

## INDUSTRIAL ARTS DEPARTMENT

## (In the Applied Arts Division)

Professors: Schorling (Chairman), Bliss, Dunning, Noakes

Associate Professors: Dettinger, Feuches, McComas, F. E. Schroeter

Assistant Professors: L. Aldrich, Blomgren, Gonser, Newcomb, Rockwell

Part-time: Ogata, T. Taylor

The Industrial Arts Department meets the needs of students who are working for the bachelor of arts degree with a teaching credential, the bachelor of arts degree without a teaching credential, and the bachelor of science degree in industrial technology. The programs offered for preparation of teachers lead to special secondary, junior high, and general secondary credentials. The department also prepares applicants for the limited credential for vocational teachers, limited credential in industrial arts education, the bachelor of vocational education degree, and the master of arts degree. The industrial technology major emphasizes physical science and industrial management as well as the subject fields within the industrial arts for students seeking technical and managerial positions in areas such as sales, personnel, and production management.

## BACHELOR OF ARTS DEGREE IN INDUSTRIAL ARTS

The bachelor of arts degree in industrial arts consists of 124 units. The general requirements for the bachelor of arts degree must be completed (see *Degrees and Credentials*). Students majoring in industrial arts without a teaching credential must complete a minimum of 40 units of industrial arts courses, 16 of which must be upper division, excluding industrial arts courses listed as professional education (IA 192, 194, 196). Students may elect to do the major part of their work in various areas such as drafting, metal, graphic arts, woodwork, crafts, electricity-electronics or automotive and transportation. See also credential major and minors.

Industrial Arts Major	Units
IA 12, 41, 52, 60, 70, 80	18
IA electives (incl at least 16 u.d.)	22
	40
Industrial Arts Minor	
Elect from IA 12, 41, 52, 60, 70, 80	9
IA electives (incl at least 6 u.d.)	11
	20

## BACHELOR OF SCIENCE DEGREE IN INDUSTRIAL TECHNOLOGY

The bachelor of science degree with a major in industrial technology consists of 128 units, including one of the options listed below. The general requirements for the bachelor of science degree must be completed (see *Degrees and Credentials*). In addition to the specific requirements in one of the options, all industrial technology majors must complete the following courses: Econ 1A-B, Physics 2A-B.

Industrial Technology Major	
<b>Automotive Industries Option</b>	<b>Units</b>
IA 12, 41, 52, 71, 73, 74, 113, 114, 124, 129, 156, 171, 174, 175 or 176	40
Engr 11; Bus Ad 8, 151, 153	11
Electives in related areas approved by department	30
	81