

No.	Title	Instructor	Sponsor	Location	Date	No. of Students
1	Modern Design Techniques and Applications of Active Filters	P.E. Allen (100% of lectures)	Sysdyne, Inc.	San Diego, CA	January 29-31, 1973	15
2	Design and Application of Active Filters	P.E. Allen (50%), L.P. Huelsman (50%)	P.E. Allen	Santa Barbara, CA	August 12-16, 1974	13
3	Switched Capacitor Circuits	P.E. Allen (50%), E.Sanchez-Sinencio (50%)	Medtronics, Inc.	Minneapolis, MN	July 27-30, 1981	24
4	Analog CMOS Circuit Design	P.E. Allen (100% of lectures)	Royal Institute of Technology	Stockholm, Sweden	Mar. 30-Apr. 2, 1982	35
5	Analog VLSI Circuit Design	P.E. Allen (100% of lectures)	Lockheed Research Corporation	Palo Alto, CA	January 6-11, 1983	22
6	CMOS Analog Circuit Design	P.E. Allen (100% of lectures)	Berlin Continuing Engr. Ed. Program	Berlin, Germany	October 15-17, 1984	20
7	CMOS Analog Circuit Design	P.E. Allen (100% of lectures)	Berlin Continuing Engr. Ed. Program	Berlin, Germany	Sept. 10-13, 1985	24
8	CMOS Analog Circuit Design	P.E. Allen (100% of lectures)	Berlin Continuing Engr. Ed. Program	Berlin, Germany	June 9-14, 1986	27
9	CMOS Analog Circuit Design	P.E. Allen (100% of lectures)	Berlin Continuing Engr. Ed. Program	Berlin, Germany	March 16-20, 1987	27
10	Analog CMOS Circuit Design	P.E. Allen (100% of lectures)	Analog Devices	Limerick, Ireland	June 22-26, 1987	30
11	CMOS Analog IC Design and CAD Techniques	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 11-15, 1988	39
12	CMOS Analog IC Design and CAD Techniques	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 10-14, 1989	23
13	CMOS Analog IC Design and CAD Techniques	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 16-20, 1990	31
14	CMOS Analog IC Design and CAD Techniques	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 8-12, 1991	19
15	CMOS Analog Circuit Design	P.E. Allen (100% of lectures)	Berlin Continuing Engr. Ed. Program	Berlin, Germany	June 15-19, 1992	6

16	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June	24
17	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	London, UK	June 28-Jul 2, 1993	18
18	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	London, UK	July 4-8, 1994	26
19	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Edinburgh , UK	July 11-14, 1994	12
20	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	London, UK	June 26-30, 1995	36
21	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	GEC Plessey Man., UK	July 3-7, 1995	12
22	Low-Voltage IC Design	P.E. Allen (25% of lectures)	Helsinki University of Technology	Helsinki, Finland	June 10- 19, 1996	30
23	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Nat. Semi., Greenock, Scotland	June 24-28, 1996	20
24	BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 1-5, 1996	57
25	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	IBM	Austin, TX	January 27-31, 1997	20
26	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 30-July 4, 1997	48
27	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	GEC Plessey, Manchester, UK	July 7-11, 1997	15
28	Switched Capacitor Circuits	P.E. Allen (100% of lectures)	Intel Corporation	Chandler, AZ	August 12 & 13, 1997	30
29	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	Sept. 8-12, 1997	55
30	CMOS Analog Integrated Circuit Design, RF CMOS Circuit Design	P.E. Allen (100% of lectures)	Rockwell	Nice, France	Sept. 18-23, 1997	12
31	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	LeCroy Corporation	Woodcliff Lake, NJ	October 29-31, 1997	15

32	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Motorola	Tempe, AZ	January 12-16, 1998	27
33	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	San Jose, CA	March 23-27, 1998	40
34	CMOS Analog Integrated Circuit Design with a Process Emphasis	P.E. Allen (100% of lectures)	Lucent	Orlando, FL	April 2-3, 6-7, 1998	20
35	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Motorola	Schaum-berg, IL	Apr 13-17, 1998	25
36	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 29-July 3, 1998	48
37	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	Sept.14-18, 1998	38
38	CMOS Analog Integrated Circuits	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Santa Clara, CA	June 14-19, 1999	34
39	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 28-July 2, 1999	54
40	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Limerick, Ireland	July 5-9, 1999	59
41	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Motorola	Tempe, AZ	August 2-6, 1999	30
42	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	August 9-13, 1999	29
43	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Motorola	Tempe, AZ	October 25-29, 1999	30
44	CMOS Analog Integrated Circuits	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Milpitas, CA	May 15-19, 2000	33
45	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 3-7, 2000	42
46	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	August 7-11, 2000	53

47	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Industrial Training and Services, Ltd. Trinity College, Dublin, Ireland	Nice, France	Sept. 25-29, 2000	31
48	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Industrial Training and Services, Ltd. Trinity College, Dublin, Ireland	Limerick, Ireland	Oct. 16-20, 2000	45
49	CMOS Analog Integrated Circuits and Systems Design	P.E. Allen (95% of lectures - Ganesh Balachandran 5% plus problem session, lab)	Indian Institute of Technology Foundation, Omaha, NB	Kharagpur, India	Dec. 1-10, 2000	37
50	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Motorola	Mundelein, IL	Dec. 18-20, Jan. 15-16, 2001	29
51	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Milpitas, CA	May 14-18, 2001	13
52	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Industrial Training and Services, Ltd. Trinity College, Dublin, Ireland	Paris (Univ. of Paris-Sud), France	June 25-29, 2001	10
53	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 9-13, 2001	40
54	CMOS Analog Integrated Circuit and Systems Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	Aug. 6-10, 2001	20
55	CMOS Analog Integrated Circuit and Systems Design	P.E. Allen (100% of lectures)	Institute for Systems Level Integration	Livingston, Scotland	Aug. 13-17, 2001	27
56	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Wolfson Microelectronics, Ltd.	Edinburgh, Scotland	Aug. 20-24, 2001	13
57	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Industrial Training and Services, Ltd. Trinity College, Dublin, Ireland	Limerick, Ireland	Oct. 15-19, 2001	33
58	CMOS Analog Integrated	P.E. Allen	Georgia Tech Continuing Education	Milpitas, CA	May 6-10, 2002	31

