



LETTER OF THE STATE SUPERINTENDENT OF PUBLIC INSTRUCTION.

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On the basis of an extended conference composed of school superintendents and principals in June, 1918, the Arkansas State Board of Education issued, June 1, 1920, a preliminary outline of a course of study for high schools. This circular also contained certain standard requirements for approved high schools, among which were these:

 By September, 1923. all teachers employed [in class A high schools] shall have four years of training beyond the high school in a standard college or normal school.
 By September, 1926, at leaSthree-fourths of the teachers in a class A high school should be on the approved list of high-school teachers.

3. After September 1, 1923, no person shall be allowed to teach in the high schools of Arkansas who has not the equivalent of a bachelor's degree from a standard fouryear college.

4. After September 1, 1923, no person shall be allowed to teach in the public high schools of Arkansas who has not had at least two years of normal training work above the four-year high-school course; or its equivalent.

It thus becomes clear that, beginning with September, 1923, the Arkansas State Board of Education will need to know what colleges of the State may be considered as standard colleges, in order to ascertain what persons are eligible to teach in the high schools of the State. This situation was presented to a meeting of the college presidents of the State held May 5, 1920. At this conference it was agreed to establish a series of standards by which to determine the standing of the respective colleges in the State and to employ a competent and neutral investigator to conduct a personal inspection of each institution. Accordingly, in September, 1920, Mr. A. B. Hill, of the Arkansas State Department of Education, presented the matter informally to Dr. P. P. Claxton, then United States Commissioner of Education, and requested the services of the bureau's specialist in higher education. Dr. Claxton very kindly consented. Subsequently I directed a formal request to the Commissioner of Education, and his reply confirmed the consent which he had given informally to Mr. Hill.

Subsequently letters were directed to each of the college presidents, asking them if an inspection conducted by Dr. Zook, of the United States Bureau of Education, would be agreeable to them. The college presidents cordially confirmed the action of the State superintendent, and definite arrangements were therefore made for the inspection,

Dr. Zook has made three visits to the State. During the first visit in December, 1920, he met and discussed the details of the inspection with the college presidents in Little Rock. Afterwards he made a study of the situation at each college, supplementing his personal impressions with extensive data which the college executives were asked to supply. On the basis of this information Dr. Zook has made the accompanying report. I wish herewith to express my appreciation to the Commissioner of Education for detailing Dr. Zook for this work, and to Dr. Zook for the time and careful consideration which he has given to it.

J. L. BOND, State Superintendent of Public Instruction.



LETTER OF DR. ZOOK.

Hon. J. L. BOND,

JUNE 24, 1921.

State Superintendent of Public Instruction, Little Rock, Ark.

DEAR SIR: I have the honor to submit herewith a report of my inspection of the higher institutions of Arkansas made at your invitation during the winter of the academic year 1920-21. The report includes all of the 13 higher institutions about which the State department of education desired information.

l wish to express my great appreciation of the very cordial welcome accorded me at each of the higher institutions and for the utmost willingness displayed by all the college authorities to supply me with adequate information. Yours, very sincerely,

GEORGE F. ZOOK, Specialist in Higher Education.

METHOD OF CONDUCTING THE INSPECTION.

In conducting the inspection of the higher institutions of Arkansas the catalogues of the respective colleges were examined with care. The college presidents supplied data and statistics on a questionnaire printed and distributed by the State department of education.

The information secured in this manner was supplemented by a personal inspection at each institution of the buildings, grounds, laboratories, and library. The entrance records and the financial accounts were examined. Interviews were had with the college presidents, deans, registrars, and members of the facilities. Except at the State university, a short visit was paid to classes conducted by almost all the instructors in the several colleges.

From this information brief statements were assembled showing the degree to which each institution met the standards established by the college presidents at the meeting, in May, 1920. These statements were submitted to the respective college presidents and by them corrected and verified. On the basis of these statements as qualified by the extensive additional information gained in the ways already mentioned, a report has been made containing certain suggestions and recommendations for the improvement of higher education in Arkansas.



REPORT ON THE HIGHER EDUCATIONAL INSTITUTIONS OF ARKANSAS.

COLLEGE ATTENDANCE IN ARKANSAS.

The last complete statistics of attendance at colleges and universities compiled by the Bureau of Education are for the academic year 1917-18. The total attendance for that year, on account of the entry of the United States into the World War, was slightly less than in the year 1915-16.¹ In every State in the Union college attendance was much affected by the war. There is, however, no reason to believe that this situation affected one State more than another. Since 1917-18 there has been a considerable increase in student attendance at higher institutions all over the country. It may be assumed with some certainty, therefore, that the present relative standing of the States in the matter of college attendance according to population has varied but little, if any, from that of three years ago.

Unfortunately no complete statistics have been compiled showing the proportion of residents of a given State who are in attendance at higher institutions throughout the country. We have only the attendance at colleges and universities in a given State to compare with the population of the State. Such a comparison is manifestly unfair to those States in which for any reason a number of superior higher institutions have not been developed. It is natural that in these States a large proportion of studenis will go to colleges located in other States, thus swelling the total number of students in those States which are recognized as having a number of standard institutions. This is the only explanation of the fact that, although New Jersey stands twenty-second among the States in high-school attendance according to population, it has the lowest collegiate attendance of all the States in the Union. It is logical to suppose that about as many graduates from New Jersey high schools go to college as from the high schools of other States. It should also be remembered that in Arkansas, as in all the Southern States, the standing of the State with respect to students in colleges and universities is much affected by the presence of a large colored population, which is not extensively represented in higher institutions.

