



COLLEGE REPORT

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We hear much these days of our colleges and universities struggling to redesign their curriculum to meet the demands of a changing society. This is nothing new in American history. Such a currently established field as engineering did not have an easy time finding a respected place in higher education.

The ancient Greek thinkers of the Hellenic and Hellenistic age, whose ideas until quite recently pervaded all institutions of higher education everywhere, deplored all studies related to the work of the field. Almost to a man, these academies unyieldingly believed that "bananas" (vulgar, menial) men engaged in such activities; and hence they would have been shocked at the suggestion that agriculture, engineering, and commerce should be studied in universities.

Not until the 19th centuries would these subjects be reluctantly admitted to lowly status in European universities, and to this day those of Germany typically exclude them.

THE SAME attitudes hampered their cultivation in American colleges, but the passage of the Land Grant College Act led to suppressing the antagonism of all but who still believe that they do not belong in universities. Like-minded men all but monopolized higher educational policy at the time that President Lincoln signed the Act in 1862; and thus its promoters succeeded in their arduous campaign for its passage and for the remodeling of American colleges only because the terrain had been readied by pioneer educators and laymen, cheered on by discerning men of wealth.

During the late 18th and early 19th centuries, Benjamin Franklin, Thomas Jefferson, Benjamin Rush, and a number of other leading Americans resolutely advocated what later came to be called technical education; but not until Stephen Van Rensselaer provided funds did it begin to make headway.

Impressed by the work of Amos Eaton, whose lectures and investigations in New England and New York aroused a swelling interest in science, Van Rensselaer in 1824 established a school in Troy, New York, headed by Eaton, "for the purpose of instructing persons... in the application of science to the common purposes of life." Toward this end he then and later gave more than \$20,000 to found what developed into Rensselaer Polytechnic Institute. It opened primarily devoted to agriculture but soon became famous as a civilian engineering school, the first in the English-speaking world.

A DECADE earlier that extraordinary American expatriate, Count Rumford (Benjamin Thompson), bequeathed Harvard funds "for the extension of the industry, prosperity, happiness and well-being of Society" by means of "the useful arts." He stipulated the founding of a "new institution" related to Harvard which would train applied scientists like himself; but the corporation decided to assign the income of the bequest to a professor of medicine for delivering occasional lectures on technology. Had Rumford's intention been honored, Harvard would have become the first American institution of higher education to foster engineering. That distinction, instead, belongs to R.P.I.

Van Rensselaer, a Harvard graduate and one of the promoters of the Erie Canal, glimpsed the momentous importance of applied science; and so did the second philanthropist to subsidize it, namely, Abbot Lawrence, a Boston merchant, textile manufacturer, and railroad builder who had not attended college. In 1847, he gave Harvard \$50,000 with which to establish the Lawrence Scientific School. That same year two young enthusiasts contributed their meager

savings and all their time to projecting what developed into Yale's Sheffield Scientific School.

ENGINEERING education encountered hostility. For example, the Yale authorities would not permit Shef-

field students to live in the same dormitories as the students of Yale College, or to belong to the same fraternities, or until the mid-1880s to play on Yale football teams. President Noah Porter and most faculty members recognized the necessity of technical education, but they insisted that it be completely isolated from the classical education given in Yale College.

This "what is useful is vulgar" bias accounted for the rise of a score of pioneering engineering schools unconnected with universities and financed by public spirited men of wealth.

Mom-Daughter Twins Sought for Contest

Do you and your daughter look alike... really alike?

If you do, you'll be interested in the new contest on tap this year at the Los Angeles County Fair. It's a Mother-Daughter Look-Alike contest.

Age won't count at all—in fact, you won't even be asked how old you or your daughter are. It's important, however, that the two of you look alike, walk alike, and even talk alike.

The contest will be one of the features of the new Ladies Day program on Tuesday, Sept. 17. The fair runs from Sept. 13 through Sept. 29.

The contest itself will be held promptly at 5 p.m. at the Amphitheatre, but all contestants must be present by 4:30. Entry blanks may be obtained now by writing the Fair office, Box 2250, Pomona 91766.

