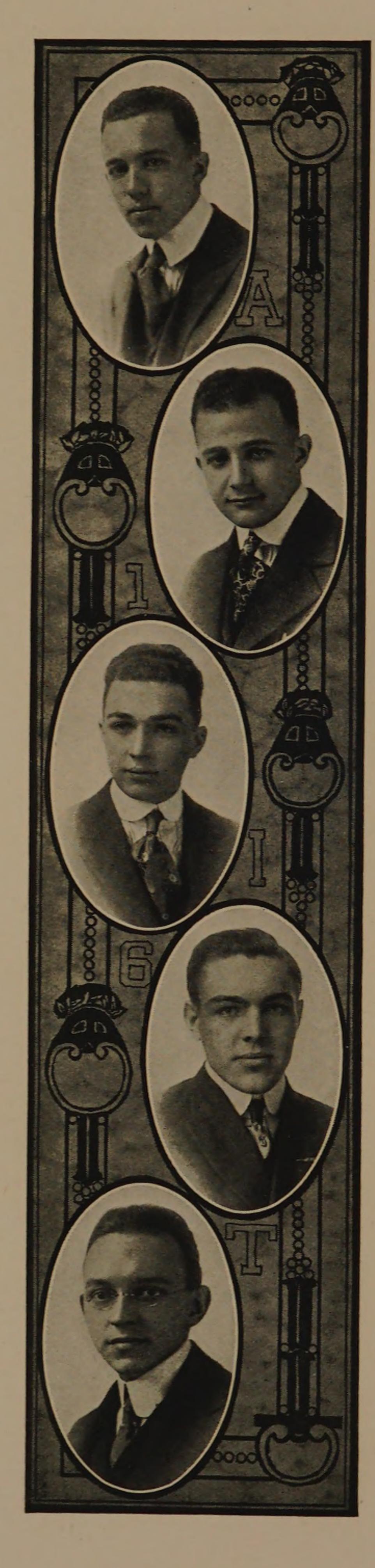


#### THE CLASSES



# B.S. in M.E.

# MAURICE L. WILCOX

Gasoline Characteristics.

Born, July 15, 1894, at Faribault, Minn.
Omega Lambda; Tau Beta Pi; A. S. M. E.; "A" Club; Y. M. C. A.;
Baseball, '15-16; Basketball, '13-'14-'15; Class Baseball, '13-'14-'15-'16;
Class Track, '13-'14-'15-'16; Class Basketball, '13-'14-'15-'16; Golf Championship, '13-'14-'15; Tennis Team, '15; Social Committee, '14-'15; Representative of Rooters' Association.

Everybody likes "Willie" Wilcox. In his quiet way, "Willie" steps with the leaders on the ball field, or on the green, or on the polished floor. He and "Shorty" Mouat are a pair (closer to kings than jacks). He has always made the Profs. believe that he had his lessons; and the fellows know him to be a good fellow. We have no doubt that he will

be successful after receiving his B.S. in M.E., as he was before.

#### ARTHUR S. ALTER

A study of Anti-Friction Line-Shaft Bearings. Born, February 28, 1893, at Detroit, Mich.

Wendell Phillips High School, Chicago, Ill., 1912.

"A" Club; A.S.M.E.; S.A.E.; Y.M.C.A.; Track, '12-'13-14; Class Track, '13-'14-'15-'16; Captain Track, '15-'16; Captain Class Track, '13-'14-'15-'16; Assistant Business Manager The Cycle, 1915; Athletic Editor Fulcrum, '13-'14; Chairman Social Committee, '13-'14; Secretary and Treasurer "A" Club, '14-'15; Statistician "A" Club, '13-'14; Board of Athletic Control, '15-'16; Rooters' Association Representative, '12-'13-'14.

"Art" has been one of the most consistent promoters of student activities the class has had. His influence was enough to get the boys to pay two bits to see a ball game.

#### ELLIS SHOPBELL ECHLIN

Characteristics of, and Influence of Environment on a Fan Dynamometer. Born, March 23, 1894, at Janesville, Wis.

Janesville High School, 1911.

Omega Lambda; Tau Beta Pi; A.S.M.E.; Western Society of Engineers; Radical X; Member Social Committee Senior Year; Chairman Social Committee Junior Year; Secretary A.S.M.E.; Junior Play.

"Eck" is one of the active Mechanicals. In addition to being an excellent policeman in the Junior Play, he has been a faithful member of

the Social Committee.

## JOHN BROMAN

Broman Steam Separating and Water Circulating Device.

Born, February 27, 1893, at Chicago, Ill.

Englewood High School, 1912.

"A" Club; A.S.M.E.; Baseball, '13-'14; Basketball, '14; Class Baseball, '13-'14-'15-'16; Class Track, '13-'14-'15; Class Basketball, '13-'14-'15-'16; Sergeant-at-Arms, '12-'13.

"Long John," as Broman is universally known around the Institute, is one of the type who does not believe in taking anything too seriously. His easy-going ways have made him many friends.

## KONRAD L. OTT

A Study of Motorcycle Engine Characteristics.

Born, July 15, 1893, at Indianapolis, Ind.

Hyde Park High School, 1912.

A.S.M.E.; Fulcrum Representative Junior Class.

Konrad entered Armour with the ambition of taking both the Mechanical and Electrical courses simultaneously. In his Senior year, having to choose between the two, he decided to be a mechanical and experiment on gas engines. As a hard worker and good student Ott is right at the top.