Page Eight

ROCKETEER

7:00 P.M. (Adventure) Action and intrigue in danger-

ous Hong Kong as island natives salvage

to racketeers. Jack helps the Tong de-

JANUARY 6

JANUARY 7

high explosives and refuse to surrender

"Cowboy's Holiday" (17 Min.)

-MATINEE-

(90 Min.) 1:00 P.M.

Shorts: "Dragalong Droopy" (7 Min.) "King of Carnival" No. 5 (13 Min.)

---EVENING---

"NAVAJO JOE" (89 Min.)

Burt Reynolds 7:00 P.M.

(Western) Indian survivor of a massacre by an outlaw gang trails them to a train

robbery and accepts a small town's offer to regain the loot. It's a rock 'em, sock

'em, brutal tale with dialogue suited to the broad-minded. (Adult.)

Shorts: "Napoleon Blown-Aparte" (7 Min.) "Pearls of the Pacific" (17 Min.)

"IT'S A BIKINI WORLD" (85 Min.)

of the "IN" group gets snubbed by a young lovely so he masquerades as a shy, milque

groups set oodles of pretty girls to doing

Bikini Bumps. Like WOW! (Adult, Mature

Shorts: "O Sea and Ships" (9 Min.)

'Swinging London'' (17 Min.

MONDAY JANUARY 8 THE CHINA LAKE CIVIC CONCERT ASSN.

"ROMEROS FAMILY, GUITARISTS"

TUESDAY-WEDNESDAY JANUARY 9-10

"HAWAII" (189 Min.)

Julie Andrews, Max Von Sydow

7:00 P.M.

of the eventful life of a missionary, and his wife, who bring modern Christian life to the island of Maui. Paganism, ruthless traders, love-starved sailors all fall under

the minister's wrath in this superb spec-tacular. Don't miss! (Adult, Mature Youth.)

THE GIRLS AND THE GENERAL"

(98 Min.) Virni Lisi, Rod Steiger 7:00 P.M.

(War Drama) An Army private enlists

the aid of a gorgeous peasant girl to assist him in taking a captured general to the Italian lines, and offers to split the reward

with her. The trio's trek makes exciting and

spicy film fare. (Adult.) Short: "Brothers Carry Mouse Off" (7 Min.)

Baby Girl Wins

Credit Union's

\$5 Cash Award

Rhonda Kay Davis, the 16-

month-old daughter of Mr. and

Mrs. Lee Davis, 56-A Decatur,

was the latest and youngest

winner of one of the two \$5

Union to members whose ac-

Credit Union newsletter.

JANUARY 11-12

THURSDAY-FRIDAY

(Adventure) Fresh from roadshow engage-tent comes James Michener's fabulous tale

8:00 P.N

toast type to appeal to her. Three mu

ommy Kirk, Deborah Walley 7:00 P.M.

edy/Music) A superb athlete, King

"LAUREL AND HARDY IN LAUGHING 20's"

Renowned 'Romeros' Family Guitarists College To Give **Tests Saturday** Present China Lake Concert Monday **To Enrollees** "TO KILL A DRAGON" (91 Min.) Jack Palance, Fernando Lamas

Romeros, guitarists, in concert at the NWC Theater on Monday evening, January 8, at 8:15

Since their New York debut in 1961, the gifted family of Romeros have won a leading place on the American concert scene. Playing both solo and in ensemble, the four Romeros have a repertoire of five centuries of classical and Flamenco music.

Celedonio Romero, the father, came to America in 1957 as one of Spain's great guitarists. He has been the only teacher for his three sons. Celedonio Romero's repertoire includes a wide range from 16th Century Spanish Baroque to Albeniz.

Three Sons-Three Artists Performing with Celedonio Romero are his three sons, Celin, Pepe and Angel. Celin concentrates on compositions of the 19th Century and his style of playing is romantic. He uses the guitar as an instrument of emotional persuasion and strives for subtlety and suggestion.

Pepe Romero, born in Spain as was Celin, came to know and love Flamenco music at an early age because the Romero house overlooked a gypsy encampment. At the age of six it was acknowledged that he played Flamenco better than any gypsy guitarist in Malaga, home of the Romeros.

Angel, the youngest, favors the Baroque era and therefore finds affinity with the works of Bach and Scarlatti. He is the only one of his family to have made his debut in the U.S., at the Lobero Theatre in Santa Barbara in 1960.

Laker's Guitar Featured

Of interest to local residents is the fact that Celedonio Ro-

The China Lake Civic Concert mero will play one of the num- las and San Antonio symphony Association will present The bers on a guitar made by R. orchestras, the Cleveland Orc-C. Valitchka, NWC employee. Mr. Valitchka of the Engineering Department, started making guitars as a hobby a bout seven years ago.

He delivered the guitar to the Romeros last week, and they have placed another order for Valitchka to fill. To any hobbyist this represents a "once - in - a - lifetime" thrill, when master artists accept his product!

The Romeros now perform over 80 concerts a season in North America. They were the first guitarists to play at Philharmonic Hall at Lincoln Center, and Angel Romero was the first classical guitarist to perform with the Hollywood Bowl ed as guest artists with the Dal- upon location in the theater.

hestra and the Honolulu Symphony. They also have recorded on the Mercury label. Network television appearances have included the Today Show, Tonight, and others.

The Board of Directors of the China Lake Civic Concert Association has announced that single tickets will be sold for the Romeros concert. The box office at the NWC Theatre will be open at the following times to enable persons to purchase tickets:

Friday, January 5, 11:30-1 p.m. and 4:30-6 p.m.

Monday, January 8, 11:30-1 p.m. and 7:30 p.m. to concert time at 8:15 p.m.

Prices for single admissions Symphony. They have appear- are \$3, \$4, and \$5 depending College office on the Bur-

Three college entrance classification and aptitude tests will be given Saturday morning, fend themselves-for a price. Showdown of January 6, from 8 to 12:30, to soldiers-of-fortune! (Adult.) Shorts: "Sugar and Spies" (7 Min.) all students who are enrolling for the first time at the Desert Division of Bakersfield Col-SATURDAY

The tests to be given are the English Classification Test, the School and College Ability Test and the Nelson - Denny Reading Test. All three are required of every entering student who intends to take any English course and every entering freshman who plans to pursue a program leading to a degree

Testing will be done at the

roughs High School campus.



stuffed golden eagle, a recent gift to the Maturango Museum, are some of the team that prepared the bird for display. From left are BHS students Larry Burton, Don

Wheeler, teacher Janet Gerhardt (also taxidermist and project leader), and student Janey McEwan. They also hold other birds mounted during spare hours. Golden eagle is protected by law for its value.

Big Golden Eagle Given to Museum

A large golden eagle is now on display at the Maturango Museum, thanks to the taxidermy efforts of Janet Gerhardt, a Burroughs High School teacher, assisted by five of her

The golden eagle was killed by a jeep in 1966 on G Range, and was kept in a freezer at the Fish and Game Department until last fall, due to restrictions making it illegal for

dents preserved and prepared the eagle for display last November. She is an accomptished taxidermist, and has prepared some 300 specimens so far, the eagle being the largest. She earned her B.A. degree at the University of Cali-1964, and teaches biology and general science at BHS. Miss Gerhardt first became interested in taxidermy as a junior biology major and museum employee at Santa Barbara,

Science joined the work crew.

ler, and sophomores Janey Mc-Ewan and Jim Brown. The golden eagle is fairly common to this area, Miss Gerhardt reports.

The golden eagle feeds on rabbits, ground squirrels and other small rodents as well as on snakes and sometimes smaller birds, and therefore is valuable as a predator. Many awards given away each month of its prey feed on the plants by the NWC Federal Credit that hold down wind and water erosion. For both reasons, the count number appears in the Federal Government has protected the bird by law.



be fulfilled.

phis, Tenn.

The new father entered the Navy in April 1965 and took his boot training at San Diego. During his 16 - week stay there he was also a member of the color guard.