Suggestion Nets Worker \$83 Check

Robert G. Sterner, 4528 Talisman St., a mechanical repairman at the Bureau of Sanitation's Hyperion Treatment Plant, won \$83 for a suggestion that resulted in prolonging the life of cross-collectors at the plant.

He is a frequent winner in the Board of Public Works' program to save money through incentive rewards for improvement suggestions.

Carson Library

The Carson Library will reopen as the provisional regional headquarters library of the South Bay Region next Monday with increased hours of public service, Supervisor Kenneth Hahn announced today.

The new hours will be from 10 a.m. to 9 p.m. Monday through Friday and 1 to 6 p.m. on Saturdays. According to County Librarian William S. Geller,

the new hours are consistent with those at all regional headquarters libraries and are necessary to provide the full spectrum of services.

The Carson Library is located at 22102 S. Main St.

It will reopen with a substantially increased book collection and a number of new services, including the loaning of audio-visual materials.



Fantastic \$10.25 ^{*discount} savings in this ad

*Total Savings Figure is Computed on Single-Unit Purchases. The Figure Would Be Much Higher if the Discount Savings on Meat & Produce Were Included in This Computation.

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FACE OF 18" INCH. 3/4 OFF **Schick Blades** \$1.50 \$1.00

ALPHA BETA FEATURES 10% DISCOUNT ON ALL MAGAZINES, BOOKS & GREETING CARDS

4 1/2 OUNCE TUBE **GROOM & CLEAN** \$1.10 95¢

WHITE PETROLEUM JELLY **VASELINE** 1 1/2 OZ. JAR 26¢ 21¢

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SOFT WEAVE **TOILET TISSUE** 2 ROLL ASSORTED **23¢**