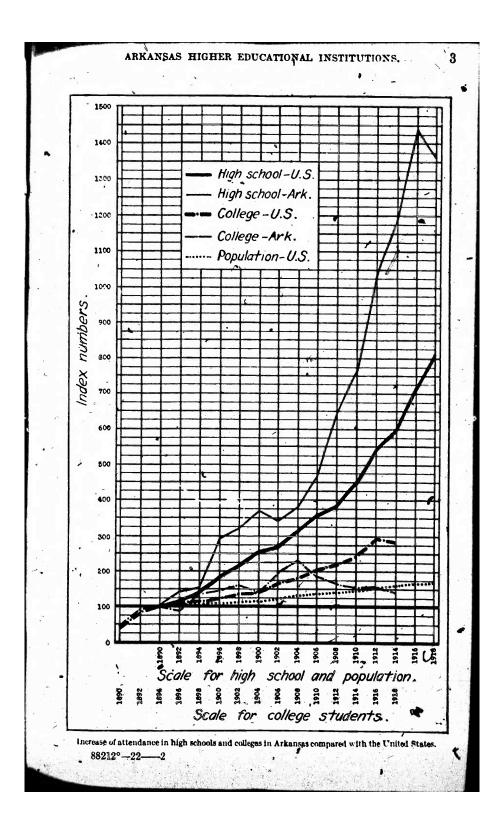
Nevertheless, the attendance at colleges and universities in Arkansas, compared to the total population, is undoubtedly significant. In only one State in the Union, New Jersey, is the collegiate attendance per population less than it is in Arkansas. Arkansas and New Mexico are tied for the place next to the last. The situation is made clear by Table 1.

¹ Statistics for the year 1916-17 were not gathered. The Bureau of Education gathers complete statistics biennially.

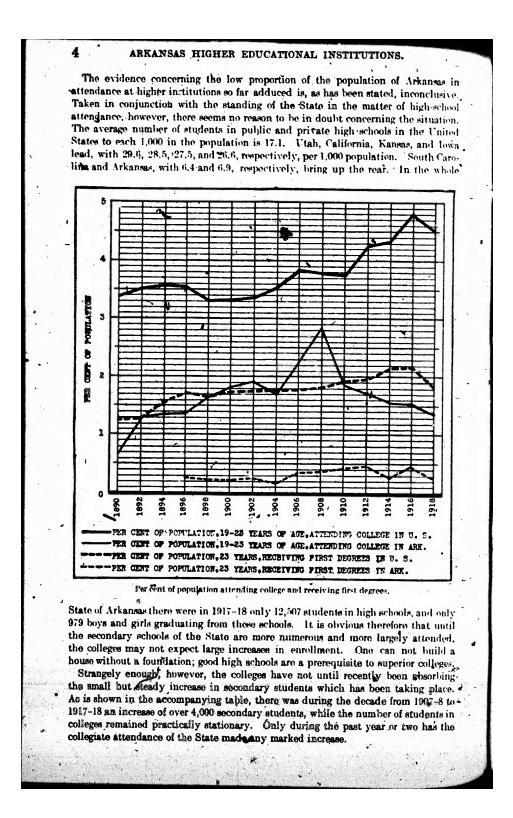


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| States Total number of colleges Total attend- ance. Average attend- ance. Total attend- ance. Total attend- ance. Mabana 11 23,003 273 8 1,125 Mabana 11 5,662 280 15 3,289 Ilmos 18 5,652 280 45 23,329 Ilmos 19 8,701 458 16 4,89 Kaitsa 23 13,890 604 20 7,106 Waitsa 24 221,08 16 4,89 16 Ventucky 14 3,002 266 12 1,99 States 23 13,890 604 20 7,106 Oho 44 2,108 460 38 19 8,70 | 20 8, 146 007 14 3, 302 236 44 21, 108 460 | ~ 12 38 | 10, 507 |
| States Total number of ediges Total attend- ance. Average attend- ance. It-it- sup- ported Total attend- ance. Absuma. 1 -3,003 273 8 1,126 Mabsuma. 11 -3,003 273 8 1,126 Ibnos. 18 5,032 280 15 3,286 Ibnos. 48 26,594 396 45 23,387 Ioran. 13,890 604 20 7,109- Kentucky. 20 8,146 607 17 4,108 | 20 8, 146 407 20 8, 146 407 14 3, 302 238 44 21, 108 460 6 3, 224 537 19 4, 234 273 | - 12 39 3 17 | 10,507 683 4,461 |



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field.¹ that 500 students is a desirable number of students for an efficient college, it seems clear that Arkansas is at present oversupplied with colleges, or what is more significant, undersupplied with college students.

NEED OF INCREASED FINANCIAL SUPPORT.