While attending Greeley High School, Greeley, Colorado, Hubbard met his wife, the former Lana Edwards, also of Greeley. In fact, he and Lana lived across the street from each other.



an individual to possess the

Working during their free time, the students helped Miss Gerhardt prepare the eagle using styrofoam stuffing, wire, glass eyes and a borax preservative. Her fiancee, Bob Westbrooks, an employee of Aero The students in the project were senior Larry Burton; juniors Jon Barber and Don Whee-

Answer to Previous Puzzle **CROSSWORD PUZZLE** ACROSS 7-At no time 8-Sunburn 9-Hypothetical force 10-Substance 14-Part of face 16-Number 1-Indonesian tribesman 4-Unclose 8-Man's nickname 11-Sodium chloride 11. Sodium chloride 12. Evaluate 13. Arabian seaport 15. Golf club 17. Large truck 19. Preposition 20. Lamprey 21. Fondle 22. Dance step 23. Gull-like bird 25. Pronoun 26. European 27. Bitter vetch 28. Evergeen tree 18-Near 21-Punctuation marks 22-Vessel 23-Spread for drying 24-Before 25-Strike 26-Seed container 28-Gave food to 29-A state (abbr.) 21 Male cheer. 39-Church official 46-Flying mammal South America 41-Tibetan 47-Nahoor sheep 1-Male sheep 48-Man's name 28-Evergreen tree 29-Speck 32-Free of 49-Everybody's 33-Ship channel 30-Prefix: dow 31-Retreated 33-Proceed 35-Cushion 36-Lubricate 37-Pale 38-Juncture 40-Total 41-Opening in fence 42-High mountain 51-Negative 53-A continent 35-Soft food 37-Needed 38-Go by water deity 44-Latin for (abbr.) 43-Abstract being 44-Electrified particle 45-Cyprinoid fish 46-Evil 47-Declares 50-River in Siberia 52-Slave 54-Guido's high pote 55-Decay 56-District in Germany 57-Obscure DOWN 1-Snake 2-Greek letter 3-Changes 4-City in Russi? 5-Equality 6-Latin

For Use In Authorized Service Newspapers Only

GIFT OF PROUD WORK - Holding aloft a students.

bird. Miss Gerhardt and her stufornia at Santa Barbara in



Kristi M. Hubbard Arrives As First New-Born of 1968 Here

Mother Fine, Baby Healthy, Hubbard's **Perfectly Happy**

BY MILT SHEELY

Kristi Michelle Hubbard, 6 lb. 5 oz. ushered in the forthcoming 1968 parade of babies at the Center Hospital at 11:03 a.m., Monday, January 1, to make her parents, Mr. and Mrs. Jerry L. Hubbard of 1200-A S. Knox, the first parents of the year at China Lake.

Commenting on their first family addition, the Hubbards said, "We had no special preference as to our baby being a boy or girl. We're just happy Kristi is healthy, good looking and has lots of hair." Mrs. Hubbard was hoping the baby would have a crop of red hair, but it seems that wish may not

"We are grateful to Dr. (Lt.) Robert J. De Maio, who delivered Kristi and Nurse LCdr. Elta M. Brinlee and Corpsman HM3 Dallas Swire, who assisted," Hubbard added.

The 22-year-old Navy man is the son of Mr. and Mrs. B. O. Hubbard of Boulder, Colo.

Hubbard, an avionics electronics technician, is assigned to the Naval Air Facility. He and his wife came to China Lake in June 1966 following an assignment to Avionics Electronics School (ATA) in Mem-

Graduating from high school in June 1963, Hubbard later attending Colorado State College where he majored in Chemistry until March 1965 when he decided to enlist in the Navy because "he wanted to." A career man, he is scheduled to re-enlist in April.



- Kristi Michelle Hubbard, MISS 1968 wearing her New Year's hat, who weighed in at 6 lb. 5 oz. at 11:03 a.m. on Monday, January 1, at the Center Hospital is tenderly held by her mother Mrs. Jerry L. Hubbard while Nurse LCdr. Elta M. Brinlee ad-

mires the first addition to the Hubbard family. Dr. (Lt.) Robert J. De Maio delivered Kristi and Nurse Brinlee assisted him, Kristi's father, ATN2 Jerry L. Hubbard, an avionics electronics technician, is assigned to the Naval Air Facility.

Training Course Views Contracts

The first of eight January sessions of a training course in "Elements of Government Contract Administration" will begin this evening at 7:30 in the

The introductory course in the law, procedures and administration of government con-





LT. COL. RICHARD S. CLARK

Dr. Richard Clark Is Now Civilian, **Begins Research**

Lt. Col. R. S. Clark, Army Liaison Officer at China Lake for the past five years, will start 1968 in a new mold civilian — and a new job — as a member of the Code 50 Earth and Planetary Sciences Division under Dr. Pierre St. Amand.

Richard Clark, a Wyoming native, dropped the Lt. Col. from his name December 31, when he retired from the Army with over 27 years of service. He is now Dr. Clark, with a Ph.D. in chemistry he received at Purdue University in 1959, while in an Army graduate school program.

He will be working with Dr. St. Amand on a contract basis to make a study of the possible scientific relationships of the Earth and Planetary Sciences Division to other related activities, and to make recommendations for their use in areas of Division studies.

Dr. Clark's recent post here with the Army will be filled by Capt. James L. Stanford, a research chemist with Code 50. until a replacement arrives.

Dr. Clark noted that his new job with Code 502 is a result of the growing research activities of the Division. He said that as Army Liaison Officer here, "I was concerned with quite a bit of (the Division's) studies, since two of the four Army officers under me worked there - Capt. James Cobb and Capt. Walter Godwin.

"Whoever is the next Army Liaison Officer will need to acquire a feel for the work done at the Earth and Planetary Sci ences Division," said Dr. Clark.

Behind Dr. Clark in his new endeavor are his wife Mary Ellen and daughter, Deborah, 16, a Burroughs High School junior, recently chosen editor of the school newspaper, the "Blockbuster" for the 1968-69 academic year. His son Mike, 21, is a junior at the University of Wyoming, and son Rich-ard, 24, is an Army captain in Washington, D.C.

New Space Heaters In Wherry Housing

A contract has been awarded to replace wall heaters in the Wherry Housing area. Addressees will be notified in advance as to date installation is to be performed at their quarters.

Corona Laboratories Receives Award from Secretary of Navy

Paul H. Nitze, Secretary of the Navy, recently awarded the Naval Weapons Center Corona Laboratories a certificate for Achievement in Safety for 1966.

This presentation marks the eighth occasion on which the Training Center building. Corona Laboratories has received an annual recognition for having an outstanding safety program.

Of a total of about 200 activities in the Naval Air Systems Command, the Corona Laboratories was one of four selected to tracts is designed for contracts receive this coveted honor.

Page Two

CHAPLAIN'S MESSAGE

PROMOTIONAL

OPPORTUNITIES

Present Center employees are en-couraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58.

Do You Qualify?

Recruitment of qualified personnel to fill the ever-increasing number of vacancies in police ranks has become a major problem for city, county, state and federal law enforcement agencies.

The Department of defense, at the request of the President, has announced a program in which the services will assist civilian police agencies in bringing their forces up to



Under Department of the Army direction, the new program has developed into a two-prong effort by the Department of Defense and civilian officials to interest those military personnel with less than six months to serve in law enforcement careers. Begun less than a month ago, the program allows both direct person-toperson on-base and indirect off-base recruitment of military personnel within the 50 states by legally constituted law enforcement agencies.

The program excludes from these recruiting efforts any representatives of private or corporate police organizations, and positions filled by public election or political appointment.

On-base recruitment includes direct contact during duty hours by appropriate police officials, while off-base recruitment (generally instituted by the serviceman himself) may include the required physical examinations, tests administered by military education personnel, and the reasonable availability of the serviceman for off-base interviews.

Should a serviceman accept a firm written contract for employment with a legally constituted law enforcement agency, the program calls for an early release for those with less than 90 days to serve on their military enlistment contract and release from the military at least 10 days prior to the effective date of employment with a public police department. (AFPS)



at Naval Weapons Center Corona Laboratories has established a snack bar in Building 209 for the convenience of personnel in 204, 209, 210, and FMSAEG. Wrapped sandwiches, packaged snacks, candy bars, pie, doughnuts, etc., are available. Here coffee is dispensed with a smile by Helen Rodriguez to Donna Van Ness of Code 13, and Dave Marquez, Code 134, in the new cafeteria branch.

experience in work which serves to demon- partment's Ground Ranges

Product Design Division of the Engineering Department. The Branch has the responsi-bility for design, design evaluation, component redesign, production evaluation, and contractor and other Government Agency assistance and evaluation in the areas of

455068 Aml, Code 5523 - Incumbent is involved in the major functions of this Section in the Production Engineering Branch, Electromechanical Division, Engineering Department, which include production evaluation, design evaluation, component redesign, and assistance to contractors and other Government agencies engaged in the manu-facture and rehabilitation of air launched the Chief of Police. The work week is 48 weapon guidance systems.

Estep, Bldg. 34, Rm. 34, Phone 71514. Test Mechanic (Experimental Ordnance 4:30 p.m. Equipment), JD No. 5-4, Code 3072 - As-

nance equipment used in the experimental testing of rockets, guided missiles, projec- conducts complete investigations of violatiles and high explosive items. Civil, Mechanical or General Engineer, GS-9 or GS-11, Code 3023-Incumbent's du-groms of the Division. Qualifications: On the General Engineer, GS-801-14, PD No. 755-11, Code 5500 - The incumbent is the gineering design of and liaison with off-Cen. half years' specialized experience including

ter contractors and Public Works forces six months of supervisory experience. for the fabrication, erection, or construction of the services, equipment, and facilities ole Cadle, Bldg. 34, Rm. 28, Phone 71648.

is in the Manual Section, Editorial Branch Publishing Division, Technical Information Department. The incumbent is expected to know the U.S. Navy system of manuals, handbooks, ordnance pamphlets, etc. and the specifics pertinent to producing them. assistance and evaluation in the areas of airborne telemetry and related test and and is responsible for its output and its calibration equipment. File applications with Loretta Estep, Rm. File applications with Loretta Estep, Rm. 34, Bldg. 34, Phone 71514. Electronics Technician, GS-856-9, PD No. 455068 Aml Code 5523 - Incumbent is in good technical background is desirable. Degree preferred.

