

these offerings will depend upon the rôle which he desires for himself in the days ahead or which is likely to be assigned him.

It is to be hoped that the student will carefully consider the courses in the list which follows and select any of them which his aptitudes and opportunities appear to justify him in taking. Not all the courses of value in preparing for the national undertaking are discussed, but the most important of those immediately useful in the emergency are listed and described below:

ASTRONOMY 40. NAVIGATION. Three hours credit. Second semester. A course designed to give students a working knowledge of navigation. The determination of time, longitude and latitude, with special emphasis on present methods used in navigation on the sea and in the air. Actual training in observation and in reduction of observations. Prerequisites, College Algebra and Trigonometry. Storer. (This is a modification of 182a, Practical Astronomy I.)

CIVIL ENGINEERING 11. ELEMENTARY SURVEYING. Three hours credit. Both semesters. Two hours of class work and one hour of field work. A brief course for those who are not studying to be civil engineers. Fee, \$1.50. Bradshaw, et al.

GEOLOGY 7. METEOROLOGY. Three hours credit. Both semesters. A study of the nature and causes of weather conditions, including consideration of atmospheric temperature, pressure, humidity, precipitation, and circulation; also work on synoptic charts and weather forecasting. This course is designed for those who wish to take up aviation or to enter the weather service. Prerequisites, two years of high school mathematics and one year of high school physics. (This is a modification of 54, Weather and Climate.) Posey.

GEOLOGY 8. AERIAL PHOTOGRAPHS AND THEIR USES. Three hours credit. Second semester. Interpretation of geographic, topographic, and cultural features as shown on aerial photographs, and preparation of planimetric and contour maps from aerial photographs, with special reference to military applications. Prerequisites, Geology 1, 1E, or 11, Math. 3, and normal stereoscopic vision. Fee, \$4. H. T. U. Smith.