, H Elowitz, M	A A A A A A A A A	A A A A A A A A A	P P P P P P P P P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	10	Davis, M	A	A	P
			11	Greer, J	A	A	P
			12	Fultz, B	A	A	P
			13	Flagan, R	A	A	P
			15	Fultz, B	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			18	Miller, T	A	A	P
			19	Shapiro, M	A	A	P
			21	Kornfield, J	A	A	P
			23	Lewis, N	A	A	P
			36	Tirrell, D	A	A	P
			37	Wang, Z	A	A	P
			40	Seinfeld, J	A	A	P
			41	Heath, J	A	A	P
			46	Ismagilov, R	A	A	P
47	Guttman, M	A	A	P			
CHEMISTRY							
Ch 001B	4-0-5	General Chemistry <i>Maximum Enrollment: 25 students per section</i>	01	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 151 CRL	P
			02	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 119 KRK	P
			03	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 119 KRK	P
			04	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 147 NYS	P
			05	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 151 CRL	P
			06	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 19:00 - 19:55	Lecture Hall BAX 153 NYS	P
			07	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX B127 GCL	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMISTRY							
Ch 001B	4-0-5	General Chemistry <i>Maximum Enrollment: 25 students per section</i>	08	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 115 BCK	P
			09	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 119 DWN	P
			10	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 13:00 - 13:55	Lecture Hall BAX B127 GCL	P
			11	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 22:00 - 22:55	Lecture Hall BAX B127 GCL	P
			12	Miller, T / Reisman, S	MTR 11:00 - 11:55 W 19:00 - 19:55	Lecture Hall BAX 151 CRL	P
			Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section//Section 3 reserved for freshmen//class will meet in GCL B 122 on Friday, Feb 17th</i>	01	Mendez, J
02	Mendez, J	F 13:00 - 13:55 T 13:00 - 15:55				153 NYS 107 MEAD	P
03	Mendez, J	F 13:00 - 13:55 T 19:30 - 22:25				153 NYS 107 MEAD	P
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Maximum Enrollment: 20 students per section</i>	01	Mendez, J	F 09:00 - 09:55 W 12:00 - 14:55	151 CRL 107 MEAD	P
			02	Mendez, J	F 09:00 - 09:55 R 08:00 - 10:55	151 CRL 107 MEAD	P
Ch 004A	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds <i>The instructor will contact the students by email before the start of the term to assign two lab sections. //Lab sections available Tuesday 8-11 and 1-4, and Thursday 8-11am and 1-4pm.</i>	01	Mendez, J	F 11:00 - 11:55	147 NYS	
Ch 005A	1-9-2	Advanced Techniques of Synthesis and Analysis <i>Lab times available MF 8am-5pm and W 1-5pm</i>	01	Grubbs, R	A	MEAD	
Ch 006A	1-6-3	Physical and Biophysical Chemistry Laboratory	01	Weitekamp, D	F 14:50 - 15:55	151 CRL	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMISTRY							
Ch 010B	2-0-1	Frontiers in Chemistry <i>Lab Hours TBA</i>	01	Dervan, P / Hoelz, A	R 12:00 - 12:55	147 NYS	P
Ch 021B	3-0-6	Physical Chemistry	01	Cai, L	MWF 13:00 - 13:55	147 NYS	G
Ch 024	3-0-6	Introduction to Biophysical Chemistry: Spectroscopy	01	Heath, J	TR 14:30 - 15:55	B116 NYS	
Ch 041B	3-0-6	Organic Chemistry <i>class will meet in GCL B 122 on Friday, Feb 17th</i>	01	Hsieh-Wilson, L	MWF 09:00 - 09:55	153 NYS	
Ch 080	+	Chemical Research	01	Dervan, P	A	A	P
			02	Hsieh-Wilson, L	A	A	P
			03	Barton, J	A	A	P
			04	Beauchamp, J	A	A	P
			05	Grubbs, R	A	A	P
			06	Goddard, W	A	A	P
			07	Marcus, R	A	A	P
			08	Shan, S	A	A	P
			09	Bercaw, J	A	A	P
			10	Heath, J	A	A	P
			11	Agapie, T	A	A	P
			12	Davis, M	A	A	P
			13	Chan, G	A	A	P
			14	Shapiro, M	A	A	P
			15	Arnold, F	A	A	P
			16	Haile, S	A	A	P
			17	Gray, H	A	A	P
			20	Kornfield, J	A	A	P
			21	Rossmann, G	A	A	P
			27	Okumura, M	A	A	P
			29	Peters, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMISTRY							
Ch 080	+	Chemical Research	37	Reisman, S	A	A	P
			38	Weitekamp, D	A	A	P
			39	Lewis, N	A	A	P
			40	Rees, D	A	A	P
			41	Hoelz, A	A	A	P
			42	Fu, G	A	A	P
			43	Dougherty, D	A	A	P
			44	Hoffmann, M	A	A	P
			45	Holst, M	A	A	P
			46	Clemons, W	A	A	P
Ch 081	+	Independent Reading in Chemistry	02	Reisman, S	A	A	P
			03	Hoelz, A	A	A	P
			04	Gray, H	A	A	P
			06	Goddard, W	A	A	P
			22	Lewis, N	A	A	P
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	01	Rees, D / Okumura, M	A	A	P
			02	Shapiro, M / Okumura, M	A	A	P
			03	Hoelz, A / Okumura, M	A	A	P
			04	Grubbs, R / Okumura, M	A	A	P
			05	Agapie, T / Okumura, M	A	A	P
			06	Peters, J / Okumura, M	A	A	P
			07	Tirrell, D / Okumura, M	A	A	P
			08	Stoltz, B / Okumura, M	A	A	P
			09	Gray, H / Okumura, M	A	A	P
Ch 090	2-0-1	Oral Presentation	01	Bikle, K	T 09:00 - 10:55	151 CRL	P
			02	Bikle, K	W 10:00 - 11:55	151 CRL	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	320 BRN	G
Bi/Ch 111	4-0-8	Biochemistry of Gene Expression	01	Campbell, J / Parker, C	TR 11:00 - 11:55	147 NYS	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMISTRY							
Ch 117	3-0-6	Introduction to Electrochemistry	01	Lewis, N	OM,W 14:00 - 14:55	216 NYS	
Ch 120B	1-1-7	Nature of the Chemical Bond	01	Goddard, W	W 15:00 - 15:55	115 BCK	
Ch 121A	3-0-6	Atomic-Level Simulations of Materials and Molecules	01	Goddard, W	MWF 14:00 - 14:55	115 BCK	
Ch 135	3-0-6	Chemical Dynamics <i>class cancelled</i>	01	Staff	A	A	
Ch/ChE 140A	3-0-6	Principles and Applications of Semiconductor Photoelectrochemistry	01	Lewerenz, H	TR 13:00 - 14:25	115 BCK	
Ch 144A	3-0-6	Advanced Organic Chemistry <i>class will meet in 151 CRL on Jan 19, Feb 7, and March 7</i>	01	Dougherty, D	TR 14:30 - 15:55	101 SCH	
Ch 153A	3-0-6	Advanced Inorganic Chemistry	01	Gray, H / Winkler, J	F 10:00 - 11:55	115 BCK	
Ch 154A	3-0-6	Organometallic Chemistry	01	Peters, J	TR 13:00 - 14:25	147 NYS	
ChE/Ch 164	3-0-6	Introduction to Statistical Thermodynamics	01	Wang, Z / Miller, T	TR 10:30 - 11:55	106 SPL	
BMB/Bi/Ch 173	3-0-6	Biophysical/Structural Methods	01	Clemons, W / Jensen, G	TR 10:30 - 11:55	115 BCK	G
ESE/Ch 175	3-0-6	Physical Inorganic Chemistry of Natural Waters	01	Hoffmann, M	MWF 10:00 - 10:55	135 L+R	
Ch 180	+	Chemical Research	01 02 03 04	Agapie, T Gray, H Giapis, K Goddard, W	A A A A	A A A A	P P P P
Ch 182	+	Senior Thesis Research <i>9 units per term</i>	01	Staff	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMISTRY							
BMB/Ch 202B	1-0-0	Biochemistry Seminar Course <i>To be held on Biochemistry Seminar days from 12-1pm (approx. 1-2 per month).</i>	01	Clemons, W	A	A	P
Ch 213B	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	G
Ch 242B	3-0-6	Chemical Synthesis	01	Reisman, S	MW 09:00 - 09:55 F 08:00 - 09:55	147 NYS 147 NYS	
Ch 251	3-0-6	Advanced Topics in Chemical Biology	01	Dervan, P	TR 13:00 - 14:25	101 SCH	
Ch 280	+	Chemical Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Barton, J	A	A	P
			04	Beauchamp, J	A	A	P
			05	Bercaw, J	A	A	P
			06	Blake, G	A	A	P
			07	Chan, G	A	A	P
			08	Cai, L	A	A	P
			09	Fu, G	A	A	P
			10	Davis, M	A	A	P
			11	Dervan, P	A	A	P
			12	Dougherty, D	A	A	P
			13	Goentoro, L	A	A	P
			14	Miller, T	A	A	P
			15	Reisman, S	A	A	P
			16	Goddard, W	A	A	P
			17	Gray, H	A	A	P
			18	Grubbs, R	A	A	P
			19	Hsieh-Wilson, L	A	A	P
			20	Kornfield, J	A	A	P
			21	Wang, Z	A	A	P
			22	Lewis, N	A	A	P
			23	Atwater, H	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CHEMISTRY							
Ch 280	+	Chemical Research	24	Marcus, R	A	A	P
			25	Mayo, S	A	A	P
			26	Clemons, W	A	A	P
			27	Okumura, M	A	A	P
			28	Ismagilov, R	A	A	P
			29	Peters, J	A	A	P
			30	Rees, D	A	A	P
			31	Haile, S	A	A	P
			32	Sternberg, P	A	A	P
			33	Newman, D	A	A	P
			34	Seinfeld, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P
			37	Ondrus, A	A	A	P
			38	Weitekamp, D	A	A	P
			39	Blanquart, G	A	A	P
			40	Greer, J	A	A	P
			41	Atwater, H	A	A	P
			43	Campbell, J	A	A	P
			44	Pierce, N	A	A	P
			46	Wennberg, P	A	A	P
			47	Heath, J	A	A	P
			49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Hoelz, A	A	A	P
52	Deshaies, R	A	A	P			
53	Shapiro, M	A	A	P			
54	Jensen, G	A	A	P			
55	Adkins, J	A	A	P			
CIVIL ENGINEERING							
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Austin, J	MWF 10:00 - 10:55	133 GUG	G