Code 843 - This position is in the Police Division, Security Department. The duties consist of typing, filing, receptionist and File application for above with Loretta hours of overtime. The 48 hours are broken down into six, eight-hour days, 7:30 a.m. to

sembles, disassembles, modifies, adjusts, re-pairs, services and operates specialized ard-lice Division, Security Department. The incumbent's major duties consist of: Plans and tions and reported violations. Assists in

INTEGRITY

CHAPLAIN PAUL A. BOERTJE, USNR

There appear to be obvious signs around us that frequently people cannot trust people. There appears to be lurking beneath the surface of human activity and life that which makes us apprehensive of another's integrity or honesty. At least we have certain evidences of the same.

During a recent tour of temporary duty they brought into the office I occupied a lock, diminutive in size, which was to be placed in the first digit of the space on the dial of the office telephone. Before securing the office this key was securely locked in another drawer. Later the building itself was secured for the night. Does this not indicate that we set up many safeguards to insure that others will be honest, whether they want to be or not? We are encouraged to lock our cars or at least remove the keys to prevent possible theft. Many of us lock our homes while away on a week-end or vacation.

But sometimes we don't even seem to trust respectable people. Perhaps that is why a certain firm in New York spends over two million dollars a year helping other businesses locate their white collar criminals. Perhaps that is why auditors have to constantly be checking the bookkeeping practices of respectable bookkeepers. Perhaps that is why police take one into custody, and temporarily ground a flight, when some character jokes about a bomb or stick of dynamite in his luggage. People sometimes simply cannot trust one another.

Perhaps the Biblical evaluation of man, and now and then our own practical observations and experiences become very similar, namely, that "the heart of man is deceitful above all things, and it is exceedingly corrupt: who can know it?" Yes, who can know it? It is altogether certain that God can! And perhaps that should lead us to pray, frequently and fervently

"Create in me a clean heart, O God; and renew a right spirit within me." Only He can accomplish that. And then our solemn and sacred duty is to heed the advice of the proverb: "Keep thy heart with all diligence; for out of it are the issues of life." Also our integrity!



TAKES ANOTHER SIX - AM-2 Jack Williams, Jr., prepares to take the oath of re-enlistment for six more Navy years from Capt. W. B. Muncie, VX-5 Commanding Officer. AM-2 Williams, of West Edmonds, Washington, reported to VX-5 last January, and works in Airframes Division.

The Rocketeer Official Weekly Publication U.S. Naval Weapons Center China Lake, California

Capt. M. R. Etheridge, USN NWC Commande "J." Bibby Public Affairs Officer Joan Raber News Bureau

Frederick L. Richards Editor

Staff Writers Milt Sheely John R. McCabe Ed Ranck, Sports

Staff Photographers PHI Jerry Williams, PHI Gary D. Bird, PH2 Philip H. Beard, AN Kenneth Stephens.

DEADLINES: News Stories......Tuesday, 4:30 p.m. Photographs......Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen. Phones

DIVINE SERVICES Christian Science (Chapel Annex)-

Morning Service-10 a.m. Sunday School-10 a.m. Protestant-(All Faith Chapel)-Morning Worship-8:15 and 11 a.m. Sunday School-9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) lo-

cated opposite Center Restaurant. Roman Catholic (All Faith Chapel)-Holy Mass-7, 9:30 a.m., and 12:30 p.m. Sunday.

Daily Mass-11:30 a.m. in Blessed Socrament Chapel. Saturday, 8:30 a.m. Confessions-7 to 8:00 p.m. Saturday.

NWC Jewish Services (East Wing All Faith Chapel)-8 p.m. every first and third

Sabbath School-10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship - (Chapel Annex, 95 King Ave.)-Sunday, 7:30 p.m.



Supply Clerk (Typing), G5-2040-4, C o d e 3502, PD No. 25789-1 — Types shipping re-ports, order stubs and necessary monthly ts; keeps records of materials ordered job order numbers; handles all inquiries about the status of orders and procedural information for making orders. Re ceives routine orders, prepares stubs and File application for above with Mary Morrison, Bldg. 34, Rm. 32, Phone 72032.

Electronic Technician, GS-5, 7, Code 4021 - This position is that of Electronics Tech-nician responsible for the operation of microwave instrumentation in the VHF Cham located in the R.F. Measurement Branch, Anti - Radiation Guidance Division, Weapons Development Department. The primary function of this facility is the mean ent, recording, and evaluation of elec tro-magnetic parameters of antennas and R. F. Systems associated with these antennas. File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.

Helper, Office Machine Repairman, WB-05, Code 25984 - Incumbent will receive training in the repair and maintenance of all types of office machines. Applicants must pass the helpers test to qualify. File applications for the above with Vicki Mead, Bldg. 34, Rm. 28, Phone 72218.

Writer/Editor, GS-7 or 9, Code 003 Responsible for gathering data on which to prepare news and/or feature stories for publication in the NWC Rocketeer. Write is required to prepare news/feature ac-counts of NWC activities in accepted journ-

alistic style for use by American news media; to copyread his typewritten material so as to provide a product free of errors factual or mechanical - to the printer or typist. Additionally, he is required to prepare appropriate headlines for news stories as directed by the Editor. The incumbent must be experienced in news gathering and reporting techniques. He must also possess journeyman skills in copyreading, headline writing, layout and makeup for a printed

Number of the second se the Center programs, policies, missions, facilities and key management and Depart-ment officials. He must have successfully demonstrated his competence as a budget analyst in dealing with the more difficult departments and programs. Intimate knowl-edge of Center financial procedures and policies is required. Ability to communicate effectively in oral and written media is re-quired. All explicitly the set of the quired. All applicants must have had six years of extensive and significant adminis-trative experience which has provided a thorough knowledge of methods of supervi

Travel Clerk, GS-2 or 3, Code 8517 -Arranging travel by a variety of routes and carriers; arranging airline travel between China Lake and Pasadena, and miscellaneous duties.

Clerk (Steno), GS-3 or 4, Code 1781 This position is located in the Operations Staff of Management Data Processing Staff. Clerical support to the Operations Staff Head. Incumbent must be a qualified typist and take dictation.

File application for above with Sue Prasol-owicz, Rm. 26, Bldg. 34, Phone 71577. Secretary (Typing), GS-318-5, PD No. 655-068, Code 5560 — This position is Secretary

to the Head, Fleet Engineering Division, Engineering Department, Receives all tale. phone and personal callers; receives and reads all incoming Division correspondence, eports and instructions; receives requests for statistical or informational material concerning Division programs; reviews all outgoing correspondence; sets up and main-tains division files; and performs miscellaneous administrative duties. The incumbent 34, Bldg. 34, Phone 71514. must be a qualified typist; possess techn cal secretarial experience and have the ability to comprehend the technical terminology of the Division's assigned programs.

Mechanical Engineer. GS-801-11 or 12, PD No. 555061-1, Code 5524 - The position is that of Project Engineer in the Electrome-chanical Division, Engineering Department. The incumbent is responsible for the de-sign and/or production engineering redesign, test, documentation, and evaluation of echanical components and/or assemblies which improve the producibility, ease of usage, conservation of essential materials, and improves the performance and the reliabil-ity of miniature inertial systems of advanced guided missiles. The incumbent must have a Bachelor of Science degree in Mechanical Engineering and a minimum of hree years experience in the design and development of inertial systems for guided

111, Code 5500 - The incumbent is the Center's Senior Value Engineer. He is responsible for the planning, installation, and tration of the Center's Value Engi-

neer effort. A Bachelor's degree in Engin-eering and at least six years' progressive ducted on the Systems. Development Deis required. File applications with Fawn Haycock, Rm. 34, Bldg. 34, Phone 71514. is required. Electronic Engineer (Instrumentation), GS-855-13, PD No. 655015, Code 5533 - The GS-855-13, PD No. 655015, Code 5533 - The Branch

> Clerk-Typist, GS-322-03, (One vacancy), hours - 40 hours of straight time and eight

Police Supervisor, GS-083-10, (One vacan-

ord.

contention

or sent a card Football, as usual, dominated the national sports scene during the holiday period. But basketball fans who were willing to stay up late enough to see the Channel 5 replays of the LA Classic found out that the UCLA Bruins are not only the number one college basketball team in the country, but perhaps the best college team in history.

