



By Al N. Schrieber

Patterns

The tapestry of world activities has had woven into its pattern a myriad of different colored fabrics. The major designs in the pattern have been sharply emphasized: war; labor strikes; financial upsets; national fervor over the Constitution, the New Deal, and the Supreme Court; and the bitter struggle between totalitarianism and democracy.

War

All countries fear war, all the peoples of the earth cry for peace; and yet Mars is becoming more and more active. Japan and China unofficially went to war this summer as a climax to years of mutual hatred and suspicion. China was not quite ready for the conflict; she needed two years more, but Japan was ready and took advantage of her opportunity. It is generally conceded by disinterested observers that Japan will gain control of Northern China; and then the fight will depend upon whether or not Japan can continue to supply sufficient men against China's mass of soldiers, and whether or not China can financially hold out against Japan.

Spain has continued to be the testing ground of Italy and Spain in the preparation for their ultimate struggle with England, France, and Russia. Mussolini, with his carefully planned recklessness, is putting salt into the wounds of his enemies. Within the next few weeks he and his military leaders will visit the Herr Hitler and his Nazi henchmen. There is no doubt that this friendly tea party will plan out the next World War. England is trying to let it Duce and der Fuehrer burn themselves out in Spain, while John Bull quietly makes himself the strongest military nation in the world. If the new war should break out this winter, as many observers say it will, America should start praying that Cordell Hull as Secretary of State and the President can keep Uncle Sam from accepting any sugar coated invitation of crafty European statesmen to enter the melee.

Black and White

President Roosevelt has taken some strong punches in the pugilistic combat of the New Deal vs. Stand-patters. The last Congress adjourned without approving even a fraction of the President's plans, and the Supreme Court issue still remains the center of agitation. Without a liberal interpretation of the Constitution most of the New Deal plans are doomed to failure. The attempt by Roosevelt to liberalize the Supreme Court by the appointment of Justice Hugo L. Black has created a storm of protest that may swamp the court packing boat.

Black is charged with being a member of the Ku Klux Klan, the southern night shirt organization for controlling the negroes, Catholics, and Jews of the South by terrorism and intimidation. Almost every newspaper in the United States is forcing the issue and demanding a clarification of the President's position if Black admits his association with the K. K. K. The President, however, will probably let the stew boil until he can personally talk with Black upon the latter's return this month from a European visit.

Nearly 95 Per Cent of '37 Now Employed

According to Mr. W. N. Setterberg, Armour Tech's personnel director, about 95 per cent of last year's graduates are at present satisfactorily employed. Of the remainder some are planning to study for a master's degree and others are employed, but not satisfied with their positions.

Mr. Setterberg said that although the employment is promising, jobs were not obtained as readily as they were a year ago, in spite of the fact that more companies sent representatives to interview students than ever before.

Scholarship—

(Continued from page one)

gineer and Alumnus. His scholastic record earned him the honor of being a student Honor Marshal for the past three years and assisting at the annual commencement exercises.

Schrieber is Senior Mechanical

Schrieber has also the distinction of earning recognition as an Honor Marshal with a high scholastic record and came to the Institute in 1934 with a Freshman Scholarship. He has served on the Armour Tech News Staff as a feature writer and copy editor, and is a business assistant of the Armour Engineer and Alumnus. In addition he is a member of Sigma Alpha Mu, social fraternity, and Pi Tau Sigma, and Sphinx, honorary fraternities.

Civil and Electrical

E. L. Stoll and R. E. Worcester receive the Edward G. Elcock scholarships, which are also awarded each year under the direction of the President of the Institute and are available to candidates who are juniors or seniors in the Civil Engineering Department of the Institute. Stoll entered the Institute with a half year freshman scholarship and during his three years at the Institute has managed to earn his expenses and to support himself by outside work.

Worcester, an electrical engineering student, has had three years experience as a member of the Tech News reportorial staff, a member of the Glee Club and the Armour Players. He is a member of Eta Kappa Nu and Pi Nu Epsilon fraternities. Worcester came to the Institute with a half year freshman scholarship in 1934.

Kliphardt Receives Scholarship

The John H. Hamline scholarship was made available to candidates by a number of his personal friends as a memorial to this eminent lawyer and citizen and is available to the appointee of their committee under the advice of the President. The recipient of this scholarship is R. A. Kliphardt, who entered the department of Architecture in 1934 with a half year freshman scholarship. Kliphardt is a member of Tau Beta Pi and a member of Scarab, honorary architectural fraternity.

President Hotchkiss Visits Hawaiian Islands in Summer

Dr. and Mrs. Hotchkiss returned last week from a trip to Hawaii where they visited their son and his family on the Island of Kauai. Mr. Hotchkiss, Jr. is connected with Alexander and Baldwin, Ltd., who operate sugar and pineapple plantations and other enterprises throughout the Islands.

While in Honolulu, the President also visited Mr. Claude A. Stiehl, Architecture '24, who has built up a flourishing practice there. Mr. Stiehl sends his greeting to friends on the faculty and among the alumni, and wants them to know that he is enthusiastic about the development of Hawaiian architecture. He is especially impressed by the impact of oriental upon occidental architecture in the Mid-Pacific.

Executives Offered Conference Course

Supplementing last year's conference course in plant engineering and management, a conference course dealing with the practical training and management of employees will begin in the middle of next January. It will again be conducted by the social science department under Prof. H. P. Dutton. Speakers who are authorities in the field will lead the conferences.

In November, a two day conference on "Industrial Relations" will be held for company executives.

