

COMPLETE PROGRAM SCHEDULE

INSTRUCTIONS FOR USE OF SCHEDULE

The program schedule printed on this page is the complete and official schedule authorized by the Deans' Office. The use of this simplified schedule is best explained by an example. For instance, assume the program to be made out is that of a Junior Civil. He will turn to page 25 in the Abstracted Bulletin of the Institute. Here he will find the subjects listed which must be taken in the first semester of the Junior year. After each course will be found a number such as English 5, M. E. 30, or C. E. 12. These numbers correspond to the numbers given in the schedule given above. The number C. E. 12 would natu-

ally be found under the Civil department courses, and opposite this number are given the days of the week, the time, the room, and the instructor. In this way, each course can be followed through until a complete is arranged. Any conflicts found in making out a program should be reported to the Deans' Office at once.

Note: A dash in the column under Dept. indicates that the course is open to students of all departments. Key: Dfg. R.—drafting room; P. L. R.—Physics Lecture Room, second floor Main building; E. L. R.—Electrical Lecture Room, second floor, Main building; Sc. Hall—Science Hall, third floor Main building.

MECHANICAL

Departmental	Course No.	Course	Dept.	Day of Week	Time	Room	Instructor
Mechanical	M. E. 1	Dev. of Heat Eng.	M. E.	M. Th.	10:30	B. Chapin	Nachman
	M. E. 1	Dev. of Heat Eng.	M. E.	T. F.	10:30	B. Chapin	Nachman
	M. E. 2	Mechanism	M. E.	M. W. F.	11:30	C. Chapin	Swineford
	M. E. 4	Machine Drawing	M. E.	M. W. F.	2:10	Dfg. R., Chapin Hall	Winston
	M. W. E. 6	Valve Gears	M. E.	M. W. F.	11:30	A. Machinery	Nachman
	M. E. 6	Valve Gears	M. E.	M. Th. F.	1:10	A. Machinery	Swineford
	M. E. 8	Adv. Mach. Drawing	M. E.	T. Th. F.	2:10	Dfg. R., Chapin Hall	Swineford
	M. E. 10	Heat Power Eng.	M. E.	Daily	10:30	A. Machinery,	Gebhardt
	M. E. 13	Thermodynamics	M. E.	M. P. Th. F.	9:30	A. Machinery,	Nachman
	M. E. 16	Jr. Exp. Eng. Lab.	M. E.		1:10	A. Machinery,	Lab. Instructors
	M. E. 18	Jr. Exp. Eng. Lab.	M. E.	Daily and Sat. A. M.	2:10	Experimental Lab.	Lab. Instructors
	M. E. 19	Sr. Exp. Eng. Lab.	M. E.	W.	11:30	C. Machinery	Lab. Instructors