The Bruins, of course, won all their tournament games easily, running their victory string to 45. We had an opportunity to observe the San Francisco Dons 15 years ago during the time that the Dons were in the process of setting the existing college record of 60 in a row. The Bruins should break that record easily, but even if they don't, they seem to have a better ball club than the Dons had when they were on top.

There are similarities between the two clubs. The Dons had Bill Russell, then the big man in college ball; the Bruins have Lew Alcindor. The Dons had K. C. Jones, a good shooter and a fine defensive guard; the Bruins have a man of similar talents in Mike Warren. The Dons played a slow defensive game and intimidated the opposition with Russell. The Bruins play defense and intimidate the other team with Alcindor.

Watching the Green Bay Packers beat the Dallas Cowboys in the National Football League championship game, you had to be reminded of the way the New York Yankees used to do it when they were at the top of the heap in baseball. Considering the adverse weather conditions under which the game was played, and the fact that the Cowboys had the momentum at the time, Green Bay's final drive for the winning touchdown has to rank as one of the great clutch performances of the year. Just as the Yanks once were. Green Bay is not the money ball club in professional sports. Should the Packers beat Oakland in the Super Bowl you can figure that the last yard that Bart Starr gained for the winning touchdown was worth about \$425 an inch for every man on the Green Bay squad. Under the same conditions and with that kind of money at stake, it's unlikely that any other pro team would have had the confidence to gamble it all, rather than go for a sure tie.



Friday, January 5, 1968

THE LOCKER ROOM

During the Holidays



With the holiday season over, the sports schedule at China Lake will resume again next week. All bowling leagues will be back in action, and the China Lake Basketball League will enter the second half of the season. At the present time the Loewen's Falcons are leading the basketball league with a 6-0 rec-

FALCON CLUB

The Falcons, of course, are the same ball club that has performed as the Aero Science Falcons during the past two seasons. Although the franchise has been transferred nearly 50 yards down China Lake Boulevard, the move hasn't affected the team's play. The Falcons are rolling once again this year, with the NAF Hawks as usual, being the only other team in serious

We are happy to report that Les Fairell, the old umpire and one of China Lake's most well known sports figures during the past 20 years or so, is on the way to recovery after a recent illness. Les has been up and around for the past few weeks. looks well, and has managed to play a little golf during his recuperation period. He asked us to pass on his thanks to all his friends who either visited him during his stay in the hospital,

SIMILARITIES

The reason that the Bruins seem to have a better club is the fact that the UCLA supporting cast is so much better. UCLA has five starters, each of whom could conceivably receive some All-American recognition and a second team that is almost as good. The Bruins average about 90 points a game, and with their defensive skill, they should be able to keep winning as long as Alcindor is around.

ROCKETEER

Gary Ellwanger Named December Athlete of Month



AIRMAN Gary Ellwanger of VX-5 has been named China Lake's Athlete of the Month for December. Ellwanger won the award for his participation on VX-5's championship flag football team this fall. As a defensive halfback and offensive end, Ellwanger was one of the key men on the Vampires championship club. He is a native of Pierre, South Dakota, and attended Riggs High School in that city prior to entering the Navy. While in high school, he participated on the football, basketball and track teams. Ellwanger is currently playing basketball with the VX-5 Rebels of the China Lake Basketball League. Although he is not extremely tall, he is currently the number two man in scoring in the league, averaging better than 15 points per game.

Loewen's Falcons Win Three Games, **Move Into First Place Possession**

The Loewen's Falcons won Five men hit double figures undisputed possession of first place as the first half of the way as the Falcons defeated 58-52. Melia scored all 16 of his points in the first half as the Falcons jumped to a 29-22 halftime lead.

With Mike Barnes providing most of the NAF offense in the second half, the Hawks came close several times in the late stages but were unable to catch up. Melia and Barnes shared scoring honors for the night with 16 points each, Francis had 13 for the Falcons and Gary Peeples had 12 for NAF.

Bruce Fagaly and Clayton Carr led a late charge as the Falcons came from behind to defeat the Genge Chaparrals, 68-56. Loewen's jumped off to a 23-11 first period lead, but were held scoreless in the second period as Genge went ahead 31-23 at halftime. Genge led by eight in the fourth period before key baskets by Fagaly, Carr and Francis tied the score shortly before time ran out. In the overtime, the Falcons outscored the Chaparrals 13-1 to win easily. Francis led all scorers with 24 points while John Martin was high for Genge with 18.

The Falcons built a big early lead then coasted to an 83-18 win over the Special Services Spoilers. Using their second team much of the way the Falcons opened up a 46-8 halftime lead, increased it to 68-12 after three periods then added 15 more points in the final period to win easily. Fagaly led all scorers with 19 points, Francis had 11 and Bill Allen had 10 for the Falcons.

three games and moved into as the NAF Hawks defeated the Spoilers, 89-27. Gary Weber led the way with 14 points, Don China Lake Basketball League Williams had 13, Larry Brown schedule came to a close. Ron and Gary Peeples had 12 each Melia and Leo Francis led the and Mike Barnes hit 10 as the Hawks rolled up the highest the second place NAF Hawks point total in the League this season. Gary Johnsen was high for the Spoilers with 10 points.

The Hawks won their fourth game of the season as they rolled over the VX-5 Rebels, 79-39. NAF built a 25 point advantage at halftime, then coasted home with Weber, Peebles, Denny McGraw and Mike Tosti leading the way. VX-5's Gary Ellwanger was high point man for the night with 17.

Duane Blue and Bob Berry led a 25 point second period uprising as the Genge Chaparrals broke open a tight ball game, then went on to hand the Spoilers a 73-49 defeat. The Chaparrals broke a 16-16 deadlock early in the second period, then outscored Special Services 25-7 to take a 43-23 halftime lead. Berry led the scoring with 19 points while Blue had 17. Ray Dean and Dink Patterson each had 14 for the Spoilers.

Berry and Blue led a fourth period rally as the Chaparrals defeated the VX-5 Vampires 52-25. Genge edged to a 29-20 lead at the start of the fourth period as both teams had trouble finding the range. Blue had six points and Berry had five as the Chaparrals scored 23 points in the final period to win going away.

Charlie Klotz hit 27 points. 14 in the final period, as the NWC Tigers defeated the Rebels, 62-54. Gary Ellwanger was high for VX-5 with 21 points. Bob Rebling hit for 22 points as the VX-5 Vampires picked up their first win of the year, defeating the Special Services Spoilers, 60-42.

Whiteside Rolls 681 Series, Leads **Desert Handicap League Keglers**

Steve Stephenson and Jim Cooke each had 246 and Craig Rae rolled 244 to pace the Midway League. High series included Whiteside 616 and Maury Coleman and Fred Dalpiaz each with 615.

In the Junior Mixed League, Danny Fuller led the way once again, hitting a 243 game and finishing with a 566 series. Alton Cutsinger rolled 203-200, then fell off to a 116 game, but still finished with a fine 519. Patty Dalpiaz led the girls with a 481.

In the Premier League, Viviane Woodard Cosmetics opened up an eight game lead as the league reached the halfway point. Bob Lockwood rolled high series with 611 while

Ben Whiteside rolled a 681 series in the Desert Handicap League to lead all bowlers at the China Lake Bowl as most leagues completed the first half of the season's schedule. Whiteside put together games of 223-223-235 enroute to the week's high series. Jim Rickhoff rolled 242-633, the 242 being the league's high single game. Don Padgett was next with 226-189-205 for a 620 total

Jim Peck had high game with 233. Other highlights included Ray Freascher 610, Chuck Cutsinger 608 and Earl Roby 600.

Charlotte DeMarco rolled a 215-214 enroute to a 571 series to lead the Women's Monday Night Scratch League. Erma Erickson had high game with 225 and finished with a 523 se ries. Other 500 series included Maggie Branson 512, Val Strommen 515 and Ruth Hinson 503.

Medical Arts held first place for the 13th straight week as the China Lake Women's Handicap League ended the first half of the season. Cora Ball rolled high game and series with 235-538 and Jeanne Krausman had second high series with 202-517. Other top scores included Betty Kirwin 509; Aline Schad 207 and Marie Peck 201. Wanda Magers led the Thursday afternoon Trio with 190-537 and Myrtle Snyder had high single with 191.

Premier League	Stand	ings
	W	L
Woodard Cosmetics	\$ 30	15
Starlite	22	23
Foremost	211/2	231/
Boyd's Auto Parts	21	24
Tom's Place	21	24
Mercury Movers	191/2	254

Basketball Scoreboard

w	- 1
6	0
4	1
2	2
2	3
2	3
1	4
1	5
	W 6 4 2 2 2 1 1

	Pts.	Avg.
FRANCIS, Loewen's	93	15.5
ELLWANGER, VX-5 Rebels	81	16.2
FAGALY, Loewen's	62	10.4
KLOTZ, NWC	57	19.0
MELIA, Loewen's	55	9.5
ALLEN, Loewen's	55	9.2
BERRY, Genge	55	13.8

Next Week's Schedule Jan. 9-NWC vs. Genge; VX-5 Vampire vs. Loewen's. Jan. 10-Genge vs. VX-5 Rebels; NWC vs.