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
CIVIL ENGINEERING							
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	135 GTL	
AM/CE/ME 150B	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
AM/CE 151B	3-0-6	Dynamics and Vibrations <i>taught concurrently with Ae/AM/ME 255, section 1</i>	01	Daraio, C	MWF 10:00 - 10:55	135 GTL	G
CE 181A	3-0-6	Engineering Seismology <i>course cancelled</i>	01	Staff	A	A	P
CE 200	+	Advanced Work in Civil Engineering <i>Class meets Tuesdays 10:30-noon and Fridays 11-12:30 in 211 KSP</i>	01	Hall, J	A A	A A	P
Ae/AM/CE/ME 214B	3-0-6	Computational Solid Mechanics	01	Kochmann, D	TR 14:30 - 15:55	133 GUG	
CE 300	+	Research in Civil Engineering	01 02 03 04 05 06	Asimaki, D Hall, J Beck, J Heaton, T Lapusta, N Andrade, J	A A A A A A	A A A A A A	P P P P P P
COMPUTATION & NEURAL SYS							
CNS/SS/Psy/Bi 102A	3-0-6	Brains, Minds, and Society	01	Adolphs, R / O'Doherty, J	MW 14:30 - 15:55	100 - Rock Auditorium BRD	
CMS/CS/CNS/EE 155	3-3-6	Machine Learning Data Mining	01	Yue, Y	TR 14:30 - 15:55	105 ANB	
CNS180	+	Research in Computation and Neural Systems	01 02 03 04 05	Burdick, J Murray, R Perona, P Fraser, S Oka, Y	A A A A A	A A A A A	P P P P P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
COMPUTATION & NEURAL SYS										
CNS180	+	Research in Computation and Neural Systems	06	Hoffmann, M	A	A	P			
			07	Allman, J	A	A	P			
			08	Lester, H	A	A	P			
			09	Hong, E	A	A	P			
			10	Pachter, L	A	A	P			
			11	Murray, R	A	A	P			
			12	Allman, J	A	A	P			
			13	Gradinaru, V	A	A	P			
			14	Shimojo, S	A	A	P			
			15	Tsao, D	A	A	P			
			16	Wold, B	A	A	P			
			17	Winfree, E	A	A	P			
			18	Rangel, A	A	A	P			
			19	Siapas, A	A	A	P			
			20	Prober, D	A	A	P			
			21	Patterson, P	A	A	P			
			22	Andersen, R	A	A	P			
			23	Elowitz, M	A	A	P			
			24	Anderson, D	A	A	P			
			25	Adolphs, R	A	A	P			
			26	Kennedy, M	A	A	P			
			27	Quartz, S	A	A	P			
			28	O'Doherty, J	A	A	P			
			29	Camerer, C	A	A	P			
			30	Meister, M	A	A	P			
			31	Shapiro, M	A	A	P			
			32	Yue, Y	A	A	P			
			BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	105 ANB	G
			Bi/CNS/NB 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>course cancelled</i>	01	Staff	A	A	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
COMPUTATION & NEURAL SYS							
CNS/Bi/NB 247	2-0-4	Cerebral Cortex	01	Andersen, R	TR 13:00 - 13:55	330 BBB	
CNS/SS 251	2-1-6	Human Brain Mapping: Theory and Practice <i>Maximum enrollment: 20 students</i>	01	O'Doherty, J	R 13:30 - 15:25	B167 BRD	G
CNS280	+	Research in Computation and Neural Systems	01	Meister, M	A	A	P
			02	Elowitz, M	A	A	P
			03	Andersen, R	A	A	P
			04	Oka, Y	A	A	P
			05	Winfree, E	A	A	P
			06	Siapas, A	A	A	P
			07	Quartz, S	A	A	P
			08	Adolphs, R	A	A	P
			09	Murray, R	A	A	P
			10	Tsao, D	A	A	P
			11	Konishi, M	A	A	P
			12	Scherer, A	A	A	P
			13	Camerer, C	A	A	P
			14	Sternberg, P	A	A	P
			15	Perona, P	A	A	P
			16	Allman, J	A	A	P
			17	Gradinaru, V	A	A	P
			18	Pachter, L	A	A	P
			19	Bruck, J	A	A	P
			20	Burdick, J	A	A	P
			21	Shimojo, S	A	A	P
			22	Lester, H	A	A	P
			23	Wold, B	A	A	P
			24	Dickinson, M	A	A	P
			25	Hoffmann, M	A	A	P
			26	Rangel, A	A	A	P
			28	O'Doherty, J	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
COMPUTATION & NEURAL SYS							
SS/Psy/CNS 285	3-0-0	Topics in Social, Cognitive, and Decision Sciences <i>open to undergraduates with instructor approval</i>	01	Adolphs, R / Alvarez, R	M 19:00 - 20:55	125 BAX	P
CNS/Bi 286B	3-0-6	Special Topics in Computation and Neural System: Geometry of Neuroscience <i>offered concurrently with Ma 191B, section 3</i>	01	Marcolli, M / Tsao, D	TR 10:30 - 11:55	151 SLN	P
COMPUTER SCIENCE							
CS 002	2-6-1	Introduction to Programming Methods <i>Section 1: C++ // Section 2: Python</i>	01	Barr, A / Desbrun, M / Libeskind-Hadas, R	MWF 14:00 - 14:55	105 ANB	P
			02	Libeskind-Hadas, R / Barr, A / Desbrun, M	MWF 14:00 - 14:55	107 ANB	P
CS 004	3-4-2	Fundamentals of Computer Programming	01	Vanier, M	MWF 15:00 - 15:55	105 ANB	G
Ma/CS 006B	3-0-6	Introduction to Discrete Mathematics	01	Sheffer, A	MWF 13:00 - 13:55	151 SLN	
CS 011	0-3-0	Computer Language Lab <i>CS 1 or instructor's permission is required.</i>	01	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
CS 021	3-0-6	Decidability and Tractability	01	Umans, C	MWF 13:00 - 13:55	105 ANB	G
EE/CS 052A	3-0-6	Microprocessor Systems Laboratory	01	George, G	MWF 15:00 - 15:55	B270 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:00 - 16:55	B270 MRE	
CS 080B	+	Undergraduate Thesis	01	Chandy, K	A	A	P
			02	Wierman, A	A	A	P
			03	Schroeder, P	A	A	P
			04	Winfree, E	A	A	P
			05	Barr, A	A	A	P
			06	Murray, R	A	A	P
			07		A	A	P
			08	Yue, Y	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
COMPUTER SCIENCE							
CS 080B	+	Undergraduate Thesis	09	Perona, P	A	A	P
			10	Umans, C	A	A	P
			11	Schulman, L	A	A	P
			12	Desbrun, M	A	A	P
			13	Bruck, J	A	A	P
CS 081B	+	Undergraduate Projects in Computer Science	01	Pinkston, D	A	A	P
			02	Winfree, E	A	A	P
			03	Barr, A	A	A	P
			04	Chandy, K	A	A	P
			05	Mahabal, A	A	A	P
			06	Wierman, A	A	A	P
			07	Desbrun, M	A	A	P
			08	Rangel, A	A	A	P
			09	Vanier, M	A	A	P
			10	Perona, P	A	A	P
			11	Murray, R	A	A	P
			12	Adolphs, R	A	A	P
			13	Umans, C	A	A	P
			14	Burdick, J	A	A	P
			15	Low, S	A	A	P
			16	Plott, C	A	A	P
			17	Yue, Y	A	A	P
			18	Hassibi, B	A	A	P
			19	Djorgovski, S	A	A	P
			20	Schroeder, P	A	A	P
			21	Alvarez, R	A	A	P
			22	Stalzer, M	A	A	P
			23	Ralph, C	A	A	P
			24	George, G	A	A	P
			25	Vidick, T	A	A	P
			26	Schulman, L	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
COMPUTER SCIENCE										
CS 090	+	Undergraduate Reading in Computer Science	01	Abu-Mostafa, Y	A	A	P			
			02	Low, S	A	A	P			
			04	Schroeder, P	A	A	P			
			05	Winfree, E	A	A	P			
			06	Umans, C	A	A	P			
			07	Desbrun, M	A	A	P			
			08	Barr, A	A	A	P			
			10	Perona, P	A	A	P			
			11	Chandy, K	A	A	P			
			13	Murray, R	A	A	P			
			14	Wierman, A	A	A	P			
			15	Vanier, M	A	A	P			
			16	Yue, Y	A	A	P			
			17	Ralph, C	A	A	P			
			CS 102B	+	Seminar in Computer Science	01	Staff	A	A	
			CS 103B	+	Reading in Computer Science	01	Winfree, E	A	A	P
			CS 111	0-3-0	Programming Practicum	01	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
Ma/CS 117B	3-0-6	Computability Theory	01	Lupini, M	TR 13:00 - 14:25	159 SLN				
CS 118	3-3-3	Logic Model Checking for Formal Software Verification	01	Holzmann, G	TR 13:00 - 14:25	106 ANB				
CS 122	3-3-3	Database System Implementation	01	Pinkston, D	TR 10:30 - 11:55	107 ANB				
CS 124	3-6-3	Operating Systems	01	Pinkston, D	MWF 11:00 - 11:55	105 ANB				
EE/Ma/CS 126B	3-0-6	Information Theory <i>Make-up classes - Friday 080 Moore 10:30-</i>	01	Effros, M	MW 10:30 - 11:55	B280 MRE	G			

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
COMPUTER SCIENCE							
EE/Ma/CS 127	3-0-6	Error-Correcting Codes	01	Kostina, V	TR 14:30 - 15:55	B280 MRE	
ME/CS 132A	3-6-0	Advanced Robotics: Navigation and Vision	01	Burdick, J	W 19:30 - 21:25 F 12:00 - 12:55	135 GTL 135 GTL	G
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	243 ANB	
CMS/CS 139	3-0-9	Analysis and Design of Algorithms	01	Vidick, T	TR 09:00 - 10:25	213 ANB	
CMS/CS/EE 144	3-3-6	Networks: Structure Economics	01	Wierman, A	MWF 09:00 - 10:25	105 ANB	
CS/SS/EC 149	3-0-6	Introduction to Algorithmic Economics	01	Echenique, F / Pomatto, L	MWF 10:00 - 10:55	125 BAX	G
CMS/CS/CNS/EE 155	3-3-6	Machine Learning Data Mining	01	Yue, Y	TR 14:30 - 15:55	105 ANB	
ACM/CS 157	3-2-4	Introduction to Statistical Inference	01	Zuev, K	MW 14:30 - 15:55	107 DWN	
CS 177B	3-3-3	Discrete Differential Geometry: Theory and Applications	01	Schroeder, P	TR 10:30 - 11:55	314 ANB	
CS 180	+	Master's Thesis Research	01	Abu-Mostafa, Y	A	A	P
			02	Umans, C	A	A	P
			04	Chandy, K	A	A	P
			05	Desbrun, M	A	A	P
			06	Kitaev, A	A	A	P
			07	Low, S	A	A	P
			08	Martin, A	A	A	P
			09	Yariv, A	A	A	P
			10	Barr, A	A	A	P
			11	Schroeder, P	A	A	P
			12	Wierman, A	A	A	P
			13	Winfrey, E	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
COMPUTER SCIENCE							
CS 180	+	Master's Thesis Research	14	Wold, B	A	A	P
			15	Krause, R	A	A	P
			17	Perona, P	A	A	P
			18	Ligett, K	A	A	P
Bi/BE/CS 183	3-0-6	Introduction to Computational Biology and Bioinformatics	01	Grosse, I	T 13:00 - 14:25 R 09:00 - 10:25	B180 BBB B180 BBB	
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	105 ANB	G
BE/CS 196A	3-6-3	Design and Construction of Programmable Molecular Systems	01	Qian, L	TR 13:00 - 14:25	111 KCK	
Ph/CS 219B	3-0-6	Quantum Computation	01	Kitaev, A / Preskill, J	MW 14:30 - 15:55	269 LAU	P
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Umans, C	A	A	P
			03	Barr, A	A	A	P
			04	Chandy, K	A	A	P
			05	Desbrun, M	A	A	P
			06	Cvitanić, J	A	A	P
			07	Winfree, E	A	A	P
			08	Low, S	A	A	P
			09	Martin, A	A	A	P
			10	Winfree, E	A	A	P
			11	Perona, P	A	A	P
			12	Schroeder, P	A	A	P
			13	Chandrasekaran, V	A	A	P
			14	Kitaev, A	A	A	P
			15	Wierman, A	A	A	P
			16	Ligett, K	A	A	P
			17	Doyle, J	A	A	P
			18	Murray, R	A	A	P
			19	Vidick, T	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
COMPUTER SCIENCE							
CS 280	+	Research in Computer Science	20	Yue, Y	A	A	P
CS 282B	+	Reading in Computer Science	01	Schulman, L	A	A	P
CS 286B	3-0-0	Seminar In Computer Science	01	Staff	A	A	P
COMPUTING AND MATHEMATICAL SCIENCES							
CMS/CS 139	3-0-9	Analysis and Design of Algorithms	01	Vidick, T	TR 09:00 - 10:25	213 ANB	
CMS/CS/EE 144	3-3-6	Networks: Structure Economics	01	Wierman, A	MWF 09:00 - 10:25	105 ANB	
CMS/CS/CNS/EE 155	3-3-6	Machine Learning Data Mining	01	Yue, Y	TR 14:30 - 15:55	105 ANB	
CMS290B	1-0-0	Computing and Mathematical Sciences Colloquium	01	Chandrasekaran, V	M 16:00 - 16:55	105 ANB	P
CMS300	+	Research in Computing and Mathematical Sciences	01	Wierman, A	A	A	P
			02	Vidick, T	A	A	P
			03	Beck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Doyle, J	A	A	P
			06	Murray, R	A	A	P
			07	Owhadi, H	A	A	P
			08	Barr, A	A	A	P
			09	Chandrasekaran, V	A	A	P
			10	Desbrun, M	A	A	P
			11	Low, S	A	A	P
			12	Perona, P	A	A	P
			13	Schroeder, P	A	A	P
			14	Schulman, L	A	A	P
			15	Umans, C	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
COMPUTING AND MATHEMATICAL SCIENCES										
CMS300	+	Research in Computing and Mathematical Sciences	16	Winfree, E	A	A	P			
			17	Yue, Y	A	A	P			
CONTROL & DYNAMICAL SYSTEMS										
CDS090B	0-0-9	Senior Thesis in Control & Dynamical Systems	01	Murray, R	A	A	G			
CDS112	3-2-4	Control System Design <i>co-taught with CDS212</i>	01	Doyle, J	TR 13:00 - 14:25	213 ANB	P			
CDS190	+	Independent Work in Control and Dynamical Systems	01	Staff	A	A	P			
CDS212	3-2-4	Introduction to Modern Control <i>co-taught with CDS112</i>	01	Doyle, J	TR 13:00 - 14:25	213 ANB	P			
CDS300B	+	Research in Control and Dynamical Systems	01	Burdick, J	A	A	P			
			02	Adolphs, R	A	A	P			
			03	Doyle, J	A	A	P			
			04	Owhadi, H	A	A	P			
			05	Siapas, A	A	A	P			
			06	Goentoro, L	A	A	P			
			07	Dickinson, M	A	A	P			
			08	Murray, R	A	A	P			
			11	Elowitz, M	A	A	P			
			12	Desbrun, M	A	A	P			
			13	Ortiz, M	A	A	P			
			14	Beck, J	A	A	P			
			ECONOMICS							
			Ec 011	3-2-4	Introduction to Economics	01	Rangel, A	TR 13:00 - 14:25	Lecture Hall BAX	
Ec 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P			