The higher institutions of the country are passing through a critical financial period. This statement applies both to the publicly supported colleges and universities and to those supported from private funds. The State institutions are crowded beyond all expectations, and at the same time the changed economic condition has materially reduced the value of the appropriations made by the State legislatures. The State institutions can, however, appeal to the State legislatures for more generous support, an appeal which is meeting with ready response. The privately supported institutions, on the other hand, find that they, too, are crowded as never before, and that the meager endowments which they have accumulated with the greatest effort are now reduced to little more than one-half their former comparative value. The privately supported colleges have realized this situation, and a very large portion of them have instituted campaigns for increased endowments. Information received by the Bureau of Education from 317 higher institutions, 15 public and 302 private, reveals the fact that during the biennium ending June 30, 1920, the total benefactions received by these institutions were \$138,235,770. Of this amount, \$44,608,966 was for current expenses; \$23,951,445 for increase of plant; and \$64,675,359 for increase of endowment.

It should be noted that 84.1 per cent of the funds for increasing the plant and endowment of higher institutions has been raised in the North Atlantic and North Central Divisions of the United States, as against 13.7 per cent in the South Central and South Atlantic States. These figures indicate a situation serious enough for the privately supported colleges of the Southern States, but it is even more serious than is so far apparent, because figures during recent years indicate clearly that the rate of growth in student attendance at colleges in the Southern States is greater than it is in the Northern States. In other words, in those regions most needing additions to the endowments of their higher institutions the movement to meet the situation as yet lags.

| INDIE 0 I THERE DEREJACIONS IN ST | | | 1 1, 1918, to June |
|-----------------------------------|------------|----|--------------------|
| | -30, 1920. | ۰. | |
| المراجع المتناصية فالمتعاد المتحج | | | |

Desireta han elastiana ta RIV callenna - - 1

| Diviyons. | Number of insti- tutions reporting. | Increase of plant | Increase of endow- ment. | Current expenses, | Total bene factions. | For in- crease of plant and endow- ment. |
|--|--|--|---|---|--|--|
| North Allantic Division North Central Division South Atlantic Division Western Division | 74 128 51 44 20 | \$7, 595, 986 11, 527, 032 1, 901, 524 2, 134, 961 791, 942 | \$39, 573, 098 19, 970, 677 5, 949, 721 2, 940, 800 1, 241, 063 | \$17, 162, 776 20, 020, 595 3, 848, 059 2, 532, 689 1, 044, 847 | \$64, 331, 860 51, 518, 304 11, 699, 304 7, 608, 450 3, 077, 852 | Per cent. 73.3 60.2 67.1 66.7 66.1 |
| Total | 317 | 23, 951, 445 | 69, 673, 359 | 44, 60%, 966 | 138, 235, 770 | 67.8 |

Only one of the privately supported colleges in Arkansas, Hendrix College, has an endowment of any consequence. In 8 of the 11 privately supported institutions in the State the endowment is so small as to be almost negligible. Furthermore, the income derived from this source is subject to use both in the college proper and in the preparatory school maintained in each case in connection with the college. As a result of this situation the financial support of the colleges is to an unusual degree thrown upon the students themselves.

¹ For example, "The Efficient College," bulletin of the Association of American Colleges. Revised, edition, February, 1917.



7

Tuition and other student fees are naturally of chief importance, but in about onehalf of the colleges the profit on student board and lodging affords a large proportion of the income. Aside from the burden this condition entails on the students and their parents, it is likely to have a bad influence on the quality of work dones in the colleges. In order that the situation facing the privately supported colleges of Arkansas may be clarified, Table No. 6, taken from the last statistics published by the Bureau of Education, for the year 1917-18, is included. The States selected are all in the Southern or Middle Western section of the country, in most instances not far distant from Arkansas. From this table it will be seen that there is only one State in the group, Alabama, in which the privately supported colleges raise a larger proportion of their income from student fees. In fact, there are only two States in the Union, Alabama and Mississippi, where the students pay a larger proportion of the income of the privately supported colleges. The Arkansas privately supported colleges raise 84.7 per cent of their income from student fees; the average for the country is 54.2 per cent. During the same time, on account of the great increase in prices caused by the World War and the consequent necessity for increased salaries, all of the higher institutions, including those in Arkansas, have been brought face to face with financial difficulties more critical than'at any previous time in their history. The amount of endowment possessed by a college, the assured annual income, and the salaries paid to members of the faculty are not necessarily indicative of the standard of work performed by the institution. When other conditions are favorable, however, they do have a very important influence on the standard of work which may be done. As one goes about from one institution to another in the State and notices the unfavorable conditions under which many of the teachers work and the extremely low salaries which they receive, one is immediately impressed with the fact that the colleges are getting a higher standard of service than they deserve. The fact that men and women of training and ability remain in the colleges can only be explained by their devotion to the work and their hope that an increased compensation will not be long deferred. If the higher institutions of Arkansas are to take their place with similar institutions in other parts of the country, and particularly in the Southern States, the friends of the privately supported colleges must be aroused to provide large endowments. Only in this way can the financial jeopardy facing almost every privately supported college in the State be removed and the institutions placed on the proper level of excellence.

| | Institutions. | From produc- tive funds. | From United States, State, or City. | From private benefac- tions. | From student fres and other sources, |
|----------------|--|---|---|--|---|
| Itinois | • | 4.6 13.2 37.8 27,4 20,4 15,4 20,4 20,4 19,9 29,7 16,6 | 0.4 | Per cent, 5, 2 43, 7 13, 0 6, 7 14, 6 16, 6 12, 2 22, 8 28, 9 16, 4 14, 3 5, 6 | Per cent. 87.2 13.1 49.2 65.5 65.6 67.6 67.6 47.1 54.2 57.0 54.2 54.2 84.7 |
| For this reaso | as are the student fees in the in the fees themselves are not high n the total income from all sour ate a very low schedule of salari | when compare es at the varia | d to those us institu | in othe | . Qtatos |

TABLE 6 .-- Income of privately supported colleges from various sources.