Special Services Jan. 11-VX-5 Vampires vs. NAF; NWC vs. Loewen's.

Australia Rest Area Opened For Viet Servicemen

U.S. servicemen in Vietnam may now select Sydney, Australia, as one of 10 sites for rest and recuperation (R&R), according to Department of Defense officials. The trips went into effect in early October. Other R&R sites now being used include Hawaii, Hong Kong, Tokyo, Bangkok, Singapore, Manila, Taipei. Quala Lumpur and Benang, Malaya.

Page Seven



Page Six

Navy Commendation Medal Awarded Lt. Lee Thornburgh, VX-5 Officer

Lieutenant Lee Thornburgh, Thornburgh's professionalism assigned to VX-5 at the Naval and loyal devotion to duty re-Weapons Center, was recently flect great credit upon himself presented the Navy Commen- and were in keeping with the dation Medal by Captain W. B. Muncie, Commanding Officer ed States Naval Service." during formal awards ceremonies.

The citation accompanying the award reads: "For meritorious achievement while serving as a member of a special COM-NAVAIRPAC Technical Assistance Team temporarily attached to USS Bon Homme Richard (CVA-31) from February 12 to March 13, 1967 during combat operations against the ene-

"Lieutenant Thornburgh's professional performance, initiative, and technical expertise resulted in a significant contribution to the Seventh Fleet's combat capabilities. He was personally responsible for detecting and correcting aircraft system discrepancies which would have precluded successful performance during combat introduction of a new and complex weapon.

"In addition, by working extremely long and ardous hours, he provided outstanding training concerning all aspects of the weapon to CVA and Air Wing personnel. Lieutenant

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

Fiction

Ambler-Dirty Story. Carroll-The Light Here Kindled. Healey-The Terrible Pic-

tures. Miller-Tenants of the House. O'Hara-The Instrument. Young-Why Did They Kill

Charley? **Non-Fiction** Day-The Spice Cookbook.

Gardner-New Mathematical **Diversions From Scientific** American.

Kane-Nicknames of Cities and States of the U.S.

- Kraditor-The Ideas of the Woman Suffrage Move-
- ments, 1890-1920. Lord-Incredible Victory.

Magill-Magill's Quotations in Context.

Massie-Nicholas and Alexandra.

Sullivan-The Complete Book of Family Skiing.

Arco-Clerk-steno-

transcriber.

Congressional Pictorial Directory, 1967.

Fall-Hell in a Very Small Place. Freud-Thomas Woodrow

Wilson.

Freund-Myths of Creation. Roberts-Russia Today.

Royal Canadian Air Force -

Exercise Plans for Physical Fitness.

Assessment Waived

No assessments will be levied due to the death of GEBA-CLMAS member, Maurice L. Rampy, a retired employee of Public Works Plumbing Shop, who succumbed December 24, at Mercy Hospital, Bakersfield, Calif., announced Secretary-Treasurer Joseph Ms Becker.

highest traditions of the Unit-



Lieutenant Thornburgh is married to the former Brona-

line Brown of Pleasantville, Iowa. The Thornburgh's have two daughters, Kimberly, 14 and Tria, 9.



is a new nurse anesthetist at the Center Hospital. She reported to NWC from duty at Keflavik, Iceland, her 10th station since she joined the Navy in 1944. The native Oklahoman took her nurse's training at St. Luke's Hospital School of Nursing and its School of Anesthesia in Denver. She now calls Long Beach her home town.

Emergency Number In New Phone Book

Needs To Be Changed

. China Lakers are urged to phone directory.

The "Fire and Medical Emergency" number for Desert Lloyd Brubaker, at 725044. Park and the South Capeharts should be changed from "RIDG 375-5433," which is incorrect, to the correct number "RIDG 375-4333." The listing is on the inside front cover, page ii.

Corona Laboratories **Three Scientists Return from Five Day England Tour**

Recently returned from a five days' work tour in England are Richard D. Anderson and Allen W. Cook, Systems Study Branch, Advanced Systems Division, and Gary L. Shawler, Systems Analysis Division, Fuze Department, Corona Laborator-

The three scientists were part of an exchange program sponsored by the Tri - Partite Technical Coordination Panel in which Britain, Canada, and the United States participate. The purpose of this program is to exchange research information and review current status of research programs in order to avoid duplication of effort on the parts of the participating governments.

During the history of the Tri-Partite Program, information exchanges on the working level between scientists of these countries have been mutually useful.

In England, Anderson, Head of Systems Study Branch, engaged in discussions of missile systems and components developments, while Shawler, Head of Fuze Analysis Branch II, and Cook, Mathematician, studied British weapon analysis techniques. Working sessions were held at various government and industrial establishments in London and its surroundings.

According to Anderson, the tour resulted in a fruitful exchange of ideas that should benefit both the United Kingdom and the United States.

College Offers Desert Natural History Course

Students interested in learnof California, Santa Barbara extension division

The course, taught by Lloyd Brubaker, with emphasis on geology of the desert, will begin with an orientation meeting on sewer repair. Friday, January 12, at 7 p.m., sequent classes will be sched-

Nearly all of the classes will meet as field trips in the Death Valley region with several week-end trips to visit less accessable areas. Along with instruction in the geology of the area, instruction is also given in camping and "desert boon - docking" including wilderness conservation and exploring safety.

Families of class members make an important correction are welcome on the field trips in the newly distributed Center thus encouraging family participation in desert enjoyment. For additional information call

> During the month of January, Operation M.O.U.S.E. will give Naval Weapons Center MKC members a special bonus ic Key Ticket Book.

Friday, January 5, 1968



HONORED FOR OVERSEAS SERVICE - Honored for volunteer duty in Viet Nam, Jack Jeffers (center) of Public Works Contract Division, receives Civilian Overseas Award from Public Works Officer Captain K. C. Abplanalp (left). Assistant Resident Officer in Charge of Construction. Lt.(jg) R. D. Linder (right) participated in the brief ceremony.



OVERSEAS SERVICE AWARD — Distinguished service in Viet Nam won Fred Deham, (center) a letter of appreciation and a Civilian Overseas Service Award for his time at the war front. Public Works Officer Captain K. C. Abplanalp (left) presents the award while I. I. Shull, Engineering Division Head (right) adds his congratulations.

Public Works Reveals Plans For Maintenance, Repair of Quarters

Details of extensive plans An additional contract for ing about local desert natural for maintenance and repair of history are invited to enroll in living quarters at Naval Weap- in Wherry housing will include the winter quarter course be- ons Center this year were re- an estimated 412 units at a ing offered by the University vealed recently by the Public Works Department. Included in planned contracts is r e g u l a r replacement of kitchen ranges, refrigerators and hot water will be able to contract for adheaters as well as roofing and

Based on age and usage, 457 Murray School, Room 17 at kitchen ranges will be replac-China Lake. The first lecture ed with new ones for NWC is Saturday, January 13, at 9 housewives during 1968. These a.m. at the same location. Sub- are slated to go into 150 Desert Park (Wherry) houses, 170 have to go into the next fiscal uled by the members at the old duplexes, 106 old a part- year budget. ments and 31 new Normacs.

> A total of 282 new refrigerators will replace old ones in 100 Hawthorne units, 106 old apartments and 76 Normacs.

Combined cost of the new ranges and refrigerators is \$74,500.

More planned replacements call for 450 wall heaters to be installed in Wherry residences. Cost of this project amounts to \$30,000.

A few hot water heaters are scheduled for replacement in Card Street apartments and married officers' quarters.

Replacement of sewer laterals has already been accomplished in some housing areas. quested they fill in cards they Complete plans for this maint- will receive to authorize workenance work extend to 778 liv- men to enter residences ing units. Included in this promptly so replacement with the purchase of each Mag- \$109,000 contract are duplex- schedules can move along es, Normacs and Le Tourneaus. without delay.

replacement of sewer laterals cost of \$125,000.

Assistant Public Works Officer LCdr. J. J. Farbarik said his Department is hopeful it ditional maintenance work in exterior stucco repair for about 300 Wherry units plus exterior trim paint for 600 Wherry residences. He explained that with rising costs and a tight budget, paint and stucco repair might

Contract work for replacing appliances and structural repairs and maintenance is advertised and awarded on a competitive basis through the Naval Facilities Engineering Command at the 11th Naval District Headquarters in San Diego. Public Works Officer Captain K. C. Abplanalp is also Officer in Charge of Construction at China Lake to insure contractors meet all specifications and government requirements.

