

glass, house-decoration, and paperhangings; design intended for textile fabrics and China painting; modelling, casting, terra-cotta, stone-carving, chemistry, elementary physics, English language, bookkeeping.

Chemistry.—Certificates required for industrial expert in chemistry: Elementary chemistry, practical chemistry, technical chemistry, physics, mathematics, metallurgy, geometry and perspective, freehand drawing, English language, bookkeeping, assaying.

Dentistry.—Certificates required for industrial expert in dentistry: Chemistry, practical chemistry, physics, mechanical dentistry, dental pathology, surgical and constructive dentistry, English language, bookkeeping, demonstrations in operating-room, demonstrations in workshop, diseases of jaws, palate, and mouth.

Electricity.—Certificates required for industrial expert in electricity: Chemistry, practical chemistry, electricity and magnetism, applied electricity, instrument-making, elementary mechanics, English language, bookkeeping, mechanical drawing, mathematics, steam-engine and other motors compared.

Applied Mechanics.—Certificates required for industrial expert in applied mechanics: Chemistry, technical chemistry, elementary physics, mathematics, boiler-making, brass-founding and finishing, composition and alloys, coppersmithing, rock-drill making, fitting, machine-construction, English language, bookkeeping, mechanical drawing, moulding and casting, pattern-making, steam-engine, relative efficiency of steam and other motors, testing materials.

Mining and Geology.—Certificates required for industrial expert in mining and geology: Geology and palæontology, mineralogy, mining, chemistry, metallurgy, assaying, mathematics, surveying, mining-machinery, botany and use of microscope, elementary physics, testing materials.

Pharmacy.—Certificates required for industrial expert in pharmacy: Latin, French, chemistry, practical chemistry, physics (elementary), botany and use of microscope, *materia medica* and pharmacy, elementary therapeutics, elements of anatomy, elements of physiology, manufacture of drugs, elementary medicine and pathology, first help in accidents, English language, bookkeeping.

Photography.—Certificates required for industrial expert in photography: Chemistry, technical chemistry, elementary physics, photographic processes, photographic operating, photographic printing in permanent inks and silver, English language, bookkeeping.

Physics.—Certificates required for industrial expert in physics: Chemistry, practical chemistry, geometry and perspective, freehand drawing, mathematics, physics (complete course), English language, bookkeeping.

Reproduction by Printing.—Certificates required for industrial expert in reproduction by printing: Lithography, stereotyping, typography, electrotyping, photo-mechanical process; copper-, steel-, and wood-engraving; freehand drawing, chemistry, colour-contrasts, English language, mathematical use of symbols, printing-machinery.

The number of students, and average attendances in each class, were as follows during 1887 :—

Subject taught.	Average No. on Roll.	Average Nightly Attendance.	Subject taught.	Average No. on Roll.	Average Nightly Attendance.
Agriculture, first year	17.6	14.8	Latin	29.5	11.3
" second year	5.6	4.6	Domestic economy	5.7	5.3
Veterinary science	9.2	4.1	Cooking (plain), day	16.5	8.9
Botany	4	3.1	" evening	7	4.5
Wool-sorting	6.5	5.7	" advanced	8.7	6
Applied mechanics	16.2	10.5	" elementary	14	6.4
Mechanical drawing	61.2	31.3	Geology	3	2.1
Plumbing	29.5	12.4	Crystallography	1	1
Naval architecture	6.7	4.5	Perspective	21.7	13.9
Metal-plate working	11.2	7	Freehand	139.5	59.9
Fitting and turning	29.7	17.6	Navigation	4.2	1.5
Architecture	57	28.7	Elocution	18	8.6
Carpentering	46.7	25.1	Inorganic <i>materia medica</i>	10.2	7.5
" afternoon class	24.5	9	Pharmacy	19.2	12.4
Deaf-and-dumb class	12.0	12	Organic <i>materia medica</i>	12	8.7
Bricklaying	7.5	4.9	Pharmaceutical chemistry	16.5	12.4
Masonry	18.7	9	Dispensing	12.2	8.3
Cabinetmaking	6.5	4.4	Anatomy and physiology	33	27.9
Carriage-building	5.2	4.1	Dentistry	9.5	7.2
Plane geometry	26.5	18.1	Physics, first year	15.5	9.6
Geometry, solid and descriptive	10.2	8.2	" second year	7.2	3.7
Architects' class	9	5.3	Physiography	3	2.2
Teachers' drawing	33	12.8	Mineralogy	2.6	2
Modelling	29.5	11.7	Mining	2.3	1.2
Design	17.2	11.7	Mathematics	30.5	5.5
House-painting	21	11.8	Actuarial science	7.7	4.9
" decorating	10	6.2	Telegraphy	10.7	6.5
Chemistry (practical)	18.6	7.6	Practical electricity	17.2	11.7
" (theoretical) first year	13	8.5	Dress-cutting	27	13.5
" second year	3.2	4.9	Tailors' cutting	23	11.1
Photography	10.7	7	Private drawing and painting	49.7	21.7
Bookkeeping	34.7	23.3	" biology	10	8.2
Caligraphy	28.5	16.5	" elocution	14.7	12.1
Shorthand	73	44.8			
German	6.7	3			
French	49	26			
			Total	1371.8	769.9

The number of individual students enrolled and who received instruction for at least one