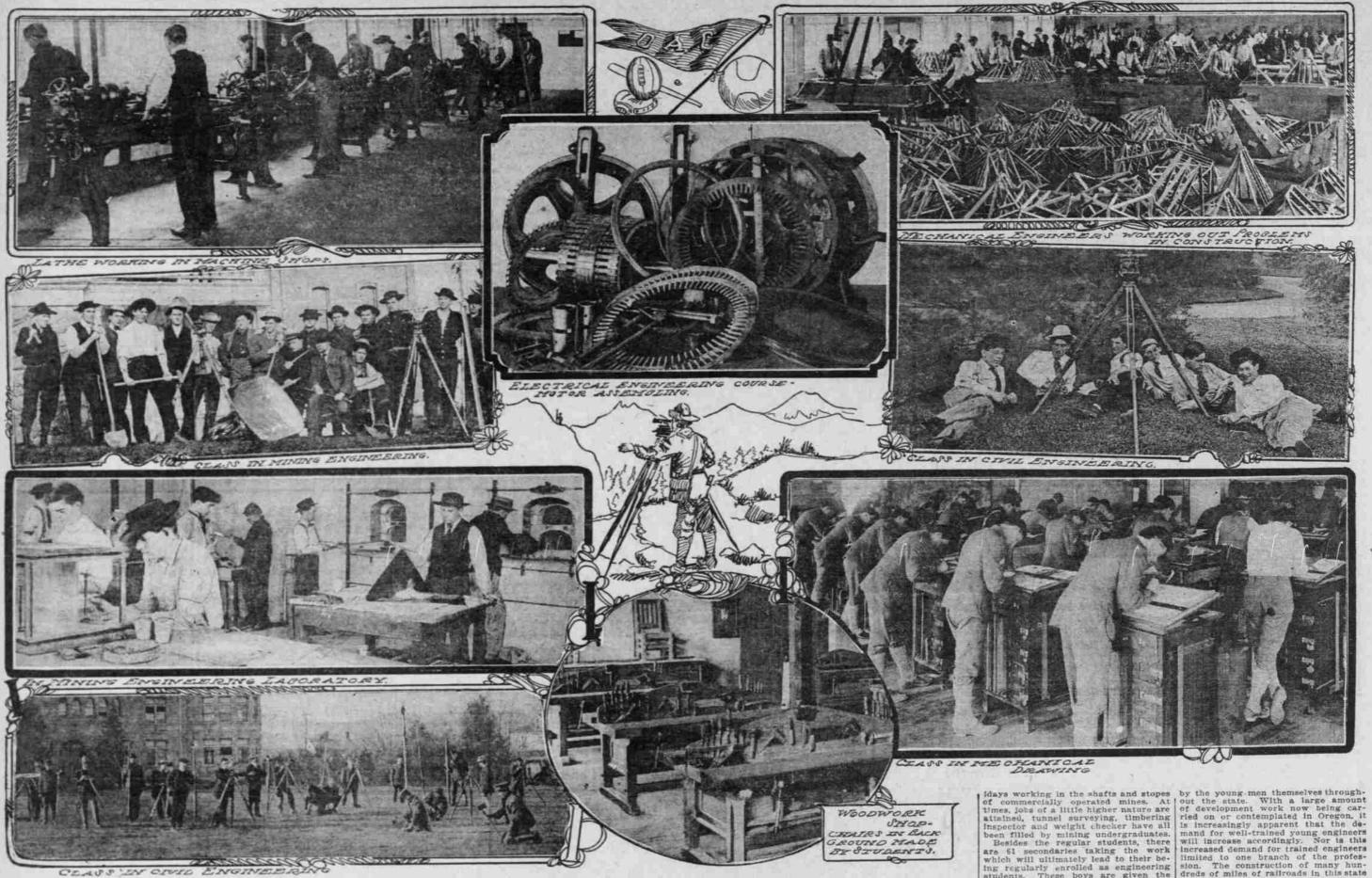
## PRACTICAL TRAINING OF ENGINEERS IS AIM AT O. A. C.

Big Percentage of Students Pass Summer Vacations in Working in Mines or for Power Companies-Classroom Studies Devote Part of Courses to Non-Technical Branches.



ORAGNOSTINAL COLLARIA COLLARIA

This type of trip is not undertaken for pleasure, but is in the nature of preparation for the work which will terms after the schooldays are over.

products of mines in the practical work
which they did while on the trip.
This type of trip is not undertaken feasions he will finally be graduated.

The electrical engineering depart-ment has an enrollment this year of 70, being the second largest department in the engineering schools. Much of the upper class work in this department consists of laboratory practice and instruction during which the students become thoroughly familiar with

ing the Summer months and you are pretty sure to see some Oregon Agri-cultural College electrical undergrad-

in the Oregon Agricultural College mining department. This year there are 20 students taking mining engineering. Men, upon completing this nearing. Men, upon completing this number the engineering students have load to departments, such as chemisous phase been covered. During the consumer months the students in this public speaking, etc.