LCdr. Farbarik said tenants who are slated to receive replacement appliances will be notified in advance and re-

NWC Instruction 5560.2. The Center Traffic Court is the means by which administrative action is taken against violators of Center motor vehiresentative to conduct the Traffic Court.

The Traffic Court meets weekly on Tuesdays at 5 p.m., Room B, in the Community Center. Persons who receive a citation must appear at the next Traffic Court session following the issuing of their citation. Persons unable to appear on the appointed day may request and be granted a postponement of one week by the Vehicle Control Branch (Code 8435). Requests for further postponement due to unusual circumstances must be made to and granted by the presiding officer of the Traffic Court.

TRAFFIC POINT GUIDE

Driving u Owner kn comp Manslaug Intentiona jury v Using auto Operating

Grossly Failure to Failure t or I Knowingh



Credit Union's

Page Three

Traffic Point System, A Means Of Protection for Center's Community

cently revised.

mission to operate motor vehicles on the Center depends upand regulations contained in

All commands within the 11th Naval District (and this includes NWC) are directed to use the basic traffic point system which provides points be assessed against the driving records of persons adjudged responsible for specific traffic violations by the presiding ofwill use the traffic point guide ence) as an aid in maintaining uniformity of penalties conso-Center's mission.

Naval Weapons Center mili- The presiding officer, in retary and civilian vehicle oper- sorting to a point assessment, ators are encouraged to become must also be consonant of the familiar with the Center's Mo- fact that no two violations are tor Vehicle Regulations, re- in fact identical even though they appear to be. The culpa-It is the policy of the Naval bility involved or lack thereof Weapons Center to protect the in each violation is derived property of the United States from many factors or the aband the welfare of the citizens sence of factors such as traffic of China Lake. Therefore, per- and weather conditions, t i m e and place of occurrence, past driving record of the person on compliance with the rules cited, etc. These factors shall be considered in his findings and assessment of points.

The point system applies to military and civilian personnel operating Government vehicles on or off the Center; to milicle regulations. The NWC Le- tary personnel operating privgal Officer (Code 112) is desig- ately owned vehicles on or off nated as the Commander's rep- the Center; and to dependents, civilian employees, and contractors operating privately owned vehicles on the Center.

The traffic point system also provides that when an individual has accumulated six points, he shall be warned by the Traffic Court that his operating privileges on the Center are in jeopardy and that when an individual has accumulated 12 points, his operating privileges on the Center shall be revoked for six months.

Points assessed against an individual will remain in effect for a two - year period or for military personnel until reenlistment, whichever comes sooner.

If an individual is apprehended operating a vehicle on the Center while under revocation of operating privileges, his privileges shall be permanently revoked.

Upon transfer of military personnel, the Driver Record shall be forwarded to the new ficer of the Traffic Court. He command. Driver records for civilian employees may be (listed below for easy refer- transferred when applicable. The Traffic Point Guide with possible points assessable ar e nant with the total motor vehi- included below and may be cle safety program and the clipped from the page for your convenience.

Annual Meeting Set on Tuesday The NWC Federal Credit Union will hold its annual meet-

ing on Tuesday, January 16, at the Community Center. The meeting will be called to order at 8 p.m.

This annual meeting is the occasion at which the Board of Directors and committee members report to the membership on the operations of the credit union. All members are urged to attend this all-important annual membership meeting.

Among the items on the agenda will be election of officers to the Board, as well as members to the various committees.

There will also be a drawing for a door prize.

Training Course Views Contracts

(Continued from Page 1) and technical people, and is presented by the University of California Extension. Martin L. Glass, Assistant Regional Counsel for the 11th Naval District, is the instructor. He has taught government contracts at UCLA, USC, UC Santa Barbara and the U.S. Army Logistics Management Center.

The course will be held on Friday evenings and all day Saturdays for four consecutive weekends, starting tonight. The fee is \$50. This course is required to gain the professional designation in government contract management offered by the UC Extension.

Further information is available from the Employee Development Division at Ext. 71759.

Corona Employees Receive Awards For Inventions

Naval Weapons Center Corona Laboratories has added six more names to the list who recently received invention awards for their work.

They include Frederick C. Aplres, head of the Missile Systems Department who is credited with three inventions from the U.S. Patent Office which relate to his research work in tronics

The others are: David F. Scheets, and Kenneth A. Lawlor, both of the Systems Group; Erwin I. Abadie, Dewey A. Roos, and Alvin E. Henderson, all from the Fuze Department. The largest monetary award went to collaborators Roos, Ab-

adie, and Lawlor who shared \$500 for a "Pulse Generating Circuit."

Blue Cross Ins. Agent To Visit Center Wed.

Norman R. Smith, Blue Cross - Blue Shield (Service Benefit Plan) representative from Bakersfield, will be aboard the Center on Wednesday, January 10, at the Community Center from 9 a.m. to 4 p.m. according to T. J. Haycock, Head, Employee-Management Relations.



PRE-CHRISTMAS PROMOTION - Captain M. R. Etheridge (left) NWC Commander, pins bright, shiny silver leaves of a Navy Commander on the white collar of Center Hospital Staff Nurse Maxine V. Easter. Since her promotion Commander Easter has been detached from the Center Hospital to Port Hueneme, Calif., and a new position as Chief Nurse with the installations dispensary. Commander Easter was aboard NWC for 18 months assigned to the hospital.



PROUD HUSBAND, PROUDER WIFE - Captain M. R. Ether ridge (left) NWC Commander, with the assistance of Mrs. Walter R. Petersen (right) attach new collar insignia indicating the recent promotion of Commander to Walter R. Petersen. Commander Petersen is assigned as Operations Officer, Free-fall projects (Code 403). Prior to his assignment to the Center on September 2, 1966, he served as Operations Officer with VA-76.



VIET NAM VETERAN PROMOTED — Captain M. R. Etheridge (left) NWC Commander, pins new bars on the collar of Thomas R. Stuart, signifying his recent promotion to Lieutenant junior grade. Stuart is assigned here as Food Services, Clothing and Small Sales Store officer. The young officer is a combat veteran of Viet Nam having served with Supply Support on the Riverboat Patrol. A graduate of the University of Minnesota, he was assigned from Viet Nam to NWC on October 1, 1967.

Offense	Asses
inder the influence of drugs, compounds, or intoxicants	1
nowingly and willfully permitting another under the influence of drugs,	2. ns
ounds or intoxicants to operate his vehicle	1
	1
hter, negligent homicide, or assault by an automobile	
ally leaving the scene of an accident involving death or personal in-	100
without rendering aid or information	1
tomobile to commit a felony	1
g a vehicle after suspension or revocation of the operator's installa-	
delutes achillance	1

ng (two convictions in any 12-month period results in lation driving privileges for six months)

mph over posted speed limits
w operating an unsafe vehicle

- Failure to comply with installation



RISE IN SCOUTING - Troop 3 top awards at a recent Court of Honor were presented by Scoutmaster Glenn Brays to (I-r) Norman Espeniaub, who earned Star Scout rank, and Lee Wood, who received Life Scout rank. Other troop members were presented a total of 33 awards at the ceremony.

ROCKETEER

COURSE SCHEDULE . . . WINTER-SPRING 1968

UCLA SCHEDULE OF CLASSES

REGISTRATION. Registration will be held 0800-1200, 3-12 January in Rm. 1004, Michelson Laboratory. Fees are payable by check or money order at the time of registration. CASH CANNOT BE ACCEPTED. The amount of the fee is listed after each course.

GRADUATE STUDENTS IN ENGINEERING. The Department of Engineering, UCLA, allows 3 years for the completion of the master's degree.

Winter and Spring Quarters, 1968, will be the final quarters of the Off-Campus Graduate Program under the present arrangement with UCLA.

COUNSELING. Limited counseling is available regularly in the Education Office, Room 1004, Michelson Laboratory, during office hours, 0800-1200.

REFUNDS. Refunds will be made under the following conditions if tuition refund eligibility has been established: (1) Successful completion (a grade of "C" or higher) of a course; (2) Withdrawal prior to the second meeting of class and presenting receipt to the Education Office; or (3) Withdrawal after second meeting and before fourth meeting — tuition refund minus \$10.00 will be made by the University.

TEXTBOOKS. Each student is responsible for purchasing his textbooks. Order blanks are available in the Education Office.

EXTENSION PROGRAM SCHEDULE. Courses listed on the following pages are open to all students who satisfy the prerequisites.

USE OF OFFICIAL TIME AND/OR TUITION RE-FUND ELIGIBILITY. If an employee's supervisor certifies that the training is relevant to his present or projected work assignment, the e ployee may do one of the following: (1) If carrying 2 or more courses, request permission via his departmental channels to use official time to study not to exceed 8 hours per week for 11 weeks; (2) If carrying 2 or more courses and authorized to use 4 or less hours of official time to study for one 4-unit course, submit one copy of NOTS Course Enrollment and/or Tuition Refund Certification 11ND NOTS 12410/28 prior to the first class meeting to establish tuition refund eligibility for a second 4-unit course; or (3) Submit one copy of same form to establish tuition refund eligibility for each course prior to the first class meeting.

