

# HEALD'S

## SCHOOL OF MINES AND ENGINEERING

SAN FRANCISCO

CALIFORNIA

### CIVIL AND MINING ENGINEERING

This department has been established to meet the demand for thorough instruction in mining and surveying that will be shorter than the university course of four years. The plan adopted, therefore, is to specialize, so that those who wish can take up one subject only or as many as may be deemed advisable. Six months devoted exclusively to mining engineering will give the average student a full practical knowledge of the subject.

Any course or group of studies may be selected.

The CIVIL ENGINEERING COURSE includes: Geometry, Trigonometry, Draughting Strength of Material, Surveying, etc.

The MINING ENGINEERING COURSE includes: Assaying, Blow-pipe Analysis, Mill Construction, Milling, Mining, Geology, Mineralogy, Economic Geology, Surveying.

The METALLURGICAL COURSE includes: Chemistry, Assaying, Metallurgy, Calorifics.

### ELECTRICAL ENGINEERING

The study and work in this department cover all the modern applications of electricity. The course is so condensed and divested of superfluities as to bring it within the time limit and means of the average young man who has to make his own way in the world.

The department is thoroughly equipped with Dynamos, Motors, Measuring Instruments, Wiring Appliances, Wheatstone Bridges, Telegraphic Instruments and Appliances, Electro-Medical Apparatus, Galvanic and Storage Batteries of all kinds, Fluoroscopes, X-ray closet and a large laboratory.—Send for Special Catalogue of this School.

### NIGHT SCHOOL

To accommodate a large class of patrons who are unable to attend the day sessions, evening classes are conducted in all the departments the entire year. All the facilities and advantages of the day sessions are provided for these classes; the same studies, the same method, the same practical work. The instruction is individual and every attention is given to those whose education has been neglected.

Business Houses needing Bookkeepers, Stenographers, Typewriters, Cashiers, Clerks, Foreign Correspondents, Telegraphers, Electricians, or Clerical Labor of any kind, can be immediately supplied.

**E. P. HEALD, President**

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