

College Program To Be Expanded

Nuclear Science 10, the unique laboratory program of the physical science division of El Camino College, will again be expanded under provisions of a fourth grant received from administrators of the National Defense Education Act.

In making the announcement, William T. Mooney, assistant director of instruction, emphasized that although monies would be used directly in Nuclear Science 10, the relative areas of chemistry and physics would also participate in the program.

Specifically, seven new instruments will be added to the lab. They are a liquid scintillation detector with a term for low energy beta detector amplifier and scaler system, an alpha detector for determination of alpha energies and a transistorized ratemeter for use in monitoring and surveying.

OTHER APPARATUS
Remaining equipment is a chromatographic radioisotope scanning system, an electronprobes unit, electrodeposition units for radioactive sample preparation and an ultrasonic decontaminator.

Warren E. Ford, course

instructor, describes the purpose of the lab as "an introductory course in basic nuclear theories and the industrial, medical and technical applications of nuclear science."

"The program is designed to train personnel in the handling and use of radioisotopes and the instruments associated with their use," Ford said.

FINISH DATE

Equipment purchased under this latest grant will be incorporated into the laboratory for the February, 1963 semester, and classes have been arranged for Tuesday and Thursday evenings from 6 to 7:30 and 7:30 to 10:30 depending upon the section.

Prerequisites for the class are high school science and math.

"I believe, however, persons presently employed in the fields of petroleum, aviation, missiles, electronics,

medicine, plastics and chemistry would find the course especially valuable," Ford added.

Present figures of the Atomic Energy Commission estimate industrial applications of nuclear science in these fields have contributed more than half billion dollars per year to the economy of the United States.

PERSONNEL NEED

"Increased utilization of radioisotopes has brought with it not only a shortage of trained technicians but the need of retaining personnel in areas of radioisotope application," Ford concluded.

During the past summer, Ford attended the NSF Summer Conference in "Properties of Materials" at UCLA and the NSF-AEC Summer Institute in "Radiation in the Physical Sciences" at Iowa State University, Ames, Iowa.

Ford has previously attended NSF-AEC institutes for college teachers in the nuclear field at Oregon State University and Louisiana State University. He has had 10 years of diversified industrial and research experience in the heavy chemical, petroleum, steel and motion picture industries.

Use classified, DA 5-1515

Eggs 'n' Poultry Sizes, Laws Told

How big is a jumbo egg? And what's the difference between large and extra-large eggs?

In California, these questions are decided by regulation. Eggs were a popular subject of discussion at the Consumer Information Conferences conducted by the earlier this year. So was poultry.

EGG SIZES

Size specifications set by the State are:

Jumbo — not less than 30 ounces per dozen;

Extra-large — not less than 27 ounces per dozen;

Large — not less than 24 ounces per dozen;

Medium — not less than 21 ounces per dozen;

Small — not less than 18 ounces per dozen.

EGG QUALITY

Quality specifications for eggs are spelled out under three grades, "AA," "A" and "B."

The legal definition of a fresh egg is not what consumers might expect. Freshness in terms of time is not covered by regulation. The law reads: "It is unlawful to sell ungraded eggs to consumers or to sell cold storage eggs or eggs below the quality of Grade A as 'fresh eggs,' 'ranch eggs,' or 'farm eggs.'"

chickens be labeled with the name of the plant where processed or the state where grown.

The other is the law requiring poultry meat sold in whole carcasses to be labeled with the name of any substance, such as an antibiotic, used to retard spoilage.

POULTRY CLASSES

California has regulations to determine how poultry shall be described when it is offered to consumers for sale. Here are some of the specifications:

Broiler or fryer—a young chicken usually under 16 weeks of age;

Roaster—a young chicken usually under eight months of age;

Stewing chicken—a mature chicken usually more than 10 months old;

Caponette—a young chicken with the general characteristics of either a fryer or roaster which has been treated with the hormone stilbestrol or its equivalent;

Yearling hen turkey—gully-matured male turkey usually under 15 months of age.

The Petroleum Industry of Southern California must invest an average of \$96,700 for each worker on its payroll.

POULTRY BUYING

New, improved standards for poultry inspection have been set recently by the State Department of Agriculture.

In California, poultry inspection is compulsory as a safeguard to health. Poultry grading, however, is voluntary. Grading indicates quality, as distinct from wholesomeness. The grade standards are set by the Federal government, and poultry packers pay to have their products graded.

Quality grades for chickens and turkeys are USDA Grade A, Grade B and Grade C.

NEW POULTRY LAWS
Two new laws relating to poultry enacted in Governor Brown's administration are of interest to consumers.