CLEARANCE. All persons, whether or not employed by the Naval Weapons Center, who fulfill the prerequisites, are eligible to enroll in the UCLA Extension classes. However, those students without station passes or laboratory clearance (where the desired class is scheduled to meet in Michelson Laboratory) must contact the UCLA Extension Representative in Room 1004. Michelson Laboratory, telephone extension 71759, several days before the beginning of the class in order that clearance can be arranged.

*Starred courses may, by subsequent petition, be offered toward the satisfaction of the course requirements for the master's degree up to a maximum of 2 courses.

*Engineering XL 116A, Active Electronic Circuits I (4) \$55 Instructor: D. S. Kyser, Ph.D., Research Dept. Mon-Wed, 4:30-6:30pm, Training Bldg., Rm. 206, (21 meet-ings, 8 Jan-19 Mar)

Prerequisite: Enr. 20A or Engr. 100A

Equivalent circuit modeling of electron devices. Device-circuit-environment interactions. Design of single-stage amplifiers. Introduction to cascaded stages, coupling problems

and frequency response *Engineering XL 117A, Applications of Electromagnetic Theory (4) \$55

Instructor: B. J. Parsons, Ph.D., Research Dept. Tues-Thurs, 4:30-6:30pm, Training Bldg., Rm. 203 (21

meetings, 9 Jan-21 Mar) Prerequisite: Engr. 100B or equivalent

Special relativity, static electric fields, Lorentz transformation of Coulomb's law, static magnetic fields, Maxwell's equa-

tions, dielectric, permeable and resistive materials. *Engineering XL 122B, State Space Theory of Control and

Systems (4) \$55 Instructor: R. D. Berry, M.S., Propulsion Develop. Dept. Mon-Wed, 4:30-6:30pm, Training Bldg., Bm. 203 (21 meetings, 8 Jan-19 Mar)

Prerequisite: Engr. 122A or consent of instructor Development of state space description of dynamic systems Stability analysis and control system design using state space theory. Controllability and observability of systems. Reachable and recoverable regions for systems. Optimal control problems and the Pontryagin Maximum Principle Final value controllers.

*Engineering XL 125A, The Logic Design of Digital Nets (4) \$55

structor: W. B. Stelwagon, Jr., M.A., Research Dept. Mon-Wed, 4:30-6:30pm, Training Bldg., Rm. 211 (21 meetings. 8 Jan-19 Mar)

Prerequisite: Engr. 100D

Application of Boolean algebra to the design of combina tional logic nets; minimization procedures. Analysis and synthesis of sequential switching circuits; clocked and asynchronous operation. Effects of microelectronic technology on logic design optimization. Fault masking by redundancy techniques.

*Engineering XL 127A. Introduction to the Theory of Filtering and Detection (4) \$55 Instructor: F. R. Phillips, M.S., Weapons Develop. Dept.

Mon-Wed, 4:30-6:30pm, Training Bldg., Rm. 201 (21 meetings, 8 Jan-19 Mar) Prerequisite: Engr. 120A

An introduction to the modern theory of prediction and filtering of random signals, and some elements of the theory of detection of signals in noise, applications to communication, radar, and data processing.

*Engineering XL 131B, Intermediate Transport Phenomena

Instructor: R. D. Ulrich, Ph.D., Propulsion Develop. Dept. Tues-Thurs, 4:30-6:30pm, Training Bldg., Rm. 206 (21 meetings, 9 Jan-21 Mar)

Prerequisite: Engr. 131A or consent of instructo Equations of change and transport coefficients for multi-component mixtures of chemically inert fluids; analogies between mass, momentum and energy transfers; dimensionless parameters of transport processes in flow systems; transfer of mass, momentum and energy in laminar and turbulent boundary layers.

*Engineering XL 143A, Mechanical Behavior of Solids (4)

Instructor: G. A. Hayes, Ph.D., Propulsion Develop. Dept. Mon-Wed, 4:30-6:30pm, Training Bldg., Rm. 204 (21 meetings, 8 Jan-19 Mar)

Prerequisite: Consent of instructor Elastic and plastic properties of solids, microstructural effects, dislocations, strengthening mechanisms and fracture

*Engineering XL 150B, Intermediate Fluid Mechanics II

Instructor: R. H. Nunn, Ph.D., Propulsion Develop. Dept. Tues-Thurs, 6:45-8:45pm, Training Bldg., Rm. 203 (21 meetings, 9 Jan-21 Mar)

Prerequisite: Engr. 150A or consent of instructor Incompressible viscous flow. Channel flows, Stokes flow. Elements of boundary layer theory for laminar and turbulent flow: simple methods of solution. Applied aerodynaminfinite and finite wing theory, aerodynamic coefficients, Prandtl-Glavert rule, elements of supersonic small disturbance theory.

*Engineering XL 198, Engineering Applications of Vector and Matrix Analysis (4) \$55 Instructor: R. B. Leipnik, Ph.D., Research Department,

Tues-Thurs, 4:30-6:30, Michelson Laboratory, Rm. D (21 meetings, 9 Jan-21 Mar)

An introduction to the use of vector and matrix analysis in engineering and physics. The main applications will be to kinematics, dynamics, state-space analysis, hydrodynamics, and electromagnetism.

Mathematics XL 121, Introduction to Topology (4) \$55 Instructor: W. O'B. Alltop, Ph.D., Research Department.

Tues-Thurs, 4:30-6:30pm, Training Bldg., Rm. 211 (21 meetings, 9 Jan-21 Mar) Prerequisite: Math. 131A

Completeness of the real line; countable and uncountable sets; neighborhoods, open closed, compact, and connected sets; continuous functions of one variable. Metric and topological spaces, topological properties, completeness, mappings and homeomorphisms, the metrization problem. Mathematics XL 150B, Probability and Statistics (4) \$55

Instructor: J. R. Harvey, Ph.D., Research Department

Tues-Thurs, 4:30-6:30pm, Training Bldg., Rm. 107 (21 meetings, 9 Jan-21 Mar)

Prerequisites: Math. 12C or 13C, 150A Continuation of a basic introduction to the theory of proba-

bility and statistics. *Physics XL 114A, Mechanics of Wave Motion and Sound

(4) \$55 Instructor: G. J. Plain, Ph.D., Associate Head, Res. Dept. Tues-Thurs, 4:30-6:30pm, Michelson Laboratory, Rm. C (21 meetings, 9 Jan-21 Mar)

Prerequisite: Physics 131 Mechanical systems, propagation of compressional waves.

3-dimensional wave equations, circular pistons, radiative loud-speakers, propagation of sound, acoustic waves, architectural acoustics.

GRADUATE PROGRAM SCHEDULE. The following course is open only to students who have graduate status at UCLA. Engineering 215A, Solid-State Electronics J: Quantum Techniques (4) \$55

Instructor: V. L. Rehn, Ph.D., Research Department Tues-Thurs, 6:45-8:45pm, Training Bldg., Rm. 206 (21 meetings, 9 Jan-21 Mar)

Prerequisite: Engr. 140A

Quantum mechanical methods applied to the study of processes within solids. Interaction of radiation and matter, lattice vibrations (phonons), energy levels and bands in solids.

USC SCHEDULE OF CLASSES

Three graduate courses in Public Administration will be offered at China Lake by the University of Southern California during the Spring Semester, 1968. An undergraduate major in engineering, business, or physical, biological or social sciences is acceptable as pre-professional background for Public Administration courses. Single courses can be taken for information purposes, if an employee so desires.

PA 516, Problems in the Administration of Personnel Resources: (4) Dr. Gilbert Siegel

Wednesday, 7 February 1968, 1630-1800, 1900-2200 Training Center, Bldg. 947. Room 205

Meeting Dates: 7, 21 Feb.; 6, 20 Mar.; 3, 17 Apr.; 1, 8, 22, 29* May.

Evaluation of government personnel systems; classification, compensation, recruitment, examination, training, working conditions, incentives, performance ratings, and employee organizations in the public service. PA 591, Complex Organizations: (4)

Dr. William Mitchell

Thursday, 8 February 1968, 1630-1800, 1900-2200

Training Center, Bldg, 947, Room 205 Meeting Dates: 8, 15, 29 Feb.; 7, 12, 28 Mar.; 4, 25 April., 16, 23* May.

Philosophy of science, theory and methodology in the social sciences and preparation of research designs.

