

INDUSTRIAL EDUCATION



University of Arizona

**ANNOUNCEMENT OF SUMMER
COURSES IN**

**Trade and Industrial
Education**

and

Mechanic Arts

Leading to the Professional Degree of

**Bachelor of Industrial
Education**

And to Graduate Degrees

First Term

JUNE 6 to JULY 9

SUMMER 1932

**Issued By The
UNIVERSITY OF ARIZONA
Tucson, Arizona**

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General Statements

THE University of Arizona has established teacher training courses in the College of Education, leading to under-graduate and graduate degrees in the field of Industrial Education to meet the specific needs and conditions of trade and industrial teachers, supervisors and directors, mechanic arts teachers and Indian school vocational teachers.

The degree of Bachelor of Industrial Education will be granted upon completion of requirements for the degree as specified in the general catalogue of the University, a summary of which appears herein.

Graduate degrees will be granted in accordance with provisions for advanced degrees found in the general catalogue of the University of Arizona.

To receive the Degree of Bachelor of Industrial Education the candidate must complete 125 units of work.

To receive the Master's Degree the candidate must complete 30 additional units of work including a thesis.

CREDIT FOR EXPERIENCE

Credit towards the Bachelor's degree is granted for successful teaching, executive, research and practical experience up to a maximum of 62 units under specified conditions.

ENTRANCE REQUIREMENTS

The course is open only to employed teachers, supervisors and directors of trade and industrial education and mechanic arts.

Candidates must be high school graduates or in lieu thereof must meet the special entrance requirements as set up by the Special Committee on Industrial Education which are designed to determine the ability of the candidate to carry the course of study satisfactorily.

TRANSFER OF CREDITS

For the summer session of 1932 the University will accept credit for credit work done in any other college or university of recognized standing which has been accumulated in recent years. This same ruling also applies to residence requirements.

RESIDENT REQUIREMENTS

Attendance for three summer sessions of at least five weeks is required. This should be sufficient to enable the University to determine the fitness of the candidate for a degree.

LIMITATIONS AS TO NUMBER OF CREDITS CARRIED

A student may enroll for a maximum of six units to be carried each five weeks session.

PROJECTED REGISTRATION, CORRESPONDENCE and EXTENSION COURSES

In accordance with general provisions of the University catalogues, qualified students may register for courses to be done in absentia under projected registration, correspondence, or University Extension; when such courses are being offered and are available.

PERMANENCY OF PROGRAM

Under agreements entered into between the University of Arizona and the State Board for Vocational Education this training program is assured of being continued for at least five years and as long after that as a need for it exists. Courses necessary to complete the degree requirements will be offered in such frequency and sequence as will meet the needs of all candidates.

SUMMARY OF REQUIREMENTS FOR THE BACHELOR'S DEGREE

For teachers, supervisors and directors of trade and industrial education and mechanic arts:

	Units
1. Humanities and Sciences (1)..... (Summary of fields and courses available may be had from Dean of the College.)	16
2. Psychology: General or industrial	4
3. Education: 14 (Ed. Psychology), 106 The High School); 140 (Vocational Education, Philosophy of); 130 (Practice teaching) (2).....	41-12
4. Industrial Education: Job analysis, special methods, Organization of subject matter, Shop organization and management	12
5. Electives in Industrial Education	12-18
6. Trade and industrial techniques, (5 years, of practical shop work must have been acquired in industry, (5 units per year is granted for this experience.) Administrative, supervisory or research experience secured in industry or the public schools will be accredited within the above limits of 25-52 units)	25-52
7. Total units of required work	80-120
8. Electives (3)	5
9. Total for graduation.....	125

34
+10

23.30

12
20

39

Notes:—

(1) Required units in Humanities and Science can be satisfied by credits earned in residence, by correspondence, and by examination under the usual University regulations.

(2) A maximum of ten credits will be given for successful teaching experience secured under administrative supervision since 1920.

(3) Electives are to be chosen by students with the approval of the advisory committee for industrial education.

**SUMMARY OF REQUIREMENTS FOR
ADVANCED DEGREES**

Required major industrial education subjects, including thesis.....	20 units
Recommended minor subjects	10 units
Total.....	30 units

**Courses Offered First Term
June 6 to July 9**

Job Analysis, Special Methods in Industrial Education, Shop Organization and Management, Organization and Administrative Problems of Evening Schools, Supervision of Trade and Industrial Education, Administration of Vocational Education, Vocational Education (Philosophy, theory and practice of), Efficiency in Vocational Education, Promotional Methods in Vocational Education, Safety and First Aid Methods, Objectives in Mechanic Arts, Radio Construction and Repair, Mechanical Drawing, Automobile Repair, Visual Education and Illustrative Methods and Technique, Personal Problems for Indian School Vocational Teachers.

In addition to the above there are many courses in the fields of Education, Science, and Humanities regularly offered in the summer session.

FACULTY

The courses will be conducted by specialists selected from the regular faculty, State and Federal Boards for Vocational Education, and a specially selected staff of visiting professors.

EXPENSES AND FEES

Tuition—The tuition required of all students is \$25, for either 5-week term or \$40 for the whole 10-week session.

Laboratory and Material Fees—In certain laboratory and other courses, fees are required to cover the cost of materials and of breakage.

Dormitories—Rooms in the dormitories may be obtained for \$7.50 per person, per term, two in a room. **Board**—Board at the University Dining Hall may be secured at a cost of \$35 per term.

ADDITIONAL INFORMATION

The summer sessions will be conducted on the University of Arizona Campus. The complete facilities of the University—libraries, laboratories, and class rooms will be utilized. The commodious quarters of the campus quarters and services of the University Dining Hall as well as many private residences are available to Summer Session students.

ENTERTAINMENT AND RECREATION

Opportunities for diversion and recreation are numerous. Many places of interest are within easy reach of the Campus. The University will arrange trips and excursions to many points for those who wish to avail themselves of the service.

The colorful Southwest, including Old Mexico, the Grand Canyon, Petrified forests, Ancient Cliff Dwellings, Prehistoric Ruins and the White Mountains, where there is good trout fishing, are within one day's drive by auto and can easily be visited while attending the summer session, or on the way to and from it.

For further information and complete Summer Session Bulletin, address

DEAN OF THE SUMMER SESSION,
University of Arizona
Tucson, Arizona