59	CMOS Analog Integrated Circuit and Systems Design	P.E. Allen (100% of lectures)	Institute for Systems Level Integration	Livingston, Scotland	Aug. July 1-5, 2001	24
60	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 8-12, 2002	30
61	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	Aug. 5-9, 2002	20
62	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Industrial Training and Services, Ltd. Trinity College, Dublin, Ireland	Dublin, Ireland	Sept. 23-27, 2002	25
63	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	InfoComm	Singapore	Oct. 14-18, 2002	15
64	CMOS Phase Locked Loops	P.E. Allen (90% of lectures) Susanta Sengupta (10% of lectures)	InfoComm	Singapore	Oct. 21-23, 2002	10
65	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	ITD	Norcross, GA	Nov. 7 & 14, Dec. 5, 12, & 19, 2002	15
66	CMOS Wireless and High Speed Circuit Design	P.E. Allen (100% of lectures)	Univ. of California Berkeley, Extension	National Semi., Santa Clara, CA	Jan. 28-31, 2003	16
67	CMOS Circuits and Systems	P.E. Allen (100% of lectures)	InfoComm	Singapore	March 3-7, 2003	12
68	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	InfoComm	Bangalore, India	Mar. 10-14, 2003	10
69	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 7-11, 2003	19
70	CMOS Analog Integrated Circuit and Systems Design	P.E. Allen (100% of lectures)	Institute for Systems Level Integration	Livingston, Scotland	July 14-18, 2003	15
71	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	Aug. 4-8, 2003	19
72	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Sandia Laboratory	Albuquerque, NM	Aug. 18-22, 2003	25

73	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Industrial Training and Services, Ltd. Trinity College, Dublin, Ireland	Limerick, Ireland	Sept. 22-26, 2003	33
74	CMOS Phase Locked Loops	P.E. Allen (100% of lectures)	Texas Instruments, Nice, France	Nice, France	Oct. 6-8, 2003	33
75	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	University of Trento	Trento, Italy	Oct. 13-17, 2003	65
76	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Milpitas, CA	May 10-14, 2004	21
77	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 28-July 2, 2004	26
78	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Georgia Tech Continuing Education	Atlanta, GA	Aug. 2-6, 2004	8
79	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Taught to Lexmark and sponsored by SPIE	Lexington, KY	Oct. 25-29, 2004	22
80	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	May 23-27, 2005	6
81	CMOS/BiCMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 26-July 1, 2005	24
82	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Cypress Semiconductor	Colorado Springs, CO	Aug. 29-Sept. 2, 2005	23
83	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Intel	Ft. Collins, CO	Dec. 5-9, 2005	19
84	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Santa Clara, CA	March 27-31, 2006	14
85	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	June 12-16, 2006	8
86	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 3-7, 2005	32
87	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	DDC	Bohemia, NY	Sep. 5-8, 2006	10

88	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Taught to Atmel and sponsored by Trinity College, Dublin	Rousset, France	Oct. 9-13, 2006	29
89	CMOS Analog Integrated Circuit and Systems Design	P.E. Allen (100% of lectures)	Institute for Systems Level Integration	Livingston, Scotland	Oct. 23-27, 2006	19
90	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Plantation, FL	Dec. 4-8, 2006	20
91	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Spyro Technology	Singapore	Jan. 15-19, 2007	20
92	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Innovation Centre, O'Reilly Institute Trinity College	Dublin, Ireland	Feb. 5-9, 2007	39
93	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Santa Clara, CA	March 19-23, 2007	7
94	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 25-29, 2007	25
95	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Intel Corporation	Hillsboro, OR	Mar. 12-14, 2007	20
96	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	Nov. 5-9, 2007	14
97	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Knowles Electronics	Plano, TX	June 3-5, 2008	6
98	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 7-11, 2008	15
99	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	Nov. 10-14, 2008	10
100	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	April 19-23, 2010	7
101	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 28-July 2, 2010	29
102	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	CEITEC	April 4-8, 2011	25
103	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	June 27-July 1, 2011	26

104	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	April 18-22, 2011	4
105	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	May 14-18, 2012	6
106	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre,	Imperial College, UK	June 24-29, 2012	16
107	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	AICDesign	Amelia Island, FL	April 22-26, 2013	3
108	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 1-5, 2013	17
109	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Motorola Solutions Israel Ltd.	Tel Aviv, Israel	Oct. 27-31, 2013	12
110	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre,	Imperial College, UK	July 7-11, 2014	14
111	Custom Course on Analog IC Design	P.E. Allen (100% of lectures)	NXP Semiconductors,	Tempe, AZ	July 21-14, 2014	16
112	CMOS Analog Integrated Circuit Design	P.E. Allen (100% of lectures)	Continuing Education Centre, Imperial College	Imperial College, UK	July 6-10, 2015	16
					Total Students	2690