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ECONOMICS							
Ec 098B	+	Senior Research and Thesis <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
Ec 121B	3-0-6	Theory of Value <i>maximum enrollment: 15 students</i>	01	Saito, K	TR 10:30 - 11:55	127 BAX	G
Ec/SS 124	3-0-6	Identification Problems in the Social Sciences <i>maximum enrollment: 15 students</i>	01	Sherman, R	TR 13:00 - 14:25	128 BAX	
CS/SS/Ec 149	3-0-6	Introduction to Algorithmic Economics	01	Echenique, F / Pomatto, L	MWF 10:00 - 10:55	125 BAX	G
Ec/PS 160B	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260// Completion of Ec/PS 160A required for b and c classes //Max of 10 students for both Ec 160 & SS 260</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
PS/Ec 172	3-0-6	Game Theory	01	Tamuz, O	TR 14:30 - 15:55	B125 BAX	G
Ec 181	3-0-6	Convex Analysis and Economic Theory	01	Border, K	TR 10:30 - 11:55	228 BAX	G
ELECTRICAL ENGINEERING							
EE 001	1-0-0	Introduction to Electrical Engineering Seminar	01	Hajimiri, S	W 12:00 - 12:55	B270 MRE	P
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	WF 13:00 - 13:55	B270 MRE	P
EE 045	3-3-6	Electronics Laboratory	01	Emami, A	TR 09:00 - 10:25	B270 MRE	
EE/CS 052A	3-0-6	Microprocessor Systems Laboratory	01	George, G	MWF 15:00 - 15:55	B270 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:00 - 16:55	B270 MRE	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ELECTRICAL ENGINEERING							
EE 080B	+	Senior Thesis	01	Vaidyanathan, P	A	A	P
EE 091B	+	Experimental Projects in Electronic Circuits <i>Units by arrangement; 12 units minimum each term.</i>	01	Megdal, B	OM,R 16:00 - 16:55	B270 MRE	
EE 099	+	Advanced Work in Electrical Engineering	01	Scherer, A	A	A	P
			02	Perona, P	A	A	P
			03	George, G	A	A	P
			04	Atwater, H	A	A	P
			05	Murray, R	A	A	P
			06	Emami, A	A	A	P
			07	Gharib, M	A	A	P
			08	Low, S	A	A	P
			09	Yang, C	A	A	P
			10	Hajimiri, S	A	A	P
			11	Burdick, J	A	A	P
			12	Tai, Y	A	A	P
			13	Yariv, A	A	A	P
			14	Bruck, J	A	A	P
			15	Choo, H	A	A	P
			16	Hassibi, B	A	A	P
EE 105B	1-0-0	Electrical Engineering Seminar	01	Hajimiri, S	A	A	P
EE 112	3-0-6	Introduction to Digital Signal Processing	01	Vaidyanathan, P	TR 13:00 - 14:25	B270 MRE	
EE/MedE 114A	4-0-8	Analog Circuit Design	01	Pedroni, V	WF 10:00 - 11:55	B270 MRE	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	P
EE 119B	3-3-3	Advanced Digital Systems Design	01	George, G	MWF 14:00 - 14:55	B270 MRE	

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ELECTRICAL ENGINEERING							
EE 125	3-0-6	Digital Electronics and Design with FPGAs and VHDL <i>maximum enrollment 20 students with preference given to undergrads</i>	01	Pedroni, V	TR 09:00 - 10:25	107 ANB	
EE/Ma/CS 126B	3-0-6	Information Theory <i>Make-up classes - Friday 080 Moore 10:30-noon</i>	01	Effros, M	MW 10:30 - 11:55	B280 MRE	G
EE/Ma/CS 127	3-0-6	Error-Correcting Codes	01	Kostina, V	TR 14:30 - 15:55	B280 MRE	
EE/APh 131	3-0-6	Light Interaction with Atomic Systems - Lasers	01	Yariv, A	TR 09:00 - 10:25	170 WAT	
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	243 ANB	
CMS/CS/EE 144	3-3-6	Networks: Structure Economics	01	Wierman, A	MWF 09:00 - 10:25	105 ANB	
EE 150	0-0-0	Topics in Electrical Engineering <i>Section 1: Random Matrices (3-0-6 units) // Section 2: Electronics for Space Applications (2-3-4 units)</i>	01 02	Hassibi, B Klesh, A	MW 13:00 - 14:25 TR 13:00 - 13:55	B280 MRE B280 MRE	
CMS/CS/CNS/EE 155	3-3-6	Machine Learning Data Mining	01	Yue, Y	TR 14:30 - 15:55	105 ANB	
EE/Ae 157B	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	MW 14:30 - 15:55	314 ANB	
EE 163A	3-0-6	Communication Theory	01	Lahouti, F	MWF 15:00 - 15:55	B280 MRE	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Bois, J	TR 10:30 - 11:55	108 KCK	
EE 291	+	Advanced Work in Electrical Engineering	01 02 03	Abu-Mostafa, Y Kostina, V Bruck, J	A A A	A A A	P P P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	04	Burdick, J	A	A	P
			05	Heath, J	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Vahala, K	A	A	P
			09	George, G	A	A	P
			10	Haile, S	A	A	P
			11	Hajimiri, S	A	A	P
			12	Hassibi, B	A	A	P
			13	Zmuidzinas, J	A	A	P
			14	Low, S	A	A	P
			15	McEliece, R	A	A	P
			16	Atwater, H	A	A	P
			17	Murray, R	A	A	P
			18	Perona, P	A	A	P
			19	Gharib, M	A	A	P
			20	Hoffmann, M	A	A	P
			21	Choo, H	A	A	P
			22	Phillips, R	A	A	P
			23	Cvitanić, J	A	A	P
			24	Quartz, S	A	A	P
			25	Rutledge, D	A	A	P
			26	Scherer, A	A	A	P
			27	Pellegrino, S	A	A	P
			28	Tai, Y	A	A	P
			29	Vaidyanathan, P	A	A	P
			30	Yariv, A	A	A	P
			31	Chandrasekaran, V	A	A	P
			32	Roukes, M	A	A	P
			33	Avouac, J	A	A	P
			34	Weinreb, S	A	A	P
			35	Hallinan, G	A	A	P
			36	Martin, A	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	37	Yang, C	A	A	P
			38	Emami, A	A	A	P
			39	Painter, O	A	A	P
			40	Faraon, A	A	A	P
			41	Lahouti, F	A	A	P
			42	Minnich, A	A	A	P
			43	Rees, D	A	A	P
			44	Yue, Y	A	A	P
			45	van Zyl, J	A	A	P
			46	Shapiro, M	A	A	P
ENERGY SCIENCE AND TECHNOLOGY							
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	243 ANB	
ENGINEERING							
E 010	1-0-2	Technical Seminar Presentations <i>Maximum Enrollment: 6 students per section</i>	01	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G
					M 09:00 - 09:55	142 KCK	
			02	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G
					M 10:00 - 10:55	142 KCK	
			03	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G
					M 11:00 - 11:55	142 KCK	
			04	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G
					W 09:00 - 09:55	142 KCK	
			05	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G
					W 10:00 - 10:55	142 KCK	
06	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G			
		W 11:00 - 11:55	142 KCK				
07	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G			
		F 09:00 - 09:55	142 KCK				
08	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G			
		F 10:00 - 10:55	142 KCK				
09	Fender, A	OM,TR 19:00 - 19:55	142 KCK	G			

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ENGINEERING							
E 010	1-0-2	Technical Seminar Presentations <i>Maximum Enrollment: 6 students per section</i>	09	Fender, A	F 11:00 - 11:55	142 KCK	G
E 011	1-0-2	Written Technical Communication in Engineering and Applied Science <i>Limited to seniors in E&AS only // Maximum enrollment: 20 students per section</i>	01 02 03 04 05	Smith, D Smith, D Birch, C Birch, C Readhead, C	R 11:00 - 11:55 M 14:00 - 14:55 W 13:00 - 13:55 R 13:00 - 13:55 W 13:00 - 13:55	142 KCK 142 KCK 142 KCK 142 KCK 384 FIR	G G G G G
E/H/Art 089	3-0-6	New Media Arts in the 20th and 21st Centuries <i>Maximum enrollment: 20 students</i>	01	Mushkin, H	TR 13:00 - 14:25	125 BAX	G
E/ME/MedE 105A	3-0-6	Design for Freedom from Disability	01	Pickar, K	TR 14:30 - 15:55	B101 BBB	
E 110	1-0-1	Principles of University Teaching and Learning in STEM	01	Weaver, J	OM,W 10:00 - 10:55	360 CSS	P
ENGLISH							
Hum/En 021	3-0-6	The Marvelous and the Monstrous: Literature at the Boundaries of the Real <i>Attendance at the first class meeting is required. // maximum enrollment: 18 students</i>	01	Jahner, J	TR 14:30 - 15:55	B133 BAX	
Hum/En 022	3-0-6	Inequality <i>Attendance at the first class meeting is required. // maximum enrollment: 18 students per section</i>	01 02	Haugen, K Haugen, K	T 19:00 - 21:55 W 19:00 - 21:55	113 SPL TR DAB	
Hum/En 030	3-0-6	Imagining Early America <i>Attendance at the first class meeting is required. // maximum enrollment: 18 students</i>	01	Hunter, C	TR 09:00 - 10:25	TR DAB	
En 086	3-0-6	Fiction and Creative Nonfiction Writing <i>Maximum enrollment: 12 students</i>	01	Gerber, M	R 19:30 - 22:25	128 BAX	
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ENGLISH							
En 099A	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01	Staff	A	A	G
En 099B	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01	Jahner, J	A	A	G
			02	Saltzman, B	A	A	G
			03	Gilmartin, K	A	A	G
En 110	3-0-6	Sinners, Saints, and Sexuality in Premodern Literature <i>maximum enrollment: 15 students</i>	01	Jahner, J	TR 10:30 - 11:55	117 DAB	G
En 126	3-0-6	Gothic Fiction <i>open by lottery only // see REGIS Home page to enter lottery by Nov 16th // maximum enrollment: 18 students</i>	01	Gilmartin, K	T 19:00 - 21:55	128 BAX	
En/H 197	+	American Literature and the Technologies of Reading <i>maximum enrollment: 20 students // Letter grades only // Class meets TR 2:30 - 4pm in 128 Baxter</i>	01	Hunter, C	A	A	P
ENGLISH AS A SECOND LANGUAGE							
ESL101B	3-0-0	Oral Communication and Pronunciation	01	Geasland, J	MW 17:00 - 18:25	125 BAX	P
ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Leadbetter, J	A	A	P
			02	Flagan, R	A	A	P
			03	Sessions, A	A	A	P
			04	Hoffmann, M	A	A	P
			05	Newman, D	A	A	P
			06	Thompson, A	A	A	P
ESE100	+	Special Problems in Environmental Engineering Science <i>up to 12 units by arrangement // Sec 13:</i>	01	Schneider, T	A	A	P
			02	Ingersoll, A	A	A	P
			03	Wennberg, P	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
ENVIRONMENTAL SCIENCE & ENGINEERING										
ESE100	+	Special Problems in Environmental Engineering Science <i>up to 12 units by arrangement // Sec 13: Fundamentals of Sustainability Science and Engineering, 9 units, meets TR 11:30am-1pm in SPL 113, taught concurrently with ChE190 and MS 150</i>	04	Hoffmann, M	A	A	P			
			05	Adkins, J	A	A	P			
			06	Leadbetter, J	A	A	P			
			07	Bordoni, S	A	A	P			
			08	Yung, Y	A	A	P			
			09	Seinfeld, J	A	A	P			
			10	Orphan, V	A	A	P			
			11	Thompson, A	A	A	P			
			12	Sessions, A	A	A	P			
			13	Kornfield, J / Diallo, M	A	A	P			
			14	Diallo, M	A	A	P			
			ESE102	3-0-6	Earth's Oceans	01	Adkins, J	MWF 13:00 - 13:55	135 L+R	G
			ESE106	+	Research in Environmental Science and Engineering	01	Adkins, J	A	A	P
						02	Blake, G	A	A	P
03	Bordoni, S	A				A	P			
04	Eiler, J	A				A	P			
05	Flagan, R	A				A	P			
06	Hoffmann, M	A				A	P			
07	Ingersoll, A	A				A	P			
08	Lamb, M	A				A	P			
09	Leadbetter, J	A				A	P			
10	Newman, D	A				A	P			
11	Okumura, M	A				A	P			
12	Orphan, V	A				A	P			
13	Schneider, T	A				A	P			
14	Seinfeld, J	A				A	P			
15	Sessions, A	A				A	P			
16	Wennberg, P	A				A	P			
17	Yung, Y	A				A	P			
18	Thompson, A	A				A	P			
19	Frankenberg, C	A				A	P			