	M. E. 19	Power Plant Draw.	M. E.	Daily and Sat. A. M.	2:10	Experimental Lab.	Lab. Instructors
	M. E. 22	Mechanical Draw.	M. E.	M. W. Th.	2:10	Mission Bldg.	Perry
	M. E. 22	Mechanical Draw.	M. E.	To Be Arranged	8:30	Drg. R., Main	Foster
	M. E. 24	El. Mach. Drawing	M. E.	Daily and Sat. A. M.	8:30	Drg. R., Main	Foster
	M. E. 26	Descriptive Geom.	M. E.	M. W. F.	1:10	F. Chapin	Foster
	M. E. 26	Descriptive Geom.	M. E.	M. W. F.	2:10	F. Chapin	Foster
	M. E. 26	Descriptive Geom.	M. E.	T. Th. F.	4:10	A. Chapin	Seegrist
	M. E. 26	Descriptive Geom.	M. E.	M. W. F.	2:10	H. Chapin	Sear
	M. E. 27	Desc. Geom. Dwg.	Arch.	Sat. A. M.	8:30	Drg. R., Main	Foster
	M. E. 27	Machine Design	E. E.	M. T. F.	9:30	F. Chapin	Swineford
	M. E. 27	Machine Design	E. E.	M. T. F.	9:30	A. Mission	Winston
	M. E. 27	Machine Design	Ch. E.	Th. F.	10:30	C. Machinery	Seegrist
	M. E. 27	Machine Design	Ch. E.	Th. F.	11:30	F. Chapin	Seagrist
	M. E. 30	Machine Design	F. P. E.	M. W. F.	11:30	D. Chapin	Lab. Instructors
	M. E. 30	Exp. Eng. Lect.	E. E.	F.	10:30	F. Chapin	Lab. Instructors
	M. E. 30	Exp. Eng. Lab.	E. E.	M. T. Th.	2:10	Exp. Eng. Lab.	Lab. Instructors
	M. E. 30	Exp. Eng. Lect.	E. E.	C. Mission	9:30	C. Mission	Lab. Instructors
	M. E. 30	Exp. Eng. Lab.	C. E.	T. W. F. Sat. A. M.	2:10	Exp. Eng. Lab.	Lab. Instructors
	M. E. 30	Exp. Eng. Lect.	F. P. E.	T.	11:30	H. Chapin	Lab. Instructors
	M. E. 36	Exp. Eng. Lab.	F. P. E.	T. Th. F. Sat. A. M.	2:10	Exp. Eng. Lab.	Lab. Instructors
	M. E. 36	El. Heat. Power	F. P. E.	M. F.	10:30	B. Machinery	Winston
	M. E. 37	El. Heat. Power	C. E.	T. Th.	1:10	C. Chapin	Nachman
	M. E. 37	Thermodynamics	E. E.	M. Th.	8:30	A. Machinery	Nachman
	M. E. 38	Thermodynamics	E. E.	M. Th. F.	1:10	B. Machinery	Nachman
	M. E. 38	Pattern Shop	M. E.	T. Th.	2:10	2nd Fl., Mach.	Peterson
	M. E. 38	Pattern Shop	E. E.	M. W.	2:10	2nd Fl., Mach.	Peterson
	M. E. 38	Pattern Shop	F. P. E.	M. W.	8:30	2nd Fl., Mach.	Peterson
	M. E. 40	Forging	.....	Daily and Sat. A. M.	8:30	1st Fl., Mach.	Foerster
M. E. 42	Foundry	.....	Daily and Sat. A. M.	8:30	4th Fl., Mach.	Larson	
M. E. 44	Machine Shop	Jr. M. E.	M. W. F.	2:10	3rd Fl., Mach.	Fornhof	
M. E. 44	Machine Shop	Sr. M. E.	T. Th.	2:10	3rd Fl., Mach.	Fornhof	
M. E. 44	Machine Shop	E. E.	M. T. F.	2:10	3rd Fl., Mach.	Fornhof	
M. E. 44	Machine Shop	F. P. E.	M. W.	8:30	3rd Fl., Mach.	Fornhof	