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THE JUNIOR COLLEGE AS A SOLUTION.

It is scarcely within the province of this study to discuss at length the remedies for the financial condition of the colleges in Arkansas nor the excess in the number of colleges within the State. The large number of colleges is, moreover, an evidence of the zeal exhibited by a great band of self-sacrificing leaders, particularly among the various church denominations, to establish for the young people of the State more adequate opportunities for secondary and collegiate education than hitherto existed. Granting, however, the beneficent influence spread abroad in the State by these Aleaders and the institutions which they have founded and supported through secrifice and toil, it is evident that the denominations have been and still are attempting to support a larger number of four-year colleges than the number of college students and the available income justify. If one yields to the sentiment in favor of separate institutions for young men and young women found prominently in the Southern and Eastern States, there is yet no reason why the Southern Methodist and Baptist Churches. should each be asked to help support three colleges, several of which are as yet wholly without endowment and therefore lead a struggling existence. Nor is it char that the Presbyterian Church through its two great branches should support two fouryear colleges, both of which are coeducational and have only a small number of collegiate students. It would be the part of wisdom for these denominations to consider the subject of collegiate education in Arkansas with a view to such reorganization of the institutions they support in the State as to eliminate unnecessary and expensive duplication, which results in inferior collegiate instruction.

In effecting this reorganization it would be quite fitting to consider the feasibility of reducing several of the present four-year colleges to junior colleges, with the curricula so organized as to enable the graduates of the junior colleges to go into the junior classes of the standard four-year colleges. This would perhaps enable the denominations to economize at the junior colleges and enable them each to support more effectively a single four-year college within the State, or at the most two.

The matter of financial economy is not, however, the most important consideration leading to this conclusion. In fact, it would be wholly unwise for any of the present four-year colleges, should they wisely accept the opportunity to do junior college work only, to receive less income than they now receive. The convincing argument in this matter is the extremely small proportion of students who complete four years of college work. During the past 12 years the registration at the Arkansas colleges has varied from 1,537 to 1,867, but the number of first degrees granted has never been greater than 142. In other words, not more than one college student out of about every four or five in Arkansas finishes his course of study for a degree.

Many explanations have been offered for the low percentage of college students in the State who graduate. All of the reasons assigned doubtless have some influence, but both experience and reason demonstrate the fact that students will leave an institution when they begin to feel they have received about all the faculty and the institution are able to give them. Having been at an institution during preparatory years and for a part of college, they yearn for better educational facilities or, as is more likely, feeling that they have about exhausted the possibilities at college, they grow impatient to enter active life outside. Many of these young people could be saved for additional years in college if they thoroughly realized the opportunities afforded at the superior higher institutions. A high-grade college will hold most of its students through graduation; an inferior institution can not expect to do so. From this it follows that a college should attempt to do only so much of college work as it can do well. It should then send its students on to other colleges or universities with better buildings, more equipment, and more highly trained faculties. Such a conclusion not only appeals to judgment and common sense, but it will result in holding a greater proportion of college students through to graduation. Will and and a !

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It seems fair to assume, therefore, that in Arkansas, as elsewhere, students leave college before graduation to a considerable extent because most of the collegescan not afford, and in fact do not really attempt, to give much work of advanced character in the junior and senior years. Therefore, either the higher institutions in Arkansas should effectively separate their preparatory schools from the organization, faculty, students, and buildings of the colleges themselves, or they should cease to give junior and senior work and attempt to build up an effective coordinated course of study through the four years of high school and the first two years of college. These are the two alternatives. All our educational experience demonstrates that a good four-year college can not be conducted in close conjunction with a preparatory school as large or larger than the college itself, or by college officials who fear for the existence of the institution if they let go of the preparatory work.

Anothef condition argues in favor of junior colleges. It is generally agreed that the work of the first two years in college is very closely related to the work of the high schools. The large colleges and universities which in recent years have been forced to reduce materially the number of prescribed units for college entrance are now beginning to appreciate the lack of correlation between their work and the secondary schools. The freshman class at a large higher institution is a queer conglomeration of students with an everwidening variety of preparation, and it unfortunately requires many months to assimilate and digest it. The junior college happily is saved much of this embarrassment. Taking its students largely from its own preparatory school, it knows as definitely what work they have had as the high schools know the preparation of the boys and girls who have been through the grades. In a junior college the education of young people through the secondary school and the first two years of college is a continuous process, with a minimum of lost motion and readjustment. The break in the students' curriculum comes at the end of the sophomore year in college, where to say the least it is as natural as at the end of the so-called secondary school. If a junior college is equipped properly and staffed with well trained teachers, it has therefore some right to insist that the quality of work it can do during the first two years of collego be as superior to that done in a large institution as the work of the junior and senior years in the large institution is superior to that done in a small college with inadequate facilities for advanced work. The work therefore of the junior college is not only necessary; it is dignified and it offers possibilities of unique service to some of the colleges in Arkansas which are now attempting, with a small measure of success, four years of collegiate work. The possibilities of junior colleges as a solution of the difficulties facing the higher institutions in Arkansas should receive the deep consideration of the officials at several of the institutions and of those interested in the educational welfare of the State.

