The purpose of this study is to develop a course of study in industrial arts suitable to meet the needs of the present day ninth grade student. A brief history and philosophy of industrial arts is presented to show how industrial arts has grown, developed, and become a definite part of general education. This course of study is divided into four major units of instruction; mechanical drawing, woodwork, electricity, and metal work. Each unit of instruction is further divided into lessons which have information and manipulative assignments. This course of study also has the teaching methods, class organization, and methods of grading listed. Industrial arts is not a new field of education; it has been in existence for many years, but it has not always been known by the name of industrial arts. The general shop is the most widely used method of teaching industrial arts in the junior high school. The general shop is a room in which two or more activities are taught at the same time by one teacher. The general shop is well adapted for the junior high school because it enables the student to come in contact with a wide range of materials and tools. Working with the materials and tools in the shop enables the student to explore many areas of industry, thereby discovering his ability and aptitude in what might become his vocation.