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE110B	1-0-0	Seminar in Environmental Science and Engineering	01	Frankenberg, C	W 16:00 - 16:55	365 SMD	P
ESE130	3-0-6	Atmosphere Dynamics	01	Bordoni, S	MWF 14:00 - 14:55	135 L+R	
ESE131	3-0-6	Physical Oceanography	01	Thompson, A	MWF 11:00 - 11:55	135 L+R	
Ge/ESE 150	3-0-6	Planetary Atmospheres	01	Ingersoll, A	TR 13:00 - 14:25	162 SMD	
Ge/ESE 154	+	Readings in Paleoclimate <i>meets Fridays 3-4pm in 136 L+R // 3 units</i>	01	Adkins, J	A	A	P
ESE/ChE 158	3-0-6	Aerosol Physics and Chemistry	01	Seinfeld, J	TR 14:30 - 15:55	102 SPL	
ESE/Bi 168	3-0-6	Microbial Metabolic Diversity	01	Newman, D	M 11:00 - 11:55 WF 11:00 - 11:55	215 NMD 212 NMD	
ESE/Ch 175	3-0-6	Physical Inorganic Chemistry of Natural Waters	01	Hoffmann, M	MWF 10:00 - 10:55	135 L+R	
Ge/Bi/ESE 246	2-0-4	Molecular Geobiology Seminar	01	Orphan, V	A	A	P
ESE300	+	Thesis Research	01	Adkins, J	A	A	P
			02	Sessions, A	A	A	P
			03	Flagan, R	A	A	P
			04	Hoffmann, M	A	A	P
			05	Ingersoll, A	A	A	P
			06	Leadbetter, J	A	A	P
			07	Newman, D	A	A	P
			08	Bordoni, S	A	A	P
			09	Yung, Y	A	A	P
			10	Wennberg, P	A	A	P
			11	Schneider, T	A	A	P
			12	Seinfeld, J	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE300	+	Thesis Research	13	Eiler, J	A	A	P
			14	Orphan, V	A	A	P
			15	Okumura, M	A	A	P
			16	Thompson, A	A	A	P
			17	Fischer, W	A	A	P
FRESHMAN SEMINARS							
FS/Ay 003	2-0-4	Freshman Seminar: Automating Discovering the Universe <i>Limited enrollment</i>	01	Kulkarni, S	M 14:00 - 14:55 F 15:00 - 15:55	211 CHL 211 CHL	P
FS/Ph 011B	2-0-4	Freshman Seminar: Research Tutorial	01	Phillips, R	A	201 SLN	P
GEOLOGY							
Ge 010	2-0-0	Frontiers in Geological and Planetary Sciences	01	Clayton, R	F 12:00 - 12:55	151 ARM	P
Ge 011B	3-3-3	Introduction to Earth and Planetary Sciences: Earth and the Biosphere <i>Field Trip Dates: February 4-5</i>	01	Fischer, W / Kirschvink, J	MWF 14:00 - 14:55	251 ARM	
					W 19:00 - 21:55	251 ARM	
Ge 011D	3-0-6	Introduction to Earth and Planetary Sciences: Geophysics <i>taught concurrently with Ge 102</i>	01	Clayton, R / Gurnis, M	MWF 09:00 - 09:55	162 SMD	G
Ge 040	+	Special Problems for Undergraduates	01	Kirschvink, J	A	A	P
			02	Orphan, V	A	A	P
			03	Lamb, M	A	A	P
			04	Ingersoll, A	A	A	P
			05	Adkins, J	A	A	P
			06	Rossmann, G	A	A	P
			07	Sessions, A	A	A	P
			08	Stevenson, D	A	A	P
Ge 041B	+	Undergraduate Research and Bachelor's Thesis	01	Rossmann, G	A	A	P
			02	Kirschvink, J	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
GEOLOGY										
Ge 041B	+	Undergraduate Research and Bachelor's Thesis	03	Grotzinger, J	A	A	P			
			04	Orphan, V	A	A	P			
			05	Stolper, E	A	A	P			
			06	Stock, J	A	A	P			
			07	Grotzinger, J	A	A	P			
			08	Asimow, P	A	A	P			
			09	Brown, M	A	A	P			
			10	Fischer, W	A	A	P			
			11	Eiler, J	A	A	P			
			12	Ingersoll, A	A	A	P			
			13	Sessions, A	A	A	P			
			14	Leadbetter, J	A	A	P			
			Ge 102	3-0-6	Introduction to Geophysics <i>taught concurrently with Ge 11D</i>	01	Clayton, R / Gurnis, M	MWF 09:00 - 09:55	162 SMD	G
			Ge 104	3-0-6	Introduction to Geobiology <i>taught concurrently with Ge 11b // Field Trip Dates: February 4-5</i>	01	Fischer, W / Kirschvink, J	MWF 14:00 - 14:55 W 19:00 - 21:55	251 ARM 251 ARM	
Ge 106	3-0-6	Introduction to Structural Geology	01	Avouac, J	TWR 15:00 - 15:55	215 NMD				
Ge 111A	3-3-0	Applied Geophysics Seminar and Field Course <i>Field Trip dates: TBD</i>	01	Clayton, R / Simons, M	OM,R 09:00 - 10:25	162 SMD	G			
Ge 115B	3-3-3	Petrology and Petrography: Metamorphic Petrology	01	Eiler, J	TR 10:30 - 11:55	215 NMD				
Ge 116	1-4-4	Analytical Techniques Laboratory <i>Labs TBA // Maximum enrollment: 8 students</i>	01	Asimow, P / Jackson, J / Rossman, G	W 11:00 - 11:55	267 ARM	G			
Ge/Ay 117	3-0-6	Statistics and Data Analysis	01	Knutson, H	MWF 14:00 - 14:55	162 SMD				
Ge 121B	0-9-3	Advanced Field Geology <i>Field Trip Dates: February 3-13</i>	01	Kirschvink, J	OM,W 10:00 - 10:55	251 ARM	G			

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
GEOLOGY							
Ge 126	2-0-4	Topics in Earth Surface Processes	01	Lamb, M	T 16:00 - 18:55	267 ARM	P
Ge 136B	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: TBA</i>	01	Kirschvink, J	OM,W 09:00 - 09:55	251 ARM	P
Ge/Ay 137	3-0-6	Planetary Physics	01	Batygin, K	MWF 13:00 - 13:55	162 SMD	
Ge 140A	3-0-6	Stable Isotope Geochemistry	01	Eiler, J	MWF 10:00 - 10:55	215 NMD	
Ge/ESE 150	3-0-6	Planetary Atmospheres	01	Ingersoll, A	TR 13:00 - 14:25	162 SMD	
Ge/ESE 154	+	Readings in Paleoclimate <i>meets Fridays 3-4pm in 136 L+R // 3 units</i>	01	Adkins, J	A	A	P
Ge/Ay 159	3-0-6	Planetary Evolution and Habitability <i>Covers general topics in Astrobiology</i>	01	Yung, Y	MWF 11:00 - 11:55	162 SMD	
Ge 162	3-0-6	Seismology	01	Clayton, R / Tsai, V / Zhan, Z	MWF 10:00 - 10:55	162 SMD	G
Ge 164	3-0-6	Mineral Physics	01	Jackson, J	TR 10:30 - 11:55	162 SMD	
Ge 217	3-0-3	Radiogenic Isotopes Seminar	01	Farley, K	A	A	P
Ge/Bi/ESE 246	2-0-4	Molecular Geobiology Seminar	01	Orphan, V	A	A	P
ME/Ge/Ae 266A	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta, N	TR 13:00 - 14:25	115 GTL	G
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Eiler, J	A	A	P
			03	Clayton, R	A	A	P
			04	Asimow, P	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
GEOLOGY							
Ge 297	+	Advanced Study	05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Grotzinger, J	A	A	P
			08	Stock, J	A	A	P
			09	Sessions, A	A	A	P
			10	Avouac, J	A	A	P
			11	Gurnis, M	A	A	P
			12	Saleeby, J	A	A	P
			13	Helmberger, D	A	A	P
			14	Ingersoll, A	A	A	P
			15	Jackson, J	A	A	P
			16	Kirschvink, J	A	A	P
			17	Farley, K	A	A	P
			18	Newman, D	A	A	P
			19	Ampuero Saenz, J	A	A	P
			20	Fischer, W	A	A	P
			21	Lamb, M	A	A	P
			22	Rossmann, G	A	A	P
			23	Schneider, T	A	A	P
			24	Bordoni, S	A	A	P
			25	Simons, M	A	A	P
			26	Stevenson, D	A	A	P
			27	Ehlmann, B	A	A	P
			28	Stolper, E	A	A	P
			29	Kulkarni, S	A	A	P
			30	Miller, T	A	A	P
			31	Batygin, K	A	A	P
			32	Wennberg, P	A	A	P
			33	Wernicke, B	A	A	P
			34	Aharonson, O	A	A	P
			35	Yung, Y	A	A	P
			36	Lapusta, N	A	A	P
			37	Kulkarni, S	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
GEOLOGY							
Ge 297	+	Advanced Study	38	Orphan, V	A	A	P
			39	Tsai, V	A	A	P
			40	Knutson, H	A	A	P
			41	Knutson, H	A	A	P
			42	Zhan, Z	A	A	P
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Ehlmann, B	A	A	P
			03	Avouac, J	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Clayton, R	A	A	P
			08	Eiler, J	A	A	P
			09	Farley, K	A	A	P
			10	Grotzinger, J	A	A	P
			11	Heaton, T	A	A	P
			12	Helmberger, D	A	A	P
			13	Gurnis, M	A	A	P
			14	Kirschvink, J	A	A	P
			15	Fischer, W	A	A	P
			16	Newman, D	A	A	P
			17	Orphan, V	A	A	P
			18	Knutson, H	A	A	P
			19	Rossmann, G	A	A	P
			20	Saleeby, J	A	A	P
			21	Lamb, M	A	A	P
			22	Schneider, T	A	A	P
			23	Sessions, A	A	A	P
			25	Simons, M	A	A	P
26	Stevenson, D	A	A	P			
27	Stock, J	A	A	P			
28	Stolper, E	A	A	P			
31	Yung, Y	A	A	P			

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
GEOLOGY							
Ge 299	+	Thesis Research	32	Batygin, K	A	A	P
			33	Wennberg, P	A	A	P
			34	Wernicke, B	A	A	P
			35	Ampuero Saenz, J	A	A	P
			36	Lapusta, N	A	A	P
			37	Kulkarni, S	A	A	P
			38	Jackson, J	A	A	P
			39	Ingersoll, A	A	A	P
			40	Tsai, V	A	A	P
			HISTORY				
Hum/H 008A	3-0-6	Civilization, Science, and Archaeology: Before Greece: The Origins of Civilization in Mesopotamia <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Buchwald, J	TR 10:30 - 11:55	TR DAB	
Hum/H 009B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	128 BAX	
Hum/H 010	3-0-6	Medieval Europe: The Problem of Violence <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Brown, W	TR 14:30 - 15:55	TR DAB	
Hum/H 015	3-0-6	Early Modern Environmental History <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Pluymers, K	TR 14:30 - 15:55	314 ANB	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
E/H/Art 089	3-0-6	New Media Arts in the 20th and 21st Centuries <i>Maximum enrollment: 20 students</i>	01	Mushkin, H	TR 13:00 - 14:25	125 BAX	G
H 098	+	Reading in History <i>Instructor permission required prior to registering</i>	01	Brown, W	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
HISTORY							
H 099B	1-0-8	Research Tutorial <i>Instructor permission required prior to registering</i>	01	Staff	A	A	
H 119	3-0-6	Early American Rebellions and Revolutions, 1607-1800 <i>maximum enrollment: 15 students</i>	01	Gronningsater, S	T 19:00 - 21:55	117 DAB	G
H 127	3-0-6	History and the Anthropocene <i>maximum enrollment: 15 students</i>	01	Pluymers, K	TR 10:30 - 11:55	115 DAB	
H 135	3-0-6	War, Conquest, and Empires <i>maximum enrollment: 15 students</i>	01	Hoffman, P	TR 14:30 - 15:55	127 BAX	G
H 137	3-0-6	Criminals, Outlaws, and Justice in a Thousand Years of Chinese History <i>maximum enrollment: 15 students</i>	01	Dykstra, M	R 19:00 - 21:55	127 BAX	
Law/PS/H 148A	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students // Writing Intensive Course</i>	01	Kousser, J	T 19:30 - 22:25	127 BAX	G
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>maximum enrollment: 15 students</i>	01	Feingold, M	W 19:00 - 21:55	117 DAB	
HPS/H 168	3-0-6	History of Electromagnetism and Heat Science <i>maximum enrollment: 15 students</i>	01	Buchwald, J	TR 14:30 - 15:55	117 DAB	G
HPS/H 169	3-0-6	Selected Topics in the History of Science and Technology: Parallel Lives <i>maximum enrollment: 15 students // first class on January 10th</i>	01	Gattei, S	TR 10:30 - 11:55	B133 BAX	
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	TR DAB	
En/H 197	+	American Literature and the Technologies of Reading <i>maximum enrollment: 20 students // Letter grades only // Class meets TR 2:30 - 4pm in 128</i>	01	Hunter, C	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
HISTORY AND PHILOSOPHY OF SCIENCE							
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
HPS102B	2-0-10	Senior Research Seminar <i>Instructor permission required prior to registering</i>	01	Kormos-Buchwald, D	A	A	P
HPS103	1-0-0	Public Lecture Series	01	Eberhardt, F	A	A	P
HPS/PI 130	3-0-6	Philosophy and Biology <i>maximum enrollment: 15 students</i>	01	Quinn, A	TR 10:30 - 11:55	128 BAX	
HPS/PI 136	3-0-6	Happiness and the Good Life <i>open by lottery only // see REGIS home page to enter lottery by Nov 16th // maximum enrollment : 15 students</i>	01	Quartz, S	T 19:00 - 21:55	115 DAB	
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>maximum enrollment: 15 students</i>	01	Feingold, M	W 19:00 - 21:55	117 DAB	
HPS/H 168	3-0-6	History of Electromagnetism and Heat Science <i>maximum enrollment: 15 students</i>	01	Buchwald, J	TR 14:30 - 15:55	117 DAB	G
HPS/H 169	3-0-6	Selected Topics in the History of Science and Technology: Parallel Lives <i>maximum enrollment: 15 students // first class on January 10th</i>	01	Gattei, S	TR 10:30 - 11:55	B133 BAX	
PI/HPS 183	3-0-6	Bioethics <i>maximum enrollment: 15 students</i>	01	Quinn, A	TR 14:30 - 15:55	121 BCK	
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	TR DAB	
HUMANITIES							
Hum/H 008A	3-0-6	Civilization, Science, and Archaeology: Before Greece: The Origins of Civilization in	01	Buchwald, J	TR 10:30 - 11:55	TR DAB	