THE PREPARATION OF TEACHERS,

Inasmuch as one of the chief motives which led the Arkansas State Board of Education to request a study of the Arkansas colleges was to obtain a reliable classification of these colleges for purposes of certifying teachers, it seems fitting to point out some salient factors relating to this matter. In the regulations issued by the State board of education in June, 1920, it is stated that after September, 1923, all teachers employed in class A high schools "shall have four years of training beyond the high school in a standard college or normal school." "After September 1, 1925, no person" shall be allowed to teach in the high schools of Arkansas who has not the equivalent of a bachelor's degrée from a standard four-year college." In another place it is stated that "All high-school teachers must possess certificates which will entitle them to teach the subjects assigned." It may be assumed therefore that the State board of education intends to replace the present chaotic method of granting teachers' certificates to high-school teachers with a genuine system requiring adequate subject

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matter preparation. It is to be hoped that this will be effected by requiring subject matter preparation more specific than mere graduation from a standard college. The high schools of the country are full of college graduates who specialized to a certain extent in one or more fields of study and were subsequently called upon to teach in another field. College graduation is no adequate guaranty of ability to teach any or all subjects in secondary schools. Unfortunately, however, this is in effect the usual practice in a large proportion of the secondary schools. The requirement of graduation from college or normal school or its equivalent should therefore be supplemented by a minimum program of subject matter preparation required of each teacher in the several fields of high school work. As a result of such a requirement, the colleges will naturally plan more carefully the program of subject matter courses which they outline for prospective teachers in the high schools.

In the new rules governing the granting of teachers' certificates to high-school teachers it is also stated that "After September, 1923, no person shall be allowed to teach in the high schools of Arkansas who has not had at least two years' normal training work above the four-year high-school course or its equivalent." The meaning of this statement is indefinite, but it may be assumed that in a short time professional preparation in the thods of teaching and the training of teachers will be a prerequisite to obtaining certificates to teach in the Arkansas high schools. Reasonable professional preparation of high-school teachers in Arkansas is urgently needed, and when effected will be in line with similar action taken long ago by a number of States in the Union.

As yet the higher institutions in Arkansus, with the exception of the State university and the normal school, have given relatively little attention to courses in education. To be sure, in most instances, some work along this line has been provided, but it has been for the most part subsidiary to other interests such as psychology, philosophy, and religious education. These interests and many others deserve the heartiest encouragement possible. In fact, it should not be forgotten that colleges of liberal arts and science exist primarily for the purpose of instilling that culture and those qualities of good citizenship which will enable young men and women to enjoy the best in life and become leaders among their associates. Professional preparation should, therefore, for the most part follow the broad foundation laid during the four years' course in college.

On the other hand, we must always keep the present situation in sight. "It is a condition, not a theory, that confronts us." Therefore, it is well to point out what number and proportion of the graduates of the Arkansas higher institutions have become teachers. According to figures furnished by 11 of the colleges, it appears that, of the 1,120 graduates of these institutions during the last five years, 432, or 32.1 per cent, are now in the teaching profession. Excluding the State university and the State normal school, it appears that, of the 809 graduating during the past five years, 280, or 25.7 per cent, are now teaching—many more than have entered any other occupation. Some of the Arkansas colleges have outlined work preparatory to the profession of medicine. Many of them consciously aim their curricula in part toward the preparation of young men to enter the ministry. Teaching is a profession which ought to be dignified not only by generous increases in salary, but by a higher degree of professional preparation. The colleges of Arkansas may therefore well consider not only the outlining of better programs or subject-matter preparation for the several fields of high-school teaching, but also the establishment of an adequate and reasonable number of courses in teacher training.

Table 7 shows for the last five years the proportion of graduates from the several higher institutions in Arkansas who are now engaged in the teaching profession.



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| 34 C | TABLE 7.—Prop | portion of gr | aduates e | mgaged i | n teac hi n | g. '. | . • |
|--------------------|--|---------------|-------------------------------|----------------------------|--------------------------------|--------------------|------------------|
| | | | hers. ¹ | Gradu- | Engaged | Occupa- | |
| | Institutions. | Number, | Per cent. | other occupa- tions. | in ad- ' ditional study, | tion not given. | Total number. |
| Arkans | sas College | | 53, 3 80, 6 | 6 15 | 1 | | 1 |
| Crescen | College of the Ozarks it College av College | | 49.4 19.4 33.3 | 45 12 8 | 4 | 13 1 | 8 34 2 |
| i leteler | Son-Brown College | 31 | 38.3 41. P 32.1 37.0 | - 34 30 158 12 | 3 11 21 | i 20 | 61 73 293 |
| Ouachit Univers | ta College | 55 69 | 28.5 37.7 | 92 40 | 23 13 | ,21 61 | 190 207 |

OTHER OBSERVATIONS.