ELECTRICAL

Electrical	E. E. 1	Soph. Elec. Lect.	E. E.	M. W. F.	10:30	E. L. R.	Richardson
		Soph. Elec. Lect.	E. E.	M. W. F.	11:30	P. L. R.	Richardson
	E. E. 3	Soph. Elec. Lab.	E. E.	M. T. W. F.	2:10	2nd Fl., Main	Richardson
	E. E. 5	D. C. Machinery	E. E.	M. T. W. Th.	11:30	E. L. R.	Moreton
		Lab. Methods	E. E.	C. M.	10:30	C. Chapin	Moreton
	E. E. 6	D. C. Lab.	E. E.	M. W. Th.	2:10	2nd Fl., Main	Moreton
				M. T. Th.	8:30		
	E. E. 9	A. C. Machinery	E. E.	W.	1:10	E. L. R.	Freeman
				W.	2:10	Dfg. R., Mission	Freeman
				F.	9:30	E. L. R.	
	E. E. 11	A. C. Lab. Lect.	E. E.	T. W. Th.	9:30	Dynamo Lab.	Snow
	E. E. 11	A. C. Lab.	E. E.	M. T. F.	1:10	E. L. R.	Snow
	E. E. 13	Power Plants	E. E.	F.	2:10	Dfg. R., Mission	Snow
	E. E. 14	Cent. Station Des.	E. E.	M.	10:30	D. Chapin	Freeman
	E. E. 16	Econ. of Eng.	E. E.	Th.	1:10	E. L. R.	
	E. E. 20	Electricity Lect.	M. E.	T. Th.	11:30	A. Machinery	Nash
	E. E. 20	Electricity Lab.	M. E.	T. F.	2:10	2nd Fl., Lab.	Nash
	E. E. 20	Electricity Lect.	C. E.	T. Th.	9:30	B. Mission	Nash
	E. E. 20	Electricity Lab.	C. E.	M. W.	2:10	2nd Fl., Lab.	Nash
	E. E. 20	Electricity Lect.	F. P. E.	A. Mission	10:30		Clifford
E. E. 20	Electricity Lab.	F. P. E.	Th. F.	2:10	2nd Fl., Lab.	Clifford	
E. E. 20	Electricity Lab.	Ch. E.	M. W.	9:30	C. Main	Clifford	
E. E. 20	Electricity Lect.	Ch. E.	Th. Sat. A. M.	8:30	2nd Fl., Lab.	Clifford	

CIVIL

Civil	C. E. 4	Higher Surveying	C. E.	M. W. F.	11:30	A. Chapin	Jacobson
	C. E. 4	Higher Surveying	C. E.	M. W. F.	1:10	A. Mission	Jacobson
	C. E. 5	Rwy. and Hwy. Location	C. E.	M. W. F.	11:30	B. Chapin	Grafton
	C. E. 5	Rwy. and Hwy. Location	C. E.	M. W. F.	1:10	B. Chapin	Grafton
	C. E. 6	Topo. Drawing	C. E.	T.	2:10	Dfg. R., Mission	Jacobson
	C. E. 7	Strength of Mtls.	C. E.	Daily	11:30	A. Mission	Phillips
	C. E. 9	Astronomy	C. E.	M. W. F.	10:30	H. Chapin	Penn
	C. E. 11	Rwy. and Hwy. Const.	C. E.	M. W. F.	8:30	C. Mission	Stevens
	C. E. 12	Stresses	C. E.	Daily	1:10	B. Mission	Wells
	C. E. 12	Stresses	C. E.	Daily	1:10	P. L. R.	Heald
	C. E. 14	Graphics Prob.	C. E.	W. F.	2:10	Dfg. R., Mission	Grafton
	C. E. 15	Masonry and Found.	C. E.	M. T. Th.	9:30	C. Mission	Ensz
	C. E. 15	Masonry and Found.	C. E.	M. T. Th.	11:30	C. Mission	Ensz
	C. E. 17	Concrete Design	C. E.	M. W. F.	9:30	B. Mission	Stevens
	C. E. 17	Concrete Design	C. E.	Th.	2:10	Dfg. R., Chapin	Stevens
	C. E. 18	Bridge and St. Des.	C. E.	F.	11:30	C. Mission	Heald
	C. E. 18	Bridge and St. Des.	C. E.	M. Th.	2:10	Dfg. R., Mission	Heald
	C. E. 20	Bridge and St. Des.	C. E.	T.	2:10	B. Mission	Heald
	C. E. 22	Econ. of Eng.	C. E.	M. F.	2:10	Dfg. R., Mission	Heald
	C. E. 23	Highway Eng.	C. E.	T.	10:30	B. Mission	Stevens
	C. E. 25	Higher Structures	C. E.	M. T. Th.	8:30	B. Mission	Grafton
	C. E. 25	Higher Structures	C. E.	T. W. Th.	10:30	B. Mission	Stevens
	C. E. 27	Water Supply Eng.	C. E.	M. W. F.	1:10	C. Chapin	Phillips
	C. E. 31	Aerodynamics	C. E.	Daily	11:30	B. Mission	Wells
	C. E. 36	Surveying	E. E.	Sat. A. M.	8:30	B. Mission	Jacobson
	C. E. 37	Structural Design	F. P. E.	T. Th.	10:30	A. Mission	Ensz
	C. E. 39	Sanitary Eng.	Arch.	M.	2:10	Dfg. R., Chapin	Ensz
	C. E. 41	Graphic Statics	Arch.	F.	9:30	C. Mach.	Heald
	C. E. 41	Graphic Statics	Arch.	T. Th.	10:30	P. L. R.	Stevens
	C. E. 44	Steel Const.	Arch.	T. Th.	9:30	Dfg. R., Mission	Jacobson
C. E. 44	Steel Const.	Arch.	F.	9:30	D. Chapin	Ensz	
C. E. 44	Steel Const.	Arch.	W.	9:30	Dfg. R., Mission	Ensz	
C. E. 44	Steel Const.	Arch.	F.	10:30	Dfg. R., Mission	Ensz	