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
HUMANITIES							
Hum/H 008A	3-0-6	Civilization, Science, and Archaeology: Before Greece: The Origins of Civilization in Mesopotamia <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>					
Hum/H 009B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	128 BAX	
Hum/H 010	3-0-6	Medieval Europe: The Problem of Violence <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Brown, W	TR 14:30 - 15:55	TR DAB	
Hum/H 015	3-0-6	Early Modern Environmental History <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Pluymer, K	TR 14:30 - 15:55	314 ANB	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
Hum/En 021	3-0-6	The Marvelous and the Monstrous: Literature at the Boundaries of the Real <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 18 students</i>	01	Jahner, J	TR 14:30 - 15:55	B133 BAX	
Hum/En 022	3-0-6	Inequality <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 18 students per section</i>	01 02	Haugen, K Haugen, K	T 19:00 - 21:55 W 19:00 - 21:55	113 SPL TR DAB	
Hum/En 030	3-0-6	Imagining Early America <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 18 students</i>	01	Hunter, C	TR 09:00 - 10:25	TR DAB	
Hum/PI 041	3-0-6	Knowledge and Reality <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students per section</i>	01 02	Hitchcock, C Hitchcock, C	TR 09:00 - 10:25 TR 14:30 - 15:55	115 DAB 115 DAB	
Hum/PI 042	3-0-6	Philosophy and Gender <i>Attendance at the first class meeting is required.</i> <i>// maximum enrollment: 15 students per section</i>	01 02	Cowie, F Cowie, F	W 19:00 - 21:55 R 19:00 - 20:55	115 DAB 115 DAB	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
HUMANITIES							
Hum105B	3-0-6	Topics in French Culture and Literature	01	Orcel, C	M 10:00 - 10:55 W 17:30 - 18:25 F 15:00 - 15:55	115 DAB 115 DAB 115 DAB	
Hum114B	3-0-6	Spanish and Latin American Literature	01	Garcia, D	MW 19:00 - 20:25	127 BAX	
LANGUAGES							
L 102B	3-0-6	Elementary French	01	Orcel, C	M 09:00 - 09:55 TW 12:00 - 12:55	127 BAX 127 BAX	
L 103B	3-0-6	Intermediate French	01	Merrill, T	MTR 12:00 - 12:55	B133 BAX	
L 105B	3-0-6	Topics in French Culture and Literature	01	Orcel, C	M 10:00 - 10:55 W 17:30 - 18:25 F 15:00 - 15:55	115 DAB 115 DAB 115 DAB	
L 106B	4-0-5	Elementary Japanese <i>Taught by Dr. Hirai // Maximum Enrollment: 20 students per section</i>	01 02	Toner, R Toner, R	MTWR 15:00 - 15:55 MTWR 16:00 - 16:55	228 BAX 228 BAX	
L 107B	3-0-6	Intermediate Japanese <i>Maximum Enrollment: 20 students</i>	01	Sumitomo, M	MW 16:00 - 17:25	115 DAB	
L 108B	3-0-6	Advanced Japanese <i>Maximum enrollment: 20 students</i>	01	Hirata, K	MF 12:00 - 13:25	228 BAX	G
L 110B	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students per section</i>	01 02	Garcia, D Arjona, G	MWR 12:00 - 12:55 TR 19:00 - 20:25	128 BAX B119 BAX	
L 112B	3-0-6	Intermediate Spanish <i>Maximum Enrollment: 20 students</i>	01	Arjona, G	TR 16:30 - 17:55	B119 BAX	
L 114B	3-0-6	Spanish and Latin American Literature <i>Maximum Enrollment: 20 students</i>	01	Garcia, D	MW 19:00 - 20:25	127 BAX	
L 130B	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	115 DAB	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
LANGUAGES							
L 132B	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	115 DAB	
L 167A	3-0-6	Latin Literature	01	Pigman, G	M 12:00 - 13:25 W 16:00 - 17:25	117 DAB 117 DAB	
L 170B	3-0-6	Introduction to Chinese <i>Maximum enrollment: 20 students</i>	01	Wang, X	TWR 12:00 - 12:55	125 BAX	
L 171B	3-0-6	Elementary Chinese <i>Maximum enrollment: 20 students</i>	01	Ming, F	TW 19:00 - 20:25	228 BAX	
L 172B	3-0-6	Intermediate Chinese <i>Maximum enrollment: 20 students</i>	01	Wang, X	TR 19:00 - 20:25	125 BAX	
L 173B	3-0-6	Advanced Chinese <i>Maximum enrollment: 20 students</i>	01	Ming, F	T 17:00 - 18:55 W 17:30 - 18:25	117 DAB 117 DAB	
LAW							
Law/PS/H 148A	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students // Writing Intensive Course</i>	01	Kousser, J	T 19:30 - 22:25	127 BAX	G
MATERIALS SCIENCE							
MS 078B	+	Senior Thesis	01	Johnson, W	A	A	P
			02	Haile, S	A	A	P
			03	Greer, J	A	A	P
			04	Snyder, G	A	A	P
			05	Goddard, W	A	A	P
			06	Gharib, M	A	A	P
			07	Minnich, A	A	A	P
			08	Ravichandran, G	A	A	P
MS 078C	+	Senior Thesis	01	Ravichandran, G	A	A	P
MS 100	+	Advanced Work in Materials Science	01	Haile, S	A	A	P
			02	Fultz, B	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MATERIALS SCIENCE							
MS 100	+	Advanced Work in Materials Science	03	Snyder, G	A	A	P
			04	Davis, M	A	A	P
			07	Johnson, W	A	A	P
			08	Minnich, A	A	A	P
APh/MS 105B	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
MS 110B	1-0-0	Materials Research Lectures	01	Minnich, A	W 16:00 - 16:55	106 SPL	P
MS/APh 122	0-4-5	Diffraction, Imaging, and Structure <i>Maximum enrollment: 8 students</i>	01	Fultz, B / Garland, C	OM,W 13:00 - 13:55	B242 KCK	
MS 132	3-0-6	Diffraction and Structure	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
MS 142	2-3-4	Application of Diffraction Techniques in Materials Science	01	Ahn, C	TR 10:30 - 11:55	111 KCK	
MS 150B	3-0-6	Topics in Materials Science: Fundamentals of Sustainability Science and Engineering <i>taught concurrently with ChE190 and ESE100</i>	01	Kornfield, J / Diallo, M	TR 11:30 - 12:55	113 SPL	
MS 200	+	Advanced Work in Materials Science	01	Ortiz, M	A	A	P
			02	Snyder, G	A	A	P
			03	Atwater, H	A	A	P
			04	Minnich, A	A	A	P
			05	Fultz, B	A	A	P
			06	Goddard, W	A	A	P
			07	Haile, S	A	A	P
			08	Johnson, W	A	A	P
			09	Blake, G	A	A	P
			10	Greer, J	A	A	P
			11	Heath, J	A	A	P
			12	Daraio, C	A	A	P
			13	Lewis, N	A	A	P
			14	Bhattacharya, K	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MATERIALS SCIENCE							
MS 200	+	Advanced Work in Materials Science	15	Faber, K	A	A	P
			16	Kochmann, D	A	A	P
			17	Bernardi, M	A	A	P
			18	Rees, D	A	A	P
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture <i>class cancelled</i>	01	Staff	A	A	
MS 300	+	Thesis Research	01	Atwater, H	A	A	P
			02	Ortiz, M	A	A	P
			03	Rosakis, A	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Haile, S	A	A	P
			07	Johnson, W	A	A	P
			09	Greer, J	A	A	P
			10	Snyder, G	A	A	P
			11	Cross, M	A	A	P
			12	Heath, J	A	A	P
			13	Lewis, N	A	A	P
			14	Bhattacharya, K	A	A	P
			15	Faber, K	A	A	P
			16	Minnich, A	A	A	P
			MATHEMATICS				
Ma 001B	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Sections 1-7 Practical Track -- Sections 8-12 Analytical Track (section 2 cancelled)</i>	01	Zhu, X	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 257 SLN	P
			03	Zhu, X	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 119 DWN	P
			04	Zhu, X	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK B111 DWN	P
			05	Zhu, X	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 155 ARM	P
			06	Zhu, X	MWF 10:00 - 10:55	119 KRK	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MATHEMATICS							
Ma 001B	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Sections 1-7 Practical Track -- Sections 8-12 Analytical Track (section 2 cancelled)</i>	06	Zhu, X	R 10:00 - 10:55	103 DWN	P
			07	Zhu, X	MWF 10:00 - 10:55	119 KRK	P
					R 14:00 - 14:55	B111 DWN	
			08	Graber, T	MWF 10:00 - 10:55	B122 GCL	P
					R 09:00 - 09:55	B111 DWN	
			09	Graber, T	MWF 10:00 - 10:55	B122 GCL	P
					R 10:00 - 10:55	142 KCK	
			10	Graber, T	MWF 10:00 - 10:55	B122 GCL	P
					R 13:00 - 13:55	102 STL	
			11	Graber, T	MWF 10:00 - 10:55	B122 GCL	P
					R 14:00 - 14:55	119 DWN	
					MWF 10:00 - 10:55	B122 GCL	P
		R 10:00 - 10:55	119 KRK				
Ma 001D	2-0-2	Series	01	Mantovan, E	TR 09:00 - 09:55	151 SLN	
Ma 003	4-0-5	Introduction to Probability and Statistics <i>section 6 cancelled</i>	01	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G
					R 09:00 - 09:55	153 SLN	
			02	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G
					R 09:00 - 09:55	159 SLN	
			03	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G
					R 10:00 - 10:55	B127 GCL	
			04	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G
					R 10:00 - 10:55	269 LAU	
			05	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G
		R 10:00 - 10:55	102 STL				
07	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G			
		R 13:00 - 13:55	153 SLN				
08	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G			
		R 13:00 - 13:55	B127 GCL				
09	Border, K	MWF 10:00 - 10:55	Lecture Hall BAX	G			
		R 14:30 - 15:25	115 BCK				

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MATHEMATICS							
Ma 005B	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105b</i>	01	Mantovan, E	MWF 09:00 - 09:55	151 SLN	
Ma/CS 006B	3-0-6	Introduction to Discrete Mathematics	01	Sheffer, A	MWF 13:00 - 13:55	151 SLN	
Ma 092B	+	Senior Thesis	01	Zhu, X	A	A	P
			02	Ramakrishnan, D	A	A	P
			03	Flach, M	A	A	P
Ma 098	+	Independent Reading	01	Marcolli, M	A	A	P
			02	Zhou, G	A	A	P
			03	Ni, Y	A	A	P
			04	Katz, N	A	A	P
			06	Sheffer, A	A	A	P
			5	Schimmer, L	A	A	P
Ma 103	4-0-5	Introduction to Probability and Statistics	01	Border, K	MWF 10:00 - 10:55 R 14:30 - 15:25	Lecture Hall BAX 115 BCK	G
Ma 105B	3-0-6	Introduction to Abstract Algebra	01	Mantovan, E	MWF 09:00 - 09:55	151 SLN	
Ma 108B	3-0-6	Classical Analysis	01	Schimmer, L	MWF 11:00 - 11:55	151 SLN	
Ma 109B	3-0-6	Introduction to Geometry and Topology	01	Zhang, T	MWF 10:00 - 10:55	159 SLN	
Ma 110B	3-0-6	Analysis	01	Markovic, V	MWF 11:00 - 11:55	257 SLN	
Ma/CS 117B	3-0-6	Computability Theory	01	Lupini, M	TR 13:00 - 14:25	159 SLN	
Ma 120B	3-0-6	Abstract Algebra	01	Rains, E	MWF 09:00 - 09:55	257 SLN	
EE/Ma/CS 126B	3-0-6	Information Theory <i>Make-up classes - Friday 080 Moore 10:30-</i>	01	Effros, M	MW 10:30 - 11:55	B280 MRE	G