Second only in importance to the teaching personnel in a college are adequate buildings and equipment. Practically every higher institution in Arkansas is exerting itself to the limit to raise funds for new buildings. Such efforts deserve the heartiest commendation only if they are to house better equipment for college work. In this connection it may be remarked that the higher institutions in Arkansas almost without exception are imadequately equipped. Several have considerable equipment in chemistry: a few possess sufficient apparatus in physics for the work they attempt; only the university is prepared to do effective work in botany, zoology, and geology.

Aside from scientific equipment, the thing most lacking in Arkansas colleges is library facilities. Not a single higher institution in Arkansas has a separate library building. One possesses no library at all. In all the others the library is housed in the main college buildings, usually in a single room. The number of books, except at the university, is extremely small, and often they are uncatalogued and poorly selected. Old magazines are seldom bound and are therefore not available for the use of students or faculty. Good college work is practically impossible unless adequate library facilities are at hand.

The colleges of the State need to adopt a uniform attitude on a number of important problems relating particularly to the admission of students. It would be desirable for all the colleges to adopt at once a rule making 15 units the standard of entrance, with not more than two entrance conditions permitted. The amount of credit which may be given for certain high-school work, for example algebra, should be agreed on. A common policy of scaling off units from 8 months' high schools ought to be adopted. The practice followed in some institutions of giving college credit for high-school units in excess of entrance requirements should be stopped immediately. The amount and quality of college work which students may do in the summer should be carefully guarded. These and many other matters which sometimes tend to create dissatisfac-(tion can easily be eliminated by common agreement among college executives. A permanent association of the college presidents of the State should be formed for the solution of these and other problems.



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OBSERVATIONS ON STANDARDS.

The standards adopted by the college presidents of the State for the purposes of this inspection are obviously based on those now used by the commission on higher institutions of the Association of Colleges and Secondary Schools of the Southern States. It is perhaps not amiss to point out that in several particulars they have been considerably modified for the purposes of this inspection. According to the Arkansas standards, seven departments of instruction in liberal arts and science are allowed for the current year. There is no definite recommendation concerning the salary of full professors, as in the standards of the southern association. Also the requirement concerning the number of hours of teaching is modified somewhat. The number of volumes prescribed for the library is reduced from 10,000 to 5,000. The provision regarding laboratory equipment is of somewhat different character. In the requirement stating that, if a college maintains a preparatory school under its college charter, "it must be kept rigidly distinct and separate from the college in students, faculty, and buildings," the last two words, "and buildings," have been omitted. The standard on succeshman work has been added, while that of the southern association on professional and technical departments has been omitted.