CHEMICAL

Chemical	Ch. E. 1	Gen. Chemistry	Ch. E.	M. T. W. Th.	3:10	P. L. R.	Gill
		Lab.		F.	11:30	Sc. Hall	Gill
	Ch. E. 5	Qual. Chemistry	Ch. E.	F.	2:10	3rd Fl. Lab.	Gill
	Ch. E. 6	Qual. Chemistry, Lab.	.....	M. T. Th. F.	3:10	3rd Fl. Lab.	Tibbals
	Ch. E. 9	Qual. Chemistry, Rec.	.....	Daily and Sat. A. M.	8:30	3rd Fl. Lab.	Lab. Instructors
	Ch. E. 10	Quant. Chemistry	Ch. E.	W. Th.	1:10	B. Main	Tibbals
	Ch. E. 13	Quant. Chemistry, Lab.	Ch. E.	W. Th.	2:10	4th Fl. Lab.	Tibbals
	Ch. E. 18	Organic Chem.	Ch. E.	M. T. F.	11:30	A. Main	Freud
	Ch. E. 15	Organic Chem. Lab.	Ch. E.	M. T.	2:10	4th Fl. Lab.	Freud
	Ch. E. 17	Organic Chem.	Ch. E.	M. T.	1:10	4th Fl. Lab.	Freud
	Ch. E. 19	Organic Chem. Lab.	F. P. E.	F.	2:10	4th Fl. Lab.	Ulock
	Ch. E. 20	Adv. Organic Chem.	Ch. E.	M. F.	9:30	B. Main	Freud
	Ch. E. 22	Chem. Eng.	Jr. Ch. E.	M. T. W.	11:30	C. Main	McCormack
	Ch. E. 24	Chem. Eng. Lab.	Jr. Ch. E.	W. Th. F.	2:10	4th Fl. Lab.	Bentley
	Ch. E. 26	Chem. Eng.	Sr. Ch. E.	M. T. W.	10:30	C. Main	McCormack
	Ch. E. 28	Chem. Eng. Lab.	Sr. Ch. E.	M. T. W.	2:10	4th Fl. Lab.	Bentley
				T.	11:30	C. Main	
	Ch. E. 30	Gen. Metallurgy	Ch. E.	F.	9:30	C. Main	Carpenter
				F.	10:30	C. Main	
	Ch. E. 32	Gen. Metallurgy, Lab.	Ch. E.	F.	1:10	Metal, Lab.	Carpenter
	Ch. E. 36	Physical Chem.	Ch. E.	M. T. F.	10:30	B. Main	Freud
	Ch. E. 39	Electro Chem., Lect.	Ch. E.	M. T.	1:10	B. Main	Bentley
	Ch. E. 40	Electro Chem.	Ch. E.	Th.	1:10	3rd Fl. Lab.	Bentley
	Ch. E. 43	Indust. Chem.	F. P. E.	T. W. Th.	10:30	B. Machinery	Schommer
	Ch. E. 45	Indust. Chem., Lab.	F. P. E.	T. Th.	2:10	4th Fl. Lab.	Schommer