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MATHEMATICS							
EE/Ma/CS 127	3-0-6	Error-Correcting Codes	01	Kostina, V	TR 14:30 - 15:55	B280 MRE	
Ma 130B	3-0-6	Algebraic Geometry	01	Zhu, X	MWF 13:00 - 13:55	153 SLN	
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations <i>class cancelled - to be offered spring term</i>	01	Staff	A	A	P
Ma 145B	3-0-6	Representation Theory	01	Yom Din, A	TR 13:00 - 14:25	103 DWN	
Ma 147B	3-0-6	Dynamical Systems	01	Ivrii, O	MWF 14:00 - 14:55	159 SLN	
Ma 151B	3-0-6	Algebraic and Differential Topology	01	Vafaee, F	MWF 10:00 - 10:55	257 SLN	
Ma 157B	3-0-6	Riemannian Geometry	01	Zhang, T	MWF 13:00 - 13:55	257 SLN	
Ma 160B	3-0-6	Number Theory	01	Amir Khosravi, Z	MWF 14:00 - 14:55	257 SLN	
Ma 191B	3-0-6	Selected Topics in Mathematics <i>Sec 1: Fiber Bundles and Chern-Weil Theory (P-F Only) // Sec 2: Topics in Descriptive Set Theory // Sec 3: Geometry of Neuroscience (P-F Only) // Sec 4: Quadrature Domains</i>	01	Li, Q	TR 10:30 - 11:55	257 SLN	
			02	Kechris, A	TR 14:30 - 15:55	151 SLN	
			03	Marcolli, M / Tsao, D	TR 10:30 - 11:55	151 SLN	
			04	Makarov, N	TR 13:00 - 14:25	257 SLN	
SS/Ma 214	3-0-6	Mathematical Finance	01	Cvitanic, J	MW 17:00 - 18:25	127 BAX	
Ma 290	+	Reading	01	Flach, M	A	A	P
			02	Frank, R	A	A	P
			03	Graber, T	A	A	P
			04	Katz, N	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MATHEMATICS							
Ma 290	+	Reading	08	Marcolli, M	A	A	P
			09	Markovic, V	A	A	P
			10	Ni, Y	A	A	P
			11	Rains, E	A	A	P
			12	Ramakrishnan, D	A	A	P
			13	Zhu, X	A	A	P
			14	Tamuz, O	A	A	P
Ma 390	+	Research	01	Desbrun, M	A	A	P
			02	Flach, M	A	A	P
			03	Frank, R	A	A	P
			04	Graber, T	A	A	P
			05	Gukov, S	A	A	P
			06	Kapustin, A	A	A	P
			07	Katz, N	A	A	P
			08	Kechris, A	A	A	P
			09	Kitaev, A	A	A	P
			10	Makarov, N	A	A	P
			11	Mantovan, E	A	A	P
			12	Marcolli, M	A	A	P
			13	Markovic, V	A	A	P
14	Ni, Y	A	A	P			
15	Oguri, H	A	A	P			
16	Preskill, J	A	A	P			
17	Rains, E	A	A	P			
18	Ramakrishnan, D	A	A	P			
19	Tamuz, O	A	A	P			
20	Zhu, X	A	A	P			
MECHANICAL ENGINEERING							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	WF 13:00 - 13:55	B270 MRE	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MECHANICAL ENGINEERING							
ME 011B	3-0-6	Thermal Science	01	Hunt, M	MWF 14:00 - 14:55	135 GTL	G
ME 012B	3-0-6	Mechanics	01	Andrade, J	TR 13:00 - 14:25	135 GTL	G
ME 013	0-4-0	Introduction to Mechanical Prototyping	01	Van Deusen, J	OM,W 18:00 - 18:55	024 SPL	P
ME 050A	0-6-3	Experiments and Modeling in Mechanical Engineering	01	Hall, J / Blanquart, G	MWF 15:00 - 15:55	135 GTL	G
ME 072B	1-8-0	Engineering Design Laboratory	01	Mello, M / Van Deusen, J	TR 15:00 - 16:25	135 GTL	G
ME 090B	0-9-0	Senior Thesis, Experimental	01	Blanquart, G	A	A	G
ME 100	+	Independent Studies in Mechanical Engineering	01	Colonus, T	A	A	P
			02	Burdick, J	A	A	P
			03	Scherer, A	A	A	P
			04	Phillips, R	A	A	P
			05	Pickar, K	A	A	P
			06	Pickar, K	A	A	P
			07	Tai, Y	A	A	P
			08	Hunt, M	A	A	P
			09	Minnich, A	A	A	P
			10	Rutledge, D	A	A	P
			11	Blanquart, G	A	A	P
			12	Perona, P	A	A	P
			13	Doyle, J	A	A	P
			14	Daraio, C	A	A	P
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Austin, J	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	135 GTL	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MECHANICAL ENGINEERING							
E/ME/MedE 105A	3-0-6	Design for Freedom from Disability	01	Pickar, K	TR 14:30 - 15:55	B101 BBB	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Shepherd, J	A	A	
			02	Scherer, A	A	A	
			03	Ravichandran, G	A	A	
			04	Burdick, J	A	A	
Ae/ME 120A	3-0-6	Combustion Fundamentals	01	Blanquart, G	MWF 14:00 - 14:55	115 GTL	
ME 130	0-4-0	Introduction to Mechanical Prototyping	01	Van Deusen, J	OM,W 18:00 - 18:55	024 SPL	P
ME/CS 132A	3-6-0	Advanced Robotics: Navigation and Vision	01	Burdick, J	W 19:30 - 21:25	135 GTL	G
					F 12:00 - 12:55	135 GTL	
AM/CE/ME 150B	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
			02	Murray, R	A	A	P
			03	Ravichandran, G	A	A	P
			05	Brady, J	A	A	P
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture <i>class cancelled</i>	01	Staff	A	A	
Ae/AM/CE/ME 214B	3-0-6	Computational Solid Mechanics	01	Kochmann, D	TR 14:30 - 15:55	133 GUG	
Ae/AM/ME 225	3-0-6	Special Topics in Solid Mechanics <i>Sec 1: taught concurrently with AM/CE 151b //</i> <i>Sec 2 topic: Static and Dynamic Failure of</i> <i>Brittle Solids and Interfaces, from the Micro to</i> <i>the Mega</i>	01	Daraio, C	MWF 10:00 - 10:55	135 GTL	
			02	Rosakis, A	TR 14:30 - 15:55	115 GTL	
ME/Ge/Ae 266A	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta, N	TR 13:00 - 14:25	115 GTL	G

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MECHANICAL ENGINEERING							
ME 300	+	Research in Mechanical Engineering	01	Blanquart, G	A	A	P
			02	Fultz, B	A	A	P
			03	Burdick, J	A	A	P
			04	Colonus, T	A	A	P
			05	Adkins, J	A	A	P
			06	Hunt, M	A	A	P
			07	Murray, R	A	A	P
			09	Bhattacharya, K	A	A	P
			10	Shepherd, J	A	A	P
			11	Andrade, J	A	A	P
			12	Bellan, P	A	A	P
			13	Leonard, A	A	A	P
			14	Ortiz, M	A	A	P
			15	Haile, S	A	A	P
			16	Greer, J	A	A	P
			17	Lapusta, N	A	A	P
			18	Gharib, M	A	A	P
			19	Troian, S	A	A	P
			20	Brady, J	A	A	P
			21	Daraio, C	A	A	P
			22	Dickinson, M	A	A	P
			23	Ravichandran, G	A	A	P
			24	Atwater, H	A	A	P
			25	Adkins, J	A	A	P
			26	Kochmann, D	A	A	P
			27	McKeon, B	A	A	P
			28	Hoffmann, M	A	A	P
			29	Asimaki, D	A	A	P
			30	Minnich, A	A	A	P
			31	van de Walle, A	A	A	P
			32	Scherer, A	A	A	P
			33	Ames, A	A	A	P
			MEDICAL ENGINEERING				