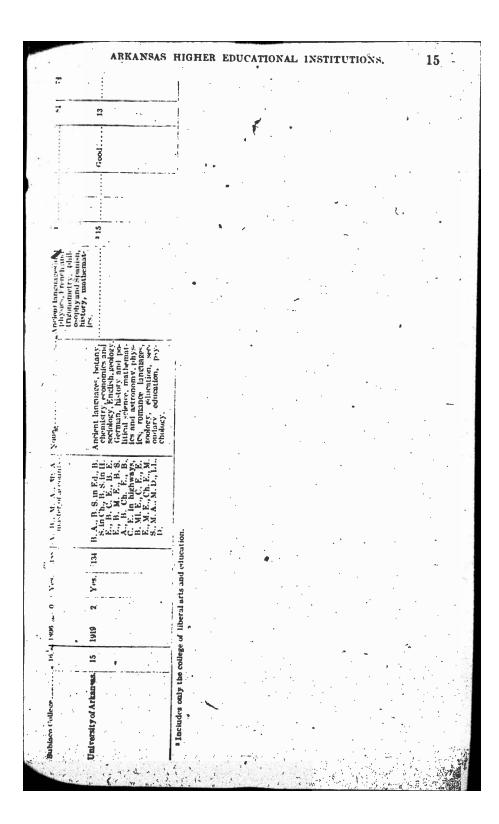


| | | UCATIO | • | | NSTI | | | |] |
|--|---------|--|--|--|--|---|---|---|---|
| Additional work in preparatory school. average periods per instructor. | 12 | 3 | Ĵ | | 4 6 | 1 0 | : | | |
| Average classroom frouts per instruc- | | 6 | 3 | 131 | 13 | 6 | ŝ | - | |
| A verses subtry of members of faculty. | - 11 | Fair | Guod | l'onr | do | Poor | Fair | - | |
| Reads of departments with no degree. | 2 | | - | - | | | - | - | |
| Heads of departments with bachelor's degree | = | . : | <u>د.</u> | •3 | 43 | ŝ | | | |
| Heads of departments with master's or other higher degree. | 2 | 1 | 1 | - | ~ | - | 3 | 、 | |
| -Ilut ono nati <>>i tina zinomitaqoU time piciezioni c | 6 | Mathematics, Latin and German, sci- ence, education. | | Religious education, Latin, education | and science, history. History, mathematic, Latin, Fuglish, | supersupersupers, science, psychology Bud child weigare, Fuglah, household | arıs. Bistory, French | ne to the department. • the department | |
| Dopartments with at least one full. Dopartments with at least one full. time professor. ¹ | e de | Enclish, Bible and political science, French and psy- chology, history and Span- | Science, mathematics, edu- cation, history, Enclish | Enclish, mathematics, mod- ern languages. | Psychology and philosophy. | Modern languages | Latin, Bible and psychol- ogy, mathematics, Eng- lish, science. | science in which there is not less than one professor devoting his whole time to the department. science in which there is less than one professor devoting his entire time to the department: | |
| Degrees conferred. | ţ- | A. B., B. M., D. D. | А. В. | A. B., B. S., Ph. B., B. M., B. O. | A. B., D. D. | Notice | A. B. | nere is not less than one pr nere is less than one profes | • |
| Semester hours required for A. B. degree. | 2 | 132 | 138 | 13 | 1:12 | | . 130 | hich tl hich th | |
| Units thom 8 months' filgh schools in Units thom 8 months' filgh schools in | - | S. | ě | Ϋ́ε. | Yes. | Yes. | Yes. | e in w | |
| Entrance conditions permitted. | - | 8 | 8 | | e4 | - | m . | scienc scienc | |
| Present entrance requirements hocanie effoctive. | 67 | U261 | 1914 | 6161 | 1919 | 1917 | 1920 | | |
| Units required to enter A. B. course. | 64 | 15 | 51 | 2 | 3 | a . | 3 | | |
| Name of institution. | | Arkansas College | Arkansas State Nor- mai School. | entra College | Collere of the Ozarks. | Creacent College (jun- ior college). | Galloway College | ¹ Departments of liberal arts and ² Departments of liberal arts and | |



| | average porteds per instructor. | 15 | • . | ेक्ष | NSTITU | • | 38 |
|----|--|--------|--|-------------------------------|--|--|--|
| | A verage classroom hours per instruc- tor. Additional work in preparatory school, | 14 | er . | 119 | 124 | | 181 |
| | Average salary of members of faculty, | | Poor | Good | Fair | Very poor | Fair |
| | Heads of departments with no degree. | 12 | 4 | | | 1 | |
| | s'roleds of departments with bachelor's degree. | | • | | | · | m |
| | Heads of departments with master's or i | 2 | * | м; | 1- | | 3 |
| | Departments with less than one full. time professor. | 0 | History and economics | Ancient languages | Biology, religion | ~ ~ ~ | Mathematics, ancient languages. |
| | ו) סטמרנ שמול אינו או ובעל סופ לוון. אסטמרנ שמול אינו או ובעל סופ לוון. זישר טיסופצטיי | у. | Philosophy and education, Latin, mathematics, sci- ence, Finglish, modern lan- | | Findly, science, romance Fudlsh, science, romance languages, aucient lan- guages, history, mathy- | political science. | Enclish and education, his- tory and economics, filule and philosophy, modern languages, science. |
| | םפענפנא נסוונפננפין. יייד | r | A. B. B. S. B. M., B. O. D. D. | A. B. B. S. D. D., I:L. D. | A. B. B. S. Litt. B. M. A. | B. M. B. O. | A. R., R. S., B. O., R. M., B. M. in Theol. A. M., D. D., LL. D. |
| •• | Semester hours required for A. B. degree. | ¢ | 8 | 120 | | | <u>8</u> |
| | nt stoods thin' schoods in 's mort stin') Speiges ascender A | | 8 | Yes. | . <u>;</u> | ŝ | ie. |
| | Entrance.conditions permitted. | + | 3 | . 0 | * | 7 | ~ * |
| | Present entrance requirements became effective. | e0. | 1161 | 101 | 1910 | 9161 | 6061 |
| | Units required to enter A. B. course. | 6 | H . | 15 | 1SL | 14 | 4 |
| • | Name of institution. | | saderson-Brown Col- lege. | Hendrix College | Little Rock College | lountain Home Bap- tist College (junior | olier). schita College |







