

COURSES OF INSTRUCTION

MECHANICAL ENGINEERING

1. THERMODYNAMICS. Required of seniors in Mechanical, Electrical, Civil and Mining Engineering. Prerequisites, Physics 3a, Mathematics 7b. *Four hours a week. First semester.* Assistant Professor O'Bannon.

2. VALVE GEARS. Required of seniors in Mechanical and Electrical Engineering. Prerequisites, Physics 3a and Mechanics of Engineering 3. *Four hours a week. First half of first semester.* Assistant Professor O'Bannon.

3. STEAM BOILERS. Required of seniors in Mechanical and Electrical Engineering. Prerequisites, Chemistry 1b, Physics 3a. *Four hours a week. Second half of first semester.* Assistant Professor O'Bannon.

4. STEAM ENGINEERING OF POWER PLANTS. Required of seniors in Mechanical and Electrical Engineering. Prerequisite, Mechanical Engineering 1. *Two hours a week. First half of second semester.* Assistant Professor O'Bannon.

5. GAS ENGINEERING. Required of seniors in Mechanical and Electrical Engineering. Prerequisites, Chemistry 1b, Mechanical Engineering 1. *Four hours a week. First half of second semester.* Assistant Professor O'Bannon.

6. STEAM ENGINE DESIGN. Required of seniors in Mechanical and Electrical Engineering. Prerequisites, Mechanics of Engineering 1 and 7, Mechanical Engineering 1 and 2. *Six hours a week. First semester.* Assistant Professor Hawkins.

8. STEAM LABORATORY. Required of juniors in Mechanical, Electrical, Mining and Metallurgical Engineering. Prerequisites, Physics 5, Chemistry 1b, Mathematics 7a. *Recitations one hour a week; laboratory two hours a week. Second semester.* Assistant Professor O'Bannon.

9a. STEAM AND GAS ENGINE LABORATORY. Required of seniors in Mechanical, Electrical and Mining Engineering. Prerequisite, Mechanical Engineering 8. Must be accompanied by Mechanical Engineering 1. *Recitations one hour a week; laboratory two hours a week. First semester.* Assistant Professor O'Bannon.

9b. STEAM AND GAS ENGINE LABORATORY. Required of seniors in Mechanical and Electrical Engineering. A continuation of Course 9a. Must be accompanied by Mechanical Engineering 5. *Lectures and recitations one hour a week. First half of second semester.* Assistant Professor O'Bannon.