FIRE PROTECTION

Departmental	Course No.	Course	Dept.	Day of Week	Time	Room	Instructor
Fire Protection	F. P. E. 1	F. P. E.	Jr. F. P. E.	T. Th.	9:30	B Chapin	Finnegan
	F. P. E. 3	F. P. E. Lab.	Jr. F. P. E.	M. W.	1:10	Underwriters	Robinson
	F. P. E. 5	F. P. E. Lab.	Sr. F. P. E.	T. Th.	1:10	Underwriters	Robinson
	F. P. E. 7	Under. Stand.	F. P. E.	T. Th.	9:30	B Chapin	Finnegan
	F. P. E. 9	Special Hazards	F. P. E.	M. W. F.	9:30	B Chapin	Finnegan
	F. P. E. 10	F. I. S.	F. P. E.	F. S.	9:30	G Chapin	Holmes
	F. P. E. 12	F. I. P.	F. P. E.	M. W. F.	9:30	B Chapin	Finnegan
	F. P. E. 14	Schedule Rating	F. P. E.	W.	11:30	G Chapin	Holmes
			F. P. E.	W.	2:10	Dft. R. Chapin	

ARCHITECTURE

Architecture	Arch. 3	Freehand	Fr. Arch.	M. F.	10:30	Art. Institute	Krehbiel
	Arch. 5	Freehand	Soph. Arch.	F.	2:10	Art. Institute	Krehbiel
	Arch. 7	Freehand	Jr. Arch.	W.	1:10	Art. Institute	Krehbiel
	Arch. 9	Water Color	Arch.	M.	1:10	Art. Institute	Krehbiel
	Arch. 11	Modelling	Fr. Arch.	M. Th.	9:30	Art. Institute	Hofmeister
	Arch. 13	Arch. Design	Fr. Arch.	Daily	8:30	Art. Institute	Peterson
	Arch. 15	Arch. Design	Soph. Arch.	Varies	...	Art. Institute	Bentley
	Arch. 17	Arch. Design	Jr. Arch.	Varies	...	Art. Institute	McCaughy
	Arch. 19	Arch. Design	Sr. Arch.	Varies	...	Art. Institute	McCaughy
	Arch. 21	Hist. of Arch.	Arch.	M. Th.	4:10	Art. Institute	Hammett
	Arch. 25	Gen. Const.	Arch.	W. F.	...	Art. Institute	Wilmanns
	Arch. 27	Specs. & Est.	Arch.	W. F.	...	Art. Institute	Wilmanns

MATHEMATICS

Mathematics	Math. B	Solid Geom.	T. Th.	11:30	G Chapin	Spencer
	Math. 1	Plane Trig.	M. T. W. Th.	1:10	A Chapin	Bibb
	Math. 1	Plane Trig.	M. T. W. Th.	2:10	A Chapin	Bibb
	Math. 1	Plane Trig.	M. T. W. Th.	1:10	C Mission	Spencer
	Math. 2	College Algebra	M. W. F.	11:30	H Chapin	Haggard
	Math. 2	College Algebra	M. W. F.	2:10	B Main	Haggard
	Math. 2	College Algebra	M. W. F.	1:10	A Main	Krathwohl
	Math. 2	College Algebra	M. W. F.	1:10	D Mission	Teach
	Math. 2	College Algebra	M. W. F.	2:10	D Mission	Teach
	Math. 2	College Algebra	M. W. F.	2:10	A Main	Palmer
	Math. 2	College Algebra	M. W. F.	3:10	C Mission	Spencer
	Math. 3	Appl. of Trig.	T. Th.	2:10	B Main	Haggard
	Math. 3	Appl. of Trig.	T. Th.	1:10	A Main	Krathwohl
	Math. 3	Appl. of Trig.	T. Th.	2:10	A Main	Krathwohl
	Math. 3	Appl. of Trig.	T. Th.	3:10	C Mission	Spencer
	Math. 3	Appl. of Trig.	T. Th.	1:10	D Mission	Teach
	Math. 3	Appl. of Trig.	T. Th.	2:10	D Mission	Teach
	Math. 4	Analytic Geom.	Daily	11:30	D Mission	Teach
	Math. 5	Calculus I	T. W. Th. F.	9:30	D Mission	Bibb
	Math. 5	Calculus I	T. W. Th. F.	10:30	D Mission	Bibb
Math. 5	Calculus I	T. W. Th. F.	9:30	A Chapin	Haggard	
Math. 5	Calculus I	T. W. Th. F.	10:30	A Chapin	Haggard	
Math. 5	Calculus I	T. W. Th. F.	9:30	A Main	Krathwohl	
Math. 5	Calculus I	T. W. Th. F.	10:30	C Mission	Spencer	
Math. 6	Calculus II	T. W. Th. F.	10:30	A Main	Krathwohl	