| Arkansas higher institutions-Continued. | which preparatory school separatory school Special students Special students Material or buildings and Value of buildings and trougaling accorded gradi- ates at recorded gradi- ates at recorded gradi- school- uate school- | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | Not entirely. (2) 40 23 Pour. \$13, 7.0 Fair. Not accurded. | da | om- 103 50 74 Fair 116,000 Fair N | 21 30 19 Good 10,100 Good | Nearly come. 115 27 143 Guid. 375, 089 Fair Not accorded | 171 43 104 Fairly 24 day Fairly | and find do in the | 9 1 June Pouce 903, (MM) Threatise N | Nearly come 202 52 42 Fairly 200, Fairly In some in- | 3 0 1.13 Freehent 2. at2 and Cont. Thu. G.B. 217 Furthering X06 and Cont. Yes. | (1) this us distribution the separation of earlier grant preparations a during the second of the transformer second in the transformer with entrance equilibrium integration of the integration of the second of the performance of the second of the performance |
|---|---|---------------------------------------|---|-----------------------------|-----------------------------------|---|--|---------------------------------|---|--------------------------------------|--|---|---|
| -Comparative statement of conditions in Arl | Students in the cullege negatory shool sep- negatory and negatory and negatory and negatory n | | · | tirely. | Partially | do | Yever | | Partially | No | Partially | | |
| nt of con | treparatory school part of college organization? | 51 51 | 81, 125 Yes. | Lan, Yes. | 1. CO Yes. | Test Ves | 2.230 Yes. | 6,000 Yes. | 6,200 Yes. 10,500 Yes. | uis Yes. | 3,500 . Yes. | AN AN AN AN | • |
| stateme | Amoul appropriation for - Amoul appropriation for - Value of laboratory square - | Ē | 15 III 2 | 1,000 7, | 400 1. | - 00 - 00 | 50.05 | 200 6 | 1,000 500 10 | 250 | . 002 | 13 11 12 11 12 12 | |
| parativ | 2 vierdii ni romulo V | 5. | 5, 205 | 5, 440 | 3,000 | 1,000 | 6 | e) ann | 10,000 | 1,200 | 3,000 | 15,000 | |
| 8Com | evited income. eveloperative?. | ž | 12.12 | 62,000 | | 10, 000 5, 000 | G, (8.8.) | 3,240 | 1979 1972 | 3, 700 | | | e beard. non-uts and perroutical- ents. |
| TABLE | Productive endowment. | 11 | (00) (0:18 | | 2,000 | 2°00 | 65,000 | QUE: | 415,000 | | 104,010 | 6.000 1.02,676 | at and beard relevances |
| | A verage number of stu- server in classes. | <u> </u> = | 111 | | 2 | == | 16-25 | 1+29 | 7-28 | 7-12 | 10-30 | . 12 .23 | room re- |
| • | Name of institution: | | Artansas Collece. | Artennas State Normal 10-26 | Behool. Central College. | College of the Ozarks Creacent College Jun- for college). | Galloway College | Benderson-Brown Col- | - lette. Hendrix Collece. Little Rock Collece | Mountain Home Bap- | colloge). Ouachita College | Bablaco Collere | Also exclusive of room reut and by Exclusive of Government lia unity Exclusive of Government lia unity Thehuding summer school students |



APPENDIX.

STANDARDS FOR HIGHER INSTITUTIONS IN ARKANSAS ADOPTED BY THE COLLEGE PRESIDENTS OF THE STATE, MAY 5, 1920.

1. SENIOR COLLEGES.

4. Entrance requirements. Entrance requirements should be not less than 15 standard high-school units as defined in the by-laws of the Southern Association of Colleges.

2. Requirements for graduation.— The completion of college work amounting to not less than fifteen 60-minute class periods per week through 4 years of 36 weeks each.

3. Number of degrees.—The conferring of a multiplicity of degrees should be discouraged. Small institutions should confine themselves to one or two. When more than one baccalaureate degree is offered, all should be equal in requirements for admission and for graduation. Institutions of limited resources should confine themselves to undergraduate work.

4. Number of college departments. — The college should maintain at least eight separate departments in liberal arts and sciences, with not less than one professor devoting his whole time to each department. This shall be effective after 1920-21. Seven may be allowed till that time.

5 Training of the faculty. A properly qualified faculty should consist entirely of graduates of standard colleges, and each head of a department should hold at least a master's degree from a university having a fully organized graduate school. Graduate study and training in research equivalent to that required for the Ph. D. degree are urgently, recommended.

6. Salaries. The average salary paid to members of the faculty is an important consideration in determining the standing of an institution.

7. Classroom hours per teacher. -Not more than 18 hours per week should be required of any teacher, 15 being recommended as the maximum.

8. Students in classes.—The number of students in a recitation or laboratory section should be limited to 30. A smaller number is desirable.

9. Support. In addition to income from tuition fees, room rent, boarding halls, etc., the college should have a productive endowment of not less than \$200,000, or its equivalent in assured annual income.

10. Library. The library should contain, exclusive of public documents and periodicals, at least 5,000 volumes bearing specifically upon the subjects taught, and should have an app priation of not less than \$500 a year for permanent additions. The library should contain 7,000 volumes two years from the present time.

11. Laboratories.-- The laboratory equipment should be sufficient for all the experiments called for by the courses offered in the sciences; sufficiency to be measured by the value of apparatus and equipment.

12. Separation of college and academy.--The college may not maintain a preparatory school as part of its college organization. In case such a school is maintained under the college charter, it must be kept rigidly distinct and separate from the college in students and faculty.

13. No subfreshman work.—The college may not maintain or provide for any classes except those for which college credit can be given in a degree schedule.

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14. Proportion of regular college students to whole student body. - At least 75 per cent of the students in a college should be pursuing courses leading to baccalaureate degrees in arts and sciences. The classification of students must be printed in the catalogue.

15. *Material equipment*.—The location and construction of the buildings, the lighting, heating, and ventilation of the rooms, the nature of the laboratories, corridors, closets, water supply, school furniture, apparatus, and methods of cleaning shall be such as to insure hygienic conditions for both students and teachers.

16. Curriculum and spirit of administration.—The character of the curriculum, the officiency of instruction, the scientific spirit, the standard for regular degrees, the conservatism in granting honorary degrees, and the tone of the institution shall also be factors in determining its standing.

17. Standing in the educational world, -- The institution must be able to prepare its students to enter recognized schools as candidates for advanced degrees.

II. JUNIOR COLLEGES.

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Junior colleges shall be those exacting standard entrance requirements and giving two years of standard college work.

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