One is the law prohibiting deceptive labeling of out-of-state poultry as local or home-grown. The law requires that whole-car-

Ribbon-Cutting Ceremonies Open Citizens Bank Office

Ribbon-cutting ceremonies opened new Pacific Coast Highway - Crenshaw Office of Citizens National Bank Oct. 22.

The large permanent office in the Rolling Hills Plaza Shopping Center, Torrance, replaces Citizens' temporary banking quarters nearby which had served the area since it was opened Sept. 22, 1961, according to Roy A. Britt, Citizens' president.

The ribbon-cutting ceremonies at 10 a.m. began a day-long "Open House" for the public. Refreshments were served to all, and door prizes and methods of the occasion presented throughout the day.

Located at 2665 Pacific Coast Highway in Torrance, Citizens' new single-story building with mezzanine contains 6000 square feet of operating space and has a masonry and glass exterior. The architectural firm of Lindsey and Lindsey is the contemporary building's designer; Jefferson, Inc. is the leasing agent and Hinwinkel Construction Company the contractor.

William R. Becker, manager of the branch office, has announced the names of additional staff members who will fill the need created by the expanded facilities.

They are Emilie Davenport, escrow officer; Judith Farrar, teller; and Elaine Meyer, safe deposit clerk. The three will join previous staff members who include assistant manager Al Barkan, Severino Alvarez, Daisy Burns and Joan Hayes. The Pacific Coast Highway - Crenshaw Office will offer customers every modern facility and service including an escrow department, safe deposit boxes, a night depository and ample customer parking areas.

Now in its 73rd year, Citizens National Bank has 72 branch offices in the Southern California area with total resources of more than \$700 million.