PHYSICS

Physics	Phys. 1	Physics I Lect.	.....	M. W. F.	8:30	Se. Hall	Wilcox
	Phys. 1	Physics Recitation	.....	T. Th.	8:30	P. L. R.	Wilcox
	Phys. 1	Physics Recitation	.....	T. Th.	1:10	E. Chapin	Wilcox
	Phys. 1	Physics Recitation	.....	T. Th.	8:30	B. Mach	Colvert
	Phys. 1	Physics Recitation	.....	T. Th.	9:30	C. Chapin	Doubt
	Phys. 1	Physics Recitation	.....	T. Th.	10:30	C. Chapin	Doubt
	Phys. 1	Physics Recitation	.....	T. Th.	8:30	E. Chapin	Thompson
	Phys. 2	Physics II Lect.	.....	M. W. F.	8:30	P. L. R.	Doubt
	Phys. 2	Physics Recitation	.....	T. Th.	8:30	C. Chapin	Doubt
	Phys. 2	Physics Lect.	Arch.	W. F.	10:30	P. L. R.	Colvert
	Phys. 3	Physics Recitation	Arch.	M.	9:30	P. L. R.	Colvert
	Phys. 3	Physics Recitation	Arch.	M.	10:30	P. L. R.	Colvert
	Phys. 5 & 6	Physics Lab.	.....	Daily and Sat. A. M.	2:10	Physics Lab.	Lab. Instructors
	Phys. 9	Radio Com.	.....	M. W.	9:30	E. L. R.	Wilcox
	Phys. 9	Radio Lab.	.....	M. T. Th.	2:10	2nd Fl. Main	Wilcox and Sear

MECHANICS

Mechanics	Mech. 1	Mechanics I	.....	M. T. Th.	9:30	D Chapin	Mangold
	Mech. 1	Mechanics I	.....	T. W. Th.	10:30	D Chapin	Mangold
	Mech. 1	Mechanics I	.....	M. W. F.	11:30	D Chapin	Mangold
	Mech. 1	Mechanics I	.....	T. W. Th.	10:30	E Chapin	Leigh
	Mech. 1	Mechanics I	.....	T. W. F.	11:30	E Chapin	Leigh
	Mech. 1	Mechanics I	.....	M. W. F.	1:10	E Chapin	Leigh
	Mech. 2	Mechanics II	.....	M. T. Th.	9:30	E Chapin	Leigh
	Mech. 3	Mech. of Materials	E. E. & Ch. E.	Daily	1:10	D Chapin	Mangold
	Mech. 3	Mech. of Materials	E. E. & Ch. E.	Daily	8:30	D Chapin	Paul
	Mech. 3	Mech. of Materials	M. E.	Daily	9:30	B Machinery	Paul
	Mech. 3	Mech. of Materials	F. P. E.	Daily	11:30	B Machinery	Paul
	Mech. 5	Applied Mechanics	Arch.	M. W. F.	8:30	E Chapin	Leigh