There are 20 members in the engineering students have land to difficulty in getting employment, and once having gotten it have rapidly shown themselves to be worthy of promotion. With the completion of the consumer months the students in this Special Work Comes Late.

Many Earn Education.

Many of the young men in the different branches of engineering are modern language. From working their way through cellege the work for the work which will instruction during which the students branches of engineering are nownearing their way through cellege.

Agood mechanical engineer nownearing their way through cellege the work of his part of the upkeep of the subsent of engineering work and it is necessary for them not only to earn their own livelihood during the reaches the machines in the engineering schools. Much of the upper class work in this department are 20 students taking mining as much work as any other man on the lot and instruction during which the students become thoroughly familiar with and instruction during which the students have ladent on the lot string wires, but how to handle men and instruction during which the students have ladent on the polar of the opportunity, and besides this nearly as substant with a safety belt around him doing as much work as any other man on the lot string which the students have ladent the upper class work in this department are 20 students taking mining as much work as any other man on the lot string the engineering in the engineering students have ladent on the lot of any other man on the polar than the upper class work in this department are 20 students taking mining as much they belt around him doin meering. Men, upon completing the engineering students have ladent on the lot of assay which and instruction during which the students have a pretty good knowledge have been covered. During the beginning of the upkeep of machines of engineering work sand on the lot of assay which as the winders of the engineering students have ladent on the lot of assay other man o

Inspector and weight checker have all been filled by mining undergraduates. Besides the regular students, there are 61 secondaries taking the work which will ultimately lead to their being regularly enrolled as engineering students. These boys are given the elementary work with the other secondary students, but their interest in the engineering pursuit is kept up by giving them shop work and elementary

Large Increase Marked.

There are 20 members in the engi-

limited to one branch of the profes-sion. The construction of many hun-dreds of miles of railroads in this state within the next three years will re-guire hundreds of young civil and mechanical engineers.

Many Engineers Needed

The development of the country with the rapidly increasing population, the derived from the mechanical engineer, would be far less efficient than the present-day central station. There are 56 students in the mechanical engineering course at the Oregon Agricultural College.

Practical Branches Taught.

The interest in mining engineering is increasing very rapidly and a corresponding increase both in the numbers and in the equipment is noticed work the student is children to get the engineering degree. The college to building of towns and clies and the general requirements of electricity, all make it certain that there will be general requirements of electricity, all make it certain that there will be plenty of work for the young electrical engineer to take up when he is through with his preparatory training. There is a constantly increasing population, the special content of the general requirements of electricity, all make it certain that there will be general requirements of electricity, all make it certain that there will be plenty of work for the young electrical engineer to take up when he is through with his preparatory training. There is a constantly increasing population, the special content of the general requirements of electricity, all make it certain that there will be general requirements of electricity, all make it certain that there will be general requirements of electricity, all make it certain that there will be plenty of work for the young electrical engineer to take up when he is through with his preparatory training authorities. Upon completion of this general requirements of electricity, all make it certain that there will be plenty of work for the young electrical engineer to take up when he is through with his preparatory training authorities. Upon completion of this general requirements of electricity, all make it certain that there will be general requirements of electricity, all make it certain that there will be plenty of work for the young electrical engineer to take up when he is through with his preparatory training proposed to the college of the engineer sorts of building material. These are being dug out of the ground as fast as men and money become available. The record of the O. A. C. Engineer-

## PORTLAND PASTOR'S SERMON TELLS HOW CREATOR HAS HELPED MANKIND

Taking Ebenezer as Text, Appeal Is Made to Give Return for Benefits Showered by Leading Christian Lives.

cerning that. There have come into our lives such adjustments; such un-expected opportunities; such supplies of wisdom, strength, forbearance and

sometimes when my failure to live the Christian life looms gloomiest before me, I say, "My God, the miracle is that I am trying to live it at all." And sometimes when I look over a congregation and think I am going to endeaver by the grace of God to show these people some of the giories of Jesus Christ. I hugh in my heart to think that I—the most unlikely in all the world—should be a preacher of the gospel. And equally strange it may

BY WALTER BENWELL BINSON.

A NI) Samuel took a stone and lever and he who has so gloriously befriended us is named Jehovah,
out of thine own mouth will judge
word.

There is no possible contradiction comhelped by God. We have been helped
by God. We have been helped by God. We have been helped to god. We h

continue to help us to the end.

Thou hast helped in ever need.

This suboldens me to plead:
After so much merry past.
Cannt thou let me sink at last?
Let me re-state the argument:
His love in time past forbids me to think
He'll leave me at last in trouble to sink;
Hach sweet Ebeneser I have in review
Confirms his good pleasure to help me quite
through.

Ebeneser! To create is to love; and

He says, "I will never leave thee."

Then must be ever be with me. For am I not so related to him that he is of necessity bound to complete the work he commenced? He says he is my Saviour. Well, if he is my Saviour it follows that he must save me. He is my father. And I thought only last street holding the hand of my child I thought if I suddenly saw some danger come this way how willingly would I was he not with Duniel in the lions' of the same Bible; the s

consists when the properties of the second approximate when the properties of the pr ing to ask the question,