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MEDICAL ENGINEERING							
MedE 099	+	Undergraduate Research in Medical Engineering	01	Petrasek, D	A	A	P
MedE 100B	1-0-0	Medical Engineering Seminar	01	Choo, H	R 16:00 - 16:55	105 ANB	P
E/ME/MedE 105A	3-0-6	Design for Freedom from Disability	01	Pickar, K	TR 14:30 - 15:55	B101 BBB	
ChE/BE/MedE 112	3-0-6	Design, Invention, and Fundamentals of Microfluidic Systems <i>Maximum enrollment: 20 students</i>	01	Ismagilov, R	TR 13:00 - 14:25	102 SPL	
EE/MedE 114A	4-0-8	Analog Circuit Design	01	Pedroni, V	WF 10:00 - 11:55	B270 MRE	
ChE/BE/MedE 188	3-0-6	Molecular Imaging	01	Shapiro, M	W 19:00 - 21:55	118 SCH	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Bois, J	TR 10:30 - 11:55	108 KCK	
MedE 201A	3-0-6	Principles and Design of Medical Devices	01	Tai, Y / Choo, H	MW 13:00 - 14:25	106 ANB	G
MedE 291	+	Research in Medical Engineering	01	Burdick, J	A	A	P
			02	Choo, H	A	A	P
			04	Emami, A	A	A	P
			05	Faraon, A	A	A	P
			06	Gharib, M	A	A	P
			07	Greer, J	A	A	P
			08	Hajimiri, S	A	A	P
			09	Scherer, A	A	A	P
			10	Tai, Y	A	A	P
			11	Yang, C	A	A	P
			12	Chandy, K	A	A	P
			13	Pickar, K	A	A	P
			14	Colonius, T	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
MEDICAL ENGINEERING							
MedE 291	+	Research in Medical Engineering	15	Grubbs, R	A	A	P
			16	Ismagilov, R	A	A	P
			17	Shapiro, M	A	A	P
			18	Wang, L	A	A	P
			19	Pachter, L	A	A	P
MUSIC							
Mu 058	3-0-6	Harmony I <i>maximum enrollment: 20 students</i>	01	Neenan, T	MW 11:00 - 12:25	19 BAX	
Mu 138	3-0-6	History II: Music History from 1750 to 1850 <i>maximum enrollment: 20 students</i>	01	Neenan, T	MW 14:30 - 15:55	19 BAX	
NEUROBIOLOGY							
Bi/NB/BE 155	3-0-3	Neuropharmacology	01	Lester, H	MW 09:00 - 10:25	101 KRK	G
Bi/CNS/NB 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>course cancelled</i>	01	Staff	A	A	
CNS/Bi/NB 247	2-0-4	Cerebral Cortex	01	Andersen, R	TR 13:00 - 13:55	330 BBB	
PERFORMANCE AND ACTIVITIES							
PA 016B	0-3-0	Cooking Basics <i>Location: 400 S. Hill</i>	01	Staff	R 18:30 - 21:25	A	P
PA 030B	0-3-0	Guitar <i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	01	Elgart, M	T 16:30 - 17:25	Library AVE	P
			02	Elgart, M	T 15:30 - 16:25	Library AVE	P
			03	Elgart, M	T 17:30 - 18:25	Library AVE	P
PA 031B	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles // Sec 2: Piano four-hands // Sec 3: Guitar Ensemble</i>	01	Jasper White, M	OM,A	A	P
			02	Ward, R	OM,A	A	P
			03	Elgart, M	OM,A	A	P
PA 032B	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Thorne Hall OCCI	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PERFORMANCE AND ACTIVITIES							
PA 033B	0-3-0	Concert Band	01	Price, G	R 19:30 - 21:15	Ramo Auditorium BAX	P
PA 034B	0-3-0	Jazz Band	01	Catlin, B	M 19:30 - 21:15 M 21:30 - 22:55	Ramo Auditorium BAX Ramo Auditorium BAX	P
PA 035B	0-3-0	Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 037B	0-3-0	Chamber Singers	01	Sulahian, N	A	A	P
PA 040B	2-0-1	Theater Arts	01	Brophy, B	W 19:30 - 21:55	TCT	P
		<i>Section 1 will focus on production // Section 2 will focus on global narratives</i>	02	Brophy, B	T 19:00 - 20:25	Classroom NewMedia	P
PA 061B	0-3-0	Silkscreen and Silk Painting	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PA 062B	0-3-0	Drawing and Painting	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
PA 063B	0-3-0	Ceramics	01	Freed, S	W 19:00 - 21:55	Ceramic Room POLY	P
PHILOSOPHY							
Hum/Pl 041	3-0-6	Knowledge and Reality	01	Hitchcock, C	TR 09:00 - 10:25	115 DAB	
		<i>Attendance at the first class meeting is required. // maximum enrollment: 15 students per section</i>	02	Hitchcock, C	TR 14:30 - 15:55	115 DAB	
Hum/Pl 042	3-0-6	Philosophy and Gender	01	Cowie, F	W 19:00 - 21:55	115 DAB	
		<i>Attendance at the first class meeting is required. // maximum enrollment: 15 students per section</i>	02	Cowie, F	R 19:00 - 20:55	115 DAB	
Pl 090B	1-0-8	Senior Thesis	01	Staff	A	A	
		<i>Instructor permission required prior to registering</i>					
Pl 098	+	Reading in Philosophy	01	Cowie, F	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHILOSOPHY							
HPS/PI 130	3-0-6	Philosophy and Biology <i>maximum enrollment: 15 students</i>	01	Quinn, A	TR 10:30 - 11:55	128 BAX	
HPS/PI 136	3-0-6	Happiness and the Good Life <i>open by lottery only // see REGIS home page to enter lottery by Nov 16th // maximum enrollment : 15 students</i>	01	Quartz, S	T 19:00 - 21:55	115 DAB	
PI/HPS 183	3-0-6	Bioethics <i>maximum enrollment: 15 students</i>	01	Quinn, A	TR 14:30 - 15:55	121 BCK	
PHYSICAL EDUCATION							
PE 001	3-0-0	Student Designed Fitness	01	Morgan, H	MWF 13:00 - 13:55	BAC	P
PE 002	3-0-0	Healthier Living	01	Mahlum, J	MW 15:00 - 16:25	BAC	P
PE 003	3-0-0	Hiking	01	Murray, P / Raphelson, B	F 11:00 - 14:55	BAC	P
PE 004	3-0-0	Introduction to Power Walking	01	Hughes, R	TR 13:00 - 14:25	BAC	P
PE 005	3-0-0	Beginning Running - Half Marathon Training	01	Marbut, S	MWF 13:00 - 13:55	BAC	P
PE 006	3-0-0	Core Training, Beginning/Intermediate	01	Bonafede, J	TR 10:30 - 11:55	BAC	P
PE 009	3-0-0	Soccer	01	Houck, T	TR 10:30 - 11:55	BAC	P
PE 010	3-0-0	Aerobic Dance <i>class cancelled</i>	01	Staff	A	A	P
PE 020	3-0-0	Fencing, Beginning and Intermediate/Advanced	01	Corbit, C	TR 10:30 - 11:55	BAC	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICAL EDUCATION							
PE 024	3-0-0	Yoga, Beginning	01	Flynn, K / Alvarado-Orozco, J	TR 20:00 - 21:25	BAC	P
PE 030	3-0-0	Golf, Beginning, Intermediate, and Advanced	01	Carter, J	TR 10:30 - 11:55	NOF BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate and Advanced <i>Beginning Swim/Learn to Swim</i>	01	Hughes, P	MWF 14:00 - 14:55	Pool BRW	P
PE 048	3-0-0	T'ai-Chi Ch'uan, Beginning and Intermediate/Advanced	01	Mugglebee, P	M 15:00 - 15:55 R 19:00 - 19:55	BAC BAC	P
PE 054	3-0-0	Racquetball, Beginning and Intermediate/Advanced	01	Gardner, T	TR 13:00 - 14:25	BAC	P
PE 056	3-0-0	Squash, Beginning, Intermediate, Advanced	01	Bresanello, S	MWF 11:00 - 11:55	BAC	P
PE 060	3-0-0	Tennis, Beginning, Intermediate, and Advanced	01	Eslinger, O	TR 10:30 - 11:55	TCT BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate	01	Mark, M / Houck, T	TR 09:00 - 10:25	BAC	P
PE 080B	1-1-1	Health Advocates <i>maximum enrollment: 24 students per section</i>	01	Stapf, M	W 19:00 - 21:55	YHC	P
			02	Stapf, M	R 19:00 - 21:55	YHC	P
PE 081	3-0-0	Bouldering <i>course cancelled</i>	01	Staff	A	A	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate <i>course cancelled</i>	01	Staff	A	A	P
PE 083B	3-0-0	Intercollegiate Basketball Team (Women)	01	Marbut, S	MTWRFS 16:00 - 17:55	BAC	P
PE 084	3-0-0	Table Tennis, Beginning, Intermediate, and Advanced	01	Gamble, M	MW 10:00 - 11:55	BRW	P
PE 085A	3-0-0	Intercollegiate Track and Field Team (Men and Women)	01	Raphelson, B	MTWRFS 16:00 - 17:55	BAC	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICAL EDUCATION							
PE 087B	3-0-0	Intercollegiate Swimming Team (Men and Women)	01	Hughes, P	MTWRFS 16:00 - 17:55	POOL BRN	P
PE 089B	3-0-0	Intercollegiate Fencing Team (Men and Women)	01	Corbit, C	MTWRFS 16:00 - 17:55	BRW	P
PE 090B	3-0-0	Intercollegiate Water Polo Team (Men and Women)	01	Bonafede, J	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 091B	3-0-0	Intercollegiate Basketball Team (Men)	01	Eslinger, O	MTWRFS 16:00 - 17:55	BAC	P
PE 093A	3-0-0	Intercollegiate Baseball Team (Men)	01	Mark, M	MTWRFS 16:00 - 17:55	BAC	P
PE 095A	3-0-0	Intercollegiate Tennis Team (Men)	01	Gamble, M	MTWRFS 16:00 - 17:55	TCT BAC	P
PE 096A	3-0-0	Intercollegiate Tennis Team (Women)	01	Gamble, M	MTWRFS 16:00 - 17:55	TCT BAC	P
PHYSICS							
Ph 001B	4-0-5	Classical Mechanics and Electromagnetism <i>Practical Track- Sections 1-5 // Analytical Track - Sections 6-10// section 5 & 10 cancelled //Maximum Enrollment: 35 students per section</i>	01	Martin, C	F 15:00 - 15:55	201 BRG	P
			02	Martin, C	MWR 13:00 - 13:55	119 DWN	P
					F 15:00 - 15:55	201 BRG	P
					MR 15:00 - 15:55	B111 DWN	
					W 11:00 - 11:55	B111 DWN	
			03	Martin, C	F 15:00 - 15:55	201 BRG	P
					MWR 15:00 - 15:55	103 DWN	
			04	Martin, C	F 15:00 - 15:55	201 BRG	P
		MR 15:00 - 15:55	B127 GCL				
		W 11:00 - 11:55	B127 GCL				
06	Hsieh, D	WF 11:00 - 11:55	201 BRG	P			
		MR 15:00 - 15:55	119 DWN				
07	Hsieh, D	WF 11:00 - 11:55	201 BRG	P			
		MR 13:00 - 13:55	269 LAU				
08	Hsieh, D	WF 11:00 - 11:55	201 BRG	P			

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 001B	4-0-5	Classical Mechanics and Electromagnetism <i>Practical Track- Sections 1-5 // Analytical Track - Sections 6-10// section 5 & 10 cancelled //Maximum Enrollment: 35 students per section</i>	08	Hsieh, D	MR 15:00 - 15:55	142 KCK	P
			09	Hsieh, D	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	151 CRL	
Ph 002B	4-0-5	Waves, Quantum Mechanics, and Statistical Physics <i>Maximum enrollment: 35 students per section // section 4 & 5 cancelled</i>	01	Cheung, C	R 11:00 - 11:55	155 ARM	G
					T 11:00 - 11:55	201 BRG	
					WF 09:00 - 09:55	B111 DWN	
			02	Cheung, C	R 11:00 - 11:55	155 ARM	G
					T 11:00 - 11:55	201 BRG	
					WF 11:00 - 11:55	103 DWN	
Ph 003	0-3-3	Physics Laboratory <i>Maximum enrollment: 24 students per section</i>	01	Libbrecht, K / Black, E	OM,W 13:00 - 13:55	201 BRG	
					W 13:00 - 15:55	308 BRG	
			02	Black, E / Libbrecht, K	OM,W 13:00 - 13:55	201 BRG	
					R 13:00 - 15:55	308 BRG	
			03	Libbrecht, K / Black, E	OM,W 13:00 - 13:55	201 BRG	
					F 13:00 - 15:55	308 BRG	
Ph 006	0-9-0	Physics Laboratory	01	Rice, F / Politzer, H	OM,R 15:00 - 15:55	201 BRG	
Ph 008B	0-3-0	Experiments in Electromagnetism <i>Maximum enrollment: 13 students</i>	01	Spiropulu, M	OM,W 15:00 - 15:55	201 BRG	P
FS/Ph 011B	2-0-4	Freshman Seminar: Research Tutorial	01	Phillips, R	A	201 SLN	P
Ph 012B	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Filippone, B	R 10:30 - 11:55	201 BRG	G
					T 10:30 - 11:55	269 LAU	
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Prince, T	OM,W 15:00 - 15:55	304 BRG	P
Ph 021	0-6-0	Computational Physics Laboratory II	01	Mach, C / Prince, T	OM,W 15:00 - 15:55	304 BRG	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 022	0-6-0	Computational Physics Laboratory III	01	Mach, C / Prince, T	OM,W 15:00 - 15:55	304 BRG	P
Ph 050B	1-0-3	Caltech Physics League	01	Refael, G	A	A	
Ph 077A	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,W 15:00 - 15:55	210 BRG	
Ph 077B	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,W 15:00 - 15:55	210 BRG	
Ph 077C	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,W 15:00 - 15:55	210 BRG	
Ph 078B	+	Senior Thesis Experimental	01	Stone, E	A	A	P
Ph 079B	+	Senior Thesis Theoretical	01	Stone, E	A	A	P
Ph 106B	3-0-6	Topics in Classical Physics	01	Weinstein, A / Golwala, S	TR 10:30 - 11:55	107 DWN	
APh/Ph 115	3-0-9	Physics of Momentum Transport in Hydrodynamic Systems <i>Supplementary lectures and instructional movies on Fridays 1-2:25pm in 104 WAT</i>	01	Troian, S	TR 13:00 - 14:25 F 13:00 - 14:25	104 WAT 104 WAT	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	P
Ph 125B	3-0-6	Quantum Mechanics	01	Guadalupe Dos Santos Lins Brandao, F	MWF 10:00 - 10:55	107 DWN	
Ph 127B	3-0-6	Statistical Physics	01	Motrunich, O	MW 13:00 - 14:25	107 DWN	
Ph 129B	3-0-6	Mathematical Methods of Physics <i>Group Theory</i>	01	Chen, X	TR 09:00 - 10:25	107 DWN	

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 135B	3-0-6	Applications of Quantum Mechanics	01	Endres, M	TR 13:00 - 14:25	107 DWN	P
Ph 136B	3-0-6	Applications of Classical Physics	01	Phinney, E	TR 14:30 - 15:55	269 LAU	
Ph 171	+	Reading and Independent Study	01	Wilson, R	A	A	P
			02	Carroll, S	A	A	P
			03	Cross, M	A	A	P
			04	Refael, G	A	A	P
			05	Kapustin, A	A	A	P
			06	Yeh, N	A	A	P
			07	Wise, M	A	A	P
			08	Schwarz, J	A	A	P
			09	Phinney, E	A	A	P
			10	Motrunich, O	A	A	P
			11	Phillips, R	A	A	P
			12	Simon, B	A	A	P
			13	Cheung, C	A	A	P
			14	Troian, S	A	A	P
			15	Chen, X	A	A	P
			16	Chen, Y	A	A	P
			19	Libbrecht, K	A	A	P
			22	Gukov, S	A	A	P
			24	Oguri, H	A	A	P
			28	Politzer, H	A	A	P
			29	Porter, F	A	A	P
			30	Preskill, J	A	A	P
			39	Thorne, K	A	A	P
			40	Weinstein, A	A	A	P
			41	Golwala, S	A	A	P
			42	Alicea, J	A	A	P
			43	Kitaev, A	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 172	+	Research in Experimental Physics	01	Okumura, M	A	A	P
			02	Patterson, R	A	A	P
			03	Flagan, R	A	A	P
			04	Bellan, P	A	A	P
			05	Eisenstein, J	A	A	P
			06	Filippone, B	A	A	P
			07	Scherer, A	A	A	P
			08	Readhead, A	A	A	P
			09	Fraser, S	A	A	P
			10	Adhikari, R	A	A	P
			11	Harrison, F	A	A	P
			12	Hitlin, D	A	A	P
			13	Pine, J	A	A	P
			14	Heath, J	A	A	P
			15	Painter, O	A	A	P
			16	Kimble, H	A	A	P
			17	Prince, T	A	A	P
			18	Troian, S	A	A	P
			19	Libbrecht, K	A	A	P
			20	Bock, J	A	A	P
			21	Martin, C	A	A	P
			22	Atwater, H	A	A	P
			23	Ellis, R	A	A	P
			24	Stone, E	A	A	P
			25	Hsieh, D	A	A	P
			26	Rosenbaum, T	A	A	P
			27	Nad Perge, S	A	A	P
			28	Chen, Y	A	A	P
			29	Porter, F	A	A	P
			30	Winfree, E	A	A	P
			34	Roukes, M	A	A	P
			41	Phillips, R	A	A	P
			42	Weinstein, A	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 172	+	Research in Experimental Physics	44	Yeh, N	A	A	P
			45	Hoffmann, M	A	A	P
			46	Zmuidzinas, J	A	A	P
			49	Newman, H	A	A	P
			50	Golwala, S	A	A	P
			51	Spiropulu, M	A	A	P
			52	Schwab, K	A	A	P
			53	Haile, S	A	A	P
			54	Mawet, D	A	A	P
			55	Alicea, J	A	A	P
			57	Endres, M	A	A	P
Ph 173	+	Research in Theoretical Physics	01	Libbrecht, K	A	A	P
			02	Filippone, B	A	A	P
			03	Refael, G	A	A	P
			04	Goddard, W	A	A	P
			05	Carroll, S	A	A	P
			06	Marcus, R	A	A	P
			07	Alicea, J	A	A	P
			08	Chen, Y	A	A	P
			09	Cross, M	A	A	P
			10	Gukov, S	A	A	P
			11	Teukolsky, S	A	A	P
			12	Ott, C	A	A	P
			14	Cheung, C	A	A	P
			15	Kapustin, A	A	A	P
16	Schwarz, J	A	A	P			
17	Prince, T	A	A	P			
18	Hirata, C	A	A	P			
19	Motrunich, O	A	A	P			
20	Atwater, H	A	A	P			
21	Scheel, M	A	A	P			
22	Hopkins, P	A	A	P			
23	Troian, S	A	A	P			