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12x9	Coronet's 50% Wool - 50% Nylon Tweed	Cocoa	\$ 49	12x5.8	Callaway's Caprolan Nylon Hi-Lo	Beige	\$ 29
12x8.9	World's 100% Wool Tweed	Black White	\$ 39	12x18.7	Leedom's 300% Wool Wilton Hi-Lo	Sandalwood	\$149
12x18	World's 100% Wool Hi-Lo	Pumpkin	\$ 99	12x9.8	Pride's 50% Wool-50% Nylon Popcorn	Olive	\$ 49
12x10.3	Pride's Tycora Nylon Hi-Lo	Sandalwood	\$ 69	12x12.9	Pride's 70% Nylon-30% Wool Tweed	Cocoa	\$69
12x9.2	Bigelow's 100% Nylon Commercial Tweed	Cocoa	\$ 79	12x17	Callaway's '501' Nylon Hi-Lo	Candy Strips	\$139
8.3x8.5	Leedom's 100% Wool Carved Wilton	Beige	\$ 39	8.8x9	Pacific's Cumulift Nylon Carve	Sandalwood	\$ 79
12x9	Bigelow's '501' Nylon Treebark	Beige	\$ 89	12x12.6	Bigelow's '501' Nylon Modern Sculpture	Cocoa	\$129
8.8x18.5	Leedom's 100% Wool Wilton Hi-Lo	Beige	\$ 59	12x18	World's 100% Wool Hi-Lo	Tangerine	\$ 99
12x19.10	Bigelow's '501' Nylon Treebark	Green	\$199	12x8.8	Pride's Cumulift Nylon Popcorn	Rose Beige	\$ 49
12x14.5	Bigelow's '501' Nylon Space Tweed	Sandalwood	\$179	12x9	Groff's Nylon Nylon Tweed	Cocoa & Charcoal	\$ 79
12x16.6	Bigelow's '501' Nylon Cobblestone	Martini	\$189	12x10.3	Callaway's Caprolan Nylon Hi-Lo	Champagne	\$ 79
12x9.2	Bigelow's 100% Commercial Nylon Tweed	Cocoa	\$ 79	12x11	Groff's 100% Wool Hi-Lo	Champagne	\$ 59
12x13	Callaway's 100% Wool Tree Bark	Gold	\$139	15x22.3	Leedom's 100% Wool Sculptured Wilton	Rose	\$239
12x24	Coronet's Cumulift Nylon Popcorn	Grey	\$189	9x13.8	Roxbury's 100% Wool Wilton Hi-Lo	Nutria	\$ 99
15x7.5	Coronet's 100% Acrilan Hi-Lo	Cocoa	\$ 69	15x10.7	Bigelow's '501' Nylon Cobblestone	Nutria	\$149
9x10.8	Pride's 70% Nylon-30% Wool Tweed	Cocoa	\$ 39	12x15	Pierce 100% Cotton Plush Chenille	Sandalwood	\$ 99
12x6.7	Groff's Caprolan Nylon Cut-Pile	Green	\$ 39	12x12	Pierce's 100% Cotton Plush Chenille	Sandalwood	\$ 79
12x12.4	Hollytex's 100% Nylon Hi-Lo Tweed	Beige	\$ 79	12x16.2	Coronet's 100% Nylon Filament Fringe	Parchment	\$109
12x7	Bigelow's Deluxe '501' Popcorn	Nutria	\$ 49	12x12.9	Pierce's 100% Cumulift Nylon Tweed	Gold	\$119
12x12	Bigelow's 100% Wool Black Design	Blue & Multi	\$ 89	15x17.10	Bigelow's Enkaloft Nylon Hi-Lo	Beige	\$179
12x11.3	Magee's 100% Wool Knitted Tweed	Red & Cocoa	\$119	12x18.5	Coronet's '501' Nylon Fringe	Spanish Moss	\$159
12x6.5	Berven's 100% Nylon Popcorn	Champagne	\$ 29	12x15	Callaway's 20% Wool-20% Nylon Tweed	Gold	\$ 99
12x10.4	Callaway's Cumulift Nylon Tweed	Beige	\$ 99	12x17	Callaway's 20% Wool-20% Nylon Tweed	Gold	\$119
12x8.9	Coronet's 100% Cumulift Nylon Tweed	Cocoa & Beige	\$ 69	12x6.8	Leedom's 100% Wool Wilton Tweed	Cocoa	\$ 39
12x10.6	Bigelow's 100% Wool Boucle	Green	\$119	13x5.9	Bigelow's '501' Nylon Cobblestone	Honey	\$ 49
12x26	Aidon's 70% Wool-30% Nylon Tweed	Blue & Green	\$199	8.8x11.4	Bigelow's '501' Nylon Modern Carve	Beige	\$ 79
12x24	Coronet's 100% Acrilan Tweed	Cocoa	\$219	18x10	Coronet's 30% Wool-50% Nylon Tweed	Cocoa	\$ 59
12x28.3	Hollytex's 100% Cotton Hard Twist	Green	\$129	12x18	Callaway's 100% Wool Candy Lavender Stripes	Red	\$129
12x8	Magee's 100% Wool Hi-Lo Wilton	Martini	\$ 89	12x17	Callaway's Cumulift Nylon Tweed	Cocoa	\$169
12x11	Groff's 100% Wool Heavy Tweed	Cocoa	\$ 79	15x13	Aidon's 70% Wool-30% Nylon Popcorn	Off White	\$149
12x8.9	Hollytex's 100% Nylon Hi-Lo Tweed	Cocoa	\$ 29	12x19.6	Pride's 100% Wool Popcorn Tweed	Beige	\$129
12x8	Coronet's Cumulift Nylon Tweed	Beige	\$ 59	15x16	Coronet's Cumulift Nylon Popcorn	Beige	\$159
7.8x13	Pacific's 100% Tycora Nylon Tweed	Gold	\$ 49	12x13.6	Coronet's 100% Wool Hi-Lo	Royal Blue	\$ 89
12x8.5	Pride's 100% Nylon Fringe Twist	Beige	\$ 59	12x12	Coronet's 100% Wool Hi-Lo	Light Blue	\$ 79
12x8	Bigelow's '501' Nylon Hi-Lo	Nutria	\$ 69	12x15	Coronet's 100% Wool Hi-Lo	Gold	\$ 99
12x13.4	Callaway's Caprolan Nylon Hi-Lo	Nutria	\$ 89	12x11	Coronet's 100% Wool Hi-Lo	Purple	\$ 59
12x15.8	National's 100% Nylon Treebark	Champagne	\$159	12x14	Coronet's 100% Wool Hi-Lo	Lavender	\$ 89
8x13.9	Pride's 70% Nylon, 30% Wool Popcorn	Martini	\$ 49	15x18	Coronet's 100% Wool Plush Chenille	Lilac	\$179

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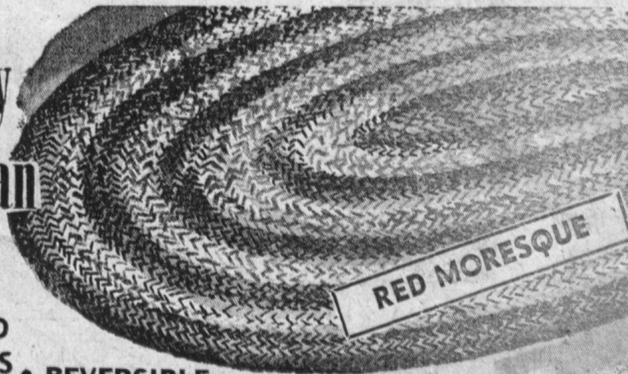
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