SCOTTIE'S • PACK OF 10 **FACIAL HANKIES** 13¢ 10¢

5-LB. BAG • GRANULATED **SPRECKELS SUGAR** 58¢ 53¢

PACKAGE OF 25 • INCL. 4¢ OFF **GLAD BAGS** 30¢ 32¢

PACKAGE OF 30 • INCL. 3¢ OFF **SCOTT Facial Tissue** 29¢ 27¢

WHITE OR ASSORTED COLORS **SCOTT Toilet Tissue** 14¢ 13¢

MISCELLANEOUS ITEMS

1/2 OZ. • WHIP TOPPING **D-ZERTA** 10 CAN 40¢ 39¢

PLAUNTERS • 16 OUNCE BOTTLE **POP CORN OIL** 35¢ 31¢

1 1/2 OZ. • 11 OUNCE **CHEESE CAKE** 55¢ 51¢

1 1/2 OZ. CAN **RAID ANT & ROACH** 90¢ 75¢

1/2 OZ. BOTTLE • QUARTY JAR **RAYON WAX** 55¢ 49¢

1/2 OZ. • 4 T. • 8 PLY **Carnation Steror** 90¢ 79¢

CHIEF BOY AR DEK • 40 OZ. CAN **BEEFARONI** 70¢ 72¢

Butter Cheddar • 15 OZ. One-Pan **ANGEL FOOD CAKE** 50¢ 57¢

TWO STEP **BUETT CROCKERS • 2 1/2 OZ. PFF. FUDGE BROWNIE MIX** 40¢ 48¢

1/2 OZ. • 8 OUNCE CAN **FRUIT COCKTAIL** 19¢ 18¢

QUARTY • INCL. 5¢ OFF **WISK DETERGENT** 70¢ 69¢

QUARTY SIZE • INCL. 10¢ OFF **JOY LIQUID** 50¢ 48¢

WHITE KING • GIANT SIZE **WATER SOFTENER** \$1.17 53¢

KING SIZE • REGULAR SIZE **ALPHA BETA DETERGENT** 49¢ 49¢

KING SIZE • INCL. 5¢ OFF **TIDE DETERGENT** \$1.37 112¢

10-LB. BOX • LOW SUDS **ALPHA BETA DETERGENT** 112¢ 112¢

4 OZ. • INCL. 30¢ OFF **AXIAX LIQUID CLEANER** 90¢ 73¢

1 1/2 OZ. CANS • 3 VARIETIES **HI-C FRUIT DRINKS** 11¢ 10¢

1 1/2 OUNCE BOTTLE **MAZOLA OIL** 55¢ 52¢

1 1/2 OUNCE BOTTLE **PLANTER'S • 24 OZ. BOTTLE PEANUT OIL** 63¢ 57¢

3-LB. CAN • INCL. 4¢ OFF **SNOWDRIFT SHORTENING** 70¢ 68¢

PACKAGE OF 40 • ASSORTED **Kitchen Charm Napkins** 10¢ 9¢

1 1/2 OZ. • 4 1/2 OZ. • Super Submerge **SPRINKLE SWEET** 40¢ 45¢

DEL MONTE • 8 OZ. CAN **CUT GREEN BEANS** 19¢ 17¢

8 OUNCE CAN **DEL MONTE SPINACH** 18¢ 15¢

MISCELLANEOUS ITEMS

18 OUNCE PACKAGE **MINUTE RICE** 80¢ 83¢

ASSORTED **SCOTT TOWELS** 31¢

18 OUNCE BOTTLE **LOG CABIN Syrup** 71¢ 61¢

PACKAGE OF 8 ENVELOPES **DIET BREAKFAST** 50¢ 48¢

FRENCH • 15 OUNCE PACKAGE **Instant Potatoes** 80¢ 59¢

1 1/2 OZ. CANS **CAT FOOD** 9¢

75 OUNCE PACKAGE • DOG FOOD **KEN-L BURGERS** \$1.70 \$1.34

1-LB. CAN • ALL GRINDS **MJB COFFEE** 71¢ 69¢

1-LB. CAN • REG. & ELV. PAK \$1.41 \$1.37

4 OUNCE JAR POWDER **MJB INSTANT** 1.00 \$1.00

18 OUNCE JAR **BORDEN'S • 8 OZ. JAR CREAMORA** 40¢ 42¢

DELICATESSEN & CREAMERY

16 OZ. BOTTLES • BLEND • 100% ISLAND **ALPHA BETA DRESSINGS** 57¢

18 OZ. • ROQUEFORT CHEESE 90¢ VALUE

COOKED in Bag CHICKEN \$1.29

CHICKEN MEAT • 1-LB. PACKAGE **ALL MEAT WIENERS** 70¢ 63¢

ALL MEAT FRANKS 50¢ VALUE 49¢

FLEISCHMANN'S • 1-LB. CANTON **Diet Margarine** 43¢ 41¢

CHEESE PIZZA 81¢

PEPPERONI PIZZA • 30 OZ. • \$1.38 VALUE \$1.00

BOLOGNA 59¢

65¢ VALUE

8 OUNCE **MOZZARELLA Cheese** 53¢ 48¢

12 OUNCE **Orange Juice** 79¢ 59¢

1-LB. CARTON • FIRST QUALITY **ALPHA BETA BUTTER** 79¢

FROZEN FOODS

BIRDSEYE • FROZEN • 8 OZ. CAN **AWAKE** 39¢ 28¢

FROZEN • ALL VARIETIES **XLNT DINNERS** 40¢ 38¢

ALPHA BETA • FROZEN • 4 OUNCE CAN **ORANGE JUICE** 22¢

12 OUNCE CAN—40¢ VALUE 45¢

VAN DE KAMP • FROZEN **ENCHILADAS** 30¢ 36¢

DUTCH PRIDE • HALF GALLON **Imitation Ice Milk** 30¢ 35¢

BIRDSEYE **CORN PEAS** 18¢

WILSON'S • FROZEN • 4 OZ. CAN **GRAPE JUICE** 23¢ 21¢

13 OZ. Honey Pears Coffee Cakes • Multi-Flavor Cakes **MORTON'S PASTRIES** 60¢ 66¢

GIANT SIZE PACKAGE **FAB DETERGENT** 69¢

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HOME GAMES THIS WEEK, JULY 11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31

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