The conference course was introduced for the first time here last year. A series of fifteen meetings was held at downtown hotels. At each meeting a specialist in the field to be discussed, was leader of the conference. Each meeting resembles a trade conference in form, offering opportunity for exchange of ideas, experiences and points of view, and being preceded by an informal dinner.

Conference courses for business men are becoming popular not only because of their practical aspect, but because of the opportunity to meet with colleagues.

Seniors, Fire Protects, Tau Betes, Lead Respective Group Standings

The following statistics, compiled by the office of the Registrar, give the scholastic standing of the members of the Freshman, Sophomore, Junior, and Senior classes of the College of Engineering and Architecture, who were in attendance during the second semester of the school year, 1936-1937.

Omit Gyp Credits

In this computation the credits in Physical Training were omitted. A credit for work at other institutions was considered equivalent to 1 grade point if the student's scholastic standing for work at Armour was below 2 grade points, 1.5 if equal to or more than 2, 2 if equal to or greater than 2.5.

The average of the student body, a total of 794 students (part time, special, and cooperative students not included) is 1.50.

The average of the various organizations are as follows:

The Senior Class.....	1.77
The Junior Class.....	1.65
Sophomore Class.....	1.46
The Freshman Class.....	1.28

The student with the highest average in the Senior Class was William B. Graupner. His average was 2.92. W. R. Marshall led the Junior Class with an average of 2.93; A. Zarem, the Sophomores with an average of 2.93; and M. Camras and R. Mead the Fresh with averages of 3.00 each. Departmental Averages, Freshmen not included, are as follows:

Fire Protection

Engineering.....	1.90
Engineering Science.....	1.81
Civil Engineering.....	1.71
Chemical Engineering.....	1.65
Electrical Engineering.....	1.61
Mechanical Engineering.....	1.52
Architecture.....	1.46

The following groups are arranged according to the seniority of their establishment at the Institute.

Honorary Fraternities

Tau Beta Pi.....	2.39
Pi Tau Sigma.....	2.13
Eta Kappa Nu.....	2.30
Chi Epsilon.....	2.34

Phi Lambda Upsilon.....	2.38
Salamander.....	2.37
Sphinx.....	2.13
Pi Nu Epsilon.....	1.80

Professional Fraternities

Scarab.....	1.81
Alpha Chi Sigma.....	2.01

Social Fraternities

Phi Kappa Sigma.....	1.14
Delta Tau Delta.....	1.40
Theta Xi.....	1.54
Phi Pi Phi.....	1.36
Rho Delta Rho.....	1.69
Sigma Alpha Mu.....	1.79
Triangle.....	1.55
Pi Kappa Phi.....	1.37

The averages of all students belonging to the Phi Kappa Sigma, Delta Tau Delta, Phi Pi Phi, Triangle, and Pi Kappa Phi Fraternities (fraternities that own or rent their own chapter house) is 1.37.

The average of all other students is 1.53.

In the above averages the following numerical values were given to letter grades: A, 3 grade points; B, 2 grade points; C, 1 grade point; D, 0 grade points; and E, 0 grade points.

Komarewsky Speaks Before American Chemical Society

Dr. V. I. Komarewsky, director of the Universal Oil Products Company research laboratory at Armour Tech, delivered a paper before a meeting of the American Chemical Society at Rochester, New York, on September 7. The subject of his paper was the "Aromatization of n-Octane and n-Decane in the presence of Nickel Alumina Catalyst."

At present, Dr. Komarewsky is experimenting in his laboratory on the fourth floor of the Main building on catalytic agents which will aid reactions in cracking crude oil to make gasoline. In addition experiments are being made in the hope of converting gaseous by-products of little value into gasoline.

Radio Talks Are Given by Faculty

Last Saturday evening, from 7:30 to 7:45 p.m., the fourth in a series of educational programs sponsored by Armour Tech entitled "Applied Science" was presented over station WCFL.

The series, concerned with the applied scientific field and presented with the cooperation of the Adult Education Council of Chicago, deals not only with the advancements in the scientific and engineering world, but also with the application of those advancements and of past developments to our everyday life.

Traffic Safety

The fourth program of the series dealt with the subject of Traffic Safety, its mechanical aspects, and its social and economic significance. Guest scientist on the program was John F. Mangold, Associate Professor of Mechanics, who explained the application of the theory of mechanics to the problem of traffic safety.

Previous programs of the series featured Dr. Thomas C. Poulter, executive director of the Armour Institute Research Foundation, who spoke on the application of high pressures to our every day lives, and described the technique resulting in the attainment of one million five hundred thousand pounds per square inch of hydrostatic pressure, which made scientific history a few months ago.

Other Programs Given

Other programs in the series featured Prof. Philip C. Huntly, Director of the Mechanical Engineering Department at Armour, who spoke on Diesel Engineering, and Prof. Melville B. Wells, Professor of Civil Engineering, who spoke on the subject of Aerodynamics, the basic science which has made flying possible and which has brought about our present day efforts in streamlining.

These three previous programs were also fifteen minutes long and were presented over station WCFL.

Linked together for your pleasure in Chesterfield Cigarettes

Milder Better Tasting... because they're made of MILD RIPE tobaccos

...only Chesterfields give smokers that refreshing mildness and delightful aroma—that taste that smokers like...

...it's because Chesterfield links together—blends and cross-blends—the finest aromatic tobaccos from Turkey and Greece and the best mild ripe cigarette tobaccos from our own Sunny South—

Enjoy Chesterfields... THEY SATISFY