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 173	+	Research in Theoretical Physics	24	Oguri, H	A	A	P
			25	Phinney, E	A	A	P
			26	Stevenson, D	A	A	P
			27	Yue, Y	A	A	P
			28	Chen, X	A	A	P
			29	Scoville, N	A	A	P
			30	Preskill, J	A	A	P
			31	Guadalupe Dos Santos	A	A	P
				Lins Brandao, F			
			33	Kitaev, A	A	A	P
			39	Thorne, K	A	A	P
			43	Wise, M	A	A	P
			50	Phillips, R	A	A	P
			51	Porter, F	A	A	P
52	Scheel, M	A	A	P			
53	Bernardi, M	A	A	P			
Ph 205B	3-0-6	Relativistic Quantum Field Theory	01	Wise, M	MW 10:30 - 11:55	269 LAU	P
Ph/CS 219B	3-0-6	Quantum Computation	01	Kitaev, A / Preskill, J	MW 14:30 - 15:55	269 LAU	P
Ph/APh 223A	3-0-6	Advanced Condensed-Matter Physics	01	Alicea, J	MW 09:00 - 10:25	269 LAU	
Ph 229B	3-0-6	Advanced Mathematical Methods of Physics	01	Oguri, H	TR 10:30 - 11:55	469 LAU	
Ph 242B	2-0-1	Physics Seminar	01	Stone, E / Refael, G	F 12:00 - 13:55	114 BRG	P
Ph 250B	3-0-6	Introduction to String Theory	01	Gukov, S	TR 09:00 - 10:25	469 LAU	
Ph 300	+	Thesis Research	01	Adhikari, R	A	A	P
			02	Desbrun, M	A	A	P
			03	Cross, M	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 300	+	Thesis Research	04	Zmuidzinas, J	A	A	P
			05	Eisenstein, J	A	A	P
			06	Filippone, B	A	A	P
			07	Harrison, F	A	A	P
			08	Phillips, T	A	A	P
			09	Daraio, C	A	A	P
			10	Barish, B	A	A	P
			11	Golwala, S	A	A	P
			12	Hitlin, D	A	A	P
			13	Martin, C	A	A	P
			14	Goddard, W	A	A	P
			15	Kapustin, A	A	A	P
			16	Kimble, H	A	A	P
			17	Lester, H	A	A	P
			18	Readhead, A	A	A	P
			19	Weinstein, A	A	A	P
			20	Libbrecht, K	A	A	P
			21	Hirata, C	A	A	P
			22	Troian, S	A	A	P
			23	McKeown, R	A	A	P
			24	Newman, H	A	A	P
			25	Oguri, H	A	A	P
			26	Ellis, R	A	A	P
			27	Phillips, R	A	A	P
			28	Pine, J	A	A	P
			29	Kitaev, A	A	A	P
			30	Porter, F	A	A	P
			31	Preskill, J	A	A	P
			32	Marcolli, M	A	A	P
			33	Wilson, R	A	A	P
			34	Bellan, P	A	A	P
			35	Roukes, M	A	A	P
			36	Refael, G	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
PHYSICS										
Ph 300	+	Thesis Research	37	Schwarz, J	A	A	P			
			38	Atwater, H	A	A	P			
			39	Stone, E	A	A	P			
			40	Painter, O	A	A	P			
			41	Scoville, N	A	A	P			
			42	Marcus, R	A	A	P			
			43	Wise, M	A	A	P			
			44	Yeh, N	A	A	P			
			45	Gharib, M	A	A	P			
			46	Prince, T	A	A	P			
			47	Kennedy, M	A	A	P			
			48	Thorne, K	A	A	P			
			49	Cheung, C	A	A	P			
			50	Chen, Y	A	A	P			
			51	Spiropulu, M	A	A	P			
			52	Gukov, S	A	A	P			
			53	Fraser, S	A	A	P			
			54	Phinney, E	A	A	P			
			55	Heath, J	A	A	P			
			56	Chen, X	A	A	P			
			57	Yue, Y	A	A	P			
			58	Ott, C	A	A	P			
			59	Winfree, E	A	A	P			
			60	Schwab, K	A	A	P			
			61	Motrunich, O	A	A	P			
			62	Bock, J	A	A	P			
			63	Carroll, S	A	A	P			
			POLITICAL SCIENCE							
			PS 020	3-0-6	Political-Economic Development and Material Culture	01	Ordeshook, P	TR 14:30 - 15:55	125 BAX	
			PS 097	+	Undergraduate Research <i>Instructor permission required prior to</i>	01	Staff	A	A	P

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
POLITICAL SCIENCE							
PS 099B	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course // Instructor permission required prior to registering</i>	01	Ordeshook, P	A	A	
PS 121	3-0-6	Analyzing Congress <i>maximum enrollment: 15 students</i>	01	Hirsch, A	TR 10:30 - 11:55	125 BAX	G
PS 123	3-0-6	Regulation and Politics <i>maximum enrollment: 35 students</i>	01	Kiewiet, D	W 19:00 - 21:55	B125 BAX	G
An/PS 127	3-0-6	Corruption <i>maximum enrollment: 15 students // Designated as Writing Intensive Course</i>	01	Ensminger, J	MW 14:30 - 15:55	127 BAX	G
PS 141A	3-0-6	A History of Budgetary Politics in the United States <i>designated as Writing Intensive course // maximum enrollment: 60 students</i>	01	Kiewiet, D	TR 14:30 - 15:55	B180 BBB	G
Law/PS/H 148A	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students // Writing Intensive Course</i>	01	Kousser, J	T 19:30 - 22:25	127 BAX	G
Ec/PS 160B	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260// Completion of Ec/PS 160A required for b and c classes //Max of 10 students for both Ec 160 & SS 260</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
PS/Ec 172	3-0-6	Game Theory	01	Tamuz, O	TR 14:30 - 15:55	B125 BAX	G
PSYCHOLOGY							
CNS/SS/Psy/Bi 102A	3-0-6	Brains, Minds, and Society	01	Adolphs, R / O'Doherty, J	MW 14:30 - 15:55	100 - Rock Auditorium BRD	
SS/Psy/CNS 285	3-0-0	Topics in Social, Cognitive, and Decision Sciences <i>open to undergraduates with instructor approval</i>	01	Adolphs, R / Alvarez, R	M 19:00 - 20:55	125 BAX	P
SOCIAL SCIENCE							

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
SOCIAL SCIENCE							
SS 098	+	Reading in Social Science	01	Kiewiet, D	A	A	P
		<i>Instructor permission required prior to registering</i>	02	Kousser, J	A	A	P
CNS/SS/Psy/Bi 102A	3-0-6	Brains, Minds, and Society	01	Adolphs, R / O'Doherty, J	MW 14:30 - 15:55	100 - Rock Auditorium BRD	
Ec/SS 124	3-0-6	Identification Problems in the Social Sciences <i>maximum enrollment: 15 students</i>	01	Sherman, R	TR 13:00 - 14:25	128 BAX	
CS/SS/Ec 149	3-0-6	Introduction to Algorithmic Economics	01	Echenique, F / Pomatto, L	MWF 10:00 - 10:55	125 BAX	G
SS 201B	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only</i>	01	Tamuz, O	TR 10:30 - 11:55	B125 BAX	G
SS 202B	3-0-6	Political Theory <i>Open to Social Science graduate students only</i>	01	Katz, J	R 13:00 - 15:55	237 BAX	G
SS 205B	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.</i>	01	Echenique, F	MWF 09:00 - 09:55	128 BAX	G
SS 211B	3-0-6	Advanced Economic Theory	01	Saito, K	TR 13:30 - 14:55	228 BAX	G
		<i>section 1: Decision Theory and Experiments // section 2: Monotone Comparative Statics</i>	02	Echenique, F / Pomatto, L	TR 10:30 - 11:55	237 BAX	G
SS/Ma 214	3-0-6	Mathematical Finance	01	Cvitanic, J	MW 17:00 - 18:25	127 BAX	
SS 222B	3-0-6	Econometrics <i>Open to graduate students only.</i>	01	Gillen, B	WF 10:30 - 11:55	B125 BAX	G
SS 223B	3-0-6	Advanced Topics in Econometric Theory <i>open to graduate students only.</i>	01	Shum, M	M 13:00 - 15:55	B133 BAX	G
SS 227	3-0-6	Empirical Methods in the Social Sciences	01	Ewens, M	W 13:00 - 15:55	125 BAX	G
SS 229B	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Hoffman, P	M 14:30 - 15:55 W 10:30 - 11:55	125 BAX 127 BAX	G

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
SOCIAL SCIENCE							
CNS/SS 251	2-1-6	Human Brain Mapping: Theory and Practice <i>Maximum enrollment: 20 students</i>	01	O'Doherty, J	R 13:30 - 15:25	B167 BRD	G
SS 260	3-3-3	Experimental Methods of Political Economy <i>Taught concurrently with Ec/PS 160B // Maximum 10 students for both Ec 160 & SS 260 //sec a required for secs b & c</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
SS 282B	2-0-1	Graduate Proseminar in Social Science	01	Camerer, C	M 13:00 - 14:25	125 BAX	P
SS/Psy/CNS 285	3-0-0	Topics in Social, Cognitive, and Decision Sciences <i>open to undergraduates with instructor approval</i>	01	Adolphs, R / Alvarez, R	M 19:00 - 20:55	125 BAX	P
SS 300	+	Research in Social Science	01	Adolphs, R	A	A	P
			02	Palfrey, T	A	A	P
			03	Gillen, B	A	A	P
			04	O'Doherty, J	A	A	P
			05	Jin, J	A	A	P
			06	Katz, J	A	A	P
			07	Kiewiet, D	A	A	P
			08	Echenique, F	A	A	P
			10	Plott, C	A	A	P
			11	Alvarez, R	A	A	P
			12	Camerer, C	A	A	P
			13	Border, K	A	A	P
			14	Cvitanic, J	A	A	P
			15	Snowberg, E	A	A	P
			16	Rosenthal, J	A	A	P
			18	Shum, M	A	A	P
			19	Rangel, A	A	A	P
			20	Yariv, L	A	A	P
			21	Perona, P	A	A	P
			23	Hoffman, P	A	A	P
			24	O'Doherty, J	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule WI 2016-17

Web Address - <http://www.registrar.caltech.edu/>

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
SOCIAL SCIENCE							
SS 300	+	Research in Social Science	25	O'Doherty, J	A	A	P
			26	Lester, H	A	A	P
			27	Mobbs, D	A	A	P
STUDY ABROAD							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
UCL100	36-0-0	University College London Scholars Program	01	Staff	A	A	P
EDN100	36-0-0	University of Edinburgh Scholars Program	01	Staff	A	A	P
WRITING							
Wr 003	+	Reading and Composing Academic Writing <i>Class is taught as individually scheduled meetings // Organizational meeting Wednesdays at 10:30 in 115 Dabney</i>	01	Daley, C	A	A	P
Wr 004	1-0-2	Principles and Practices of Academic Writing	01	Hall, S	R 12:00 - 12:55	117 DAB	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P