PA 501, Administration of Research and Development: (4) Instructor: To be Announced Tuesday, 6 February 1968, 1900-2200

Meeting Dates: Weekly

This course is part of the Research and Development Administration Specialization. Local and visiting lecturer specialists in this field will be guest lecturers. Mathematics 22-Elementary Probability and Statistics: (3)

(Bakersfield College) Joe Dinsmore Monday, 29 January 1968, 1900-2200

Room L31, Bakersfield Junior College, Desert Division Statistics is a pre or co-requisite to PA 591. Complex Organizations for all students. FINAL EXAM

REGISTRATION: Mr. Philip Hutchins, USC Extension Division, will hold registration in Room 107, Training Center on Friday, 2 February 1968 at 1300. Tuition is \$50 per unit. Payment of tuition may be made in full or arrangements are available for deferred tuition (subject to a \$5 non-refundable service charge).

TUITION REFUND: To be eligible for a full tuition refund (excluding service charge), an employee must submit NOTS Form 12410/28 to Code 654 and must receive a grade of "C" or higher upon completion of the course. Partial tuition refunds will be made by the University to eligible employees who wish to withdraw prior to the second meeting of the course.

BOOKS: Texts have been ordered and will be available at the time of registration. If further information is desired, contact Dan But-

ler (Code 654) extension 71451/71480.

BAKERSFIELD COLLEGE **DESERT DIVISION**

CALENDAR

January 2-23 Counseling and registration by appointment in College Office 10 A.M. to 9 P.M. January 6 College aptitude and placements tests in classroom 2:

	English Classification 8 A.M.
	School and College Ability Test 9:30 A.M.
- ster	Reading Placement 11:30 A.M.
January	24-25 Open registration in Multi-use room
	5 P.M. to 9 P.M.
January	26 Open registration in College office
	8:30 A.M. to 4:30 P.M.
January	26 Bookstore to open in College conference
	room 10 A.M. to 3 P.M.
January	29-February 14 Bookstore open Monday
	through Thursday 4 P.M. to 8 P.M.
January	29 Instruction begins
	29-February 9 Late registration in

College office if class is not closed For additional information: Telephone 375-2348.

SCHEDULE OF CLASSES

Bakersfield College Desert Division reserves the right to make schedule changes and to cancel any class.

*Classes so marked are adult classes and may be taken without credit. All other classes are graded classes and must be taken for credit.

DAY COURSES

when when the state

Mr. Marsh

Mr. Keranen

Mr. Keranen

Mrs. Grecu

Mrs. Grecutte

English 1A-EXPOSITORY COMPOSITION

- Tues. and Thurs., Jan. 30, 1:30-2:53 p.m. Mrs. Highee Room 3. 3 units (Prerequisite: Level 1 classification or a grade of "C"
- English 1B-INTRODUCTION TO TYPES OF LITERATURE Tues. and Thurs., Jan. 30, 1:30-2:53 p.m.
- Room 2, 3 units Mrs. Bacon (Prerequisite: English 1A)
- English 68-BEADINGS IN AMERICAN LITERATURE Tues. and Thurs., Jan. 30, 9-10:30 a.m.
- Room 2, 3 units Mrs. Bacon (Prerequisite: Level 3 or higher classification or a pass-
- ing grade in English 080) History 17B-HISTORY OF THE UNITED STATES
- Mon. and Wed., Jan. 29, 12-1:23 p.m.
- Room 2, 3 units Mr. Rosenberg (Prerequisite: History 17A or a qualifying score on col-
- lege aptitude test or "C" or higher in Social Science 53A)

Life Science 53-GENERAL BIOLOGY

Mathematics A-ELEMENTARY ALGEBRA

Mon. and Wed., Jan. 29, 9-11:23 a.m.

Mathematics 080-BASIC ARITHMETIC

Office Skills 50A-BEGINNING TYPING

Office Skills 54-TYPING REVIEW

Tues. and Thurs., Jan. 30, 1:30-4:00 p.m.

Mon. and Wed., Jan. 29, 9-11:23 a.m.

Mon. and Wed., Jan. 29, 12-1:23 p.m.

Lab Portion ---- to be arranged Lecture-6:30-9:00 p.m., Tues. and Thurs.

Room 4. 3 units

Room 3, 3 units

Room 3, 3 units

Room 1. 3 units

Room 1, 3 units

Political Science 1-AMERICAN GOVERNMENT Tues, and Thurs., Jan. 30, 12-1:23 p.m. Room 2. 3 units Mr. Rosenberg Political Science 41-PRINCIPLES OF LEADERSHIP Wed., Jan. 31, 4-5:00 p.m. (Plus 1 arranged hour) Room 2. 1 unit Mr. Albanese Political Science 42-PRINCIPLES OF LEADERSHIP Wed., Jan. 31, 4-5:00 p.m. (Plus 1 arranged hour)

Room 2, 2 units Mr. Albanese Physical Ed. 6A-ARCHERY Mon. and Wed., Jan. 29, 3-4:00 p.m.

Mrs. Gulick Gym. .5 unit Psychology 51-APPLIED PSYCHOLOGY Tues. and Thurs., Jan. 30, 12-1:23 p.m. Room 3. 3 units Mr. Rilev

Psychology 33-PERSONAL AND SOCIAL ADJUSTMENT Tues. and Thurs., Jan. 30, 10:30-11:53 a.m. Mr. Rilev Room 2. 3 units (Prerequisite: Psychology 1A)

EVENING COURSES

Architectural Drawing 30A

Tues. and Thurs., Jan. 30, 5:30-7:23 p.m. Room M48, 3 units Mr. Andreasen (Prerequisite: Industrial Drawing 30A or two years of high school mechanical or architectural drawing with an average of "B" or higher) Art 6-FIGURE DRAWING

Tues. and Thurs., Jan. 30, 6:30-9:30 p.m.

Room G02, 2 units Mrs. Guzman Art 5AB-INTRODUCTION TO OIL PAINTING Mon. and Wed., Jan. 29, 6:30-9:30 p.m. Mr. Drow

Room G01, 3 units (Prerequisite: Art 2A or 3A) Art 7AB-CERAMICS

Tues. and Thurs., Jan. 30, 6:30-9:30 p.m. Room G01, 3 units Mr. O'Brien Art 33A-ELEMENTARY PHOTOGRAPHY

Mon. and Wed., Jan. 29, 5:30-8:00 p.m. Room L39A, 3 units Mr. Vollmer

Art 33B-INTERMEDIATE PHOTOGRAPHY Mon. and Wed., Jan. 29, 5:30-8:00 p.m.

Room L39A. 3 units Mr. Vollmer (Prerequisite: Art 33A or permission of instructor) Biology 10-INTRODUCTION TO BIOLOGICAL

PRINCIPLES Mon. and Wed., Jan. 29, 5-6:23 p.m.

Room 4, 3 units ______ Mr. Marsh (Prerequisite: A qualifying score on the college aptitude tests or "B's" in high school biology or "B's" in high school chemistry or physics or a "C" or higher in Life Science 53)

Biology 10L-BIOLOGICAL PRINCIPLES LABORATORY Mon. and Wed., Jan. 29, 6:30-7:53 p.m. Room 4, 1 unit Mr. Marsh

(Prerequisite: Completion of or concurrent enrollment in Biology 10)

Business 51-BUSINESS MATHEMATICS Tues. and Thurs., Jan. 30, 5-6:23 p.m. Room L39B, 3 units Mr. Matulef

Business 52-INTRODUCTION TO BUSINESS Mon. and Wed., Jan. 29, 8-9:23 p.m.

Room L30, 3 units Mr. Albanese **Business 54—PERSONAL FINANCE**

Tues. and Thurs., Jan. 30, 5-6:23 p.m. Room L30, 3 units Mr. Albanese

Business Administration 1B-PRINCIPLES OF

ACCOUNTING Tues. and Thurs., Jan. 30, 8-10:00 p.m. Room L30, 3 units Mr. Albanese

(Prerequisite: Business Administration 1A) **Business Administration 18B-BUSINESS LAW**

Mon. and Wed., Jan. 29, 6:30-7:53 p.m. Room L30, 3 units

Mr. Albanese Chemistry 1B-QUALITATIVE ANALYSIS Tues. and Thurs., Jan. 30, 5:30-10:00 p.m. Room D29B, 5 units Mr. Pakulák

(Prerequisite: A grade of "C" or higher in Chemistry Data Processing 50-INTRODUCTION TO BUSINESS DATA

PROCESSING Tues. and Thurs., Jan. 30, 6:30-7:53 p.m.

Room B02, 3 units Mr. Zaharias Data Processing 56-CARD PUNCH OPERATION

Mon. and Wed., Feb. 5, 6:30-9:00 p.m. (6 weeks) (Prerequisite: Data Processing 50 and ability to type at a net speed of 25 words per minute. May be taken concurrently with Data Processing 50)

nics 1B-PRINCIPLES OF ECONOMIC

Tues. and Thurs., Jan. 30, 6:30-8:00 p.m. Room L30, 3 units . Mr. Albanese Electrical Technology 69A-BASIC ELECTRONIC TEST

EQUIPMENT Mon. and Wed., Jan. 29, 5-6:23 p.m.

1A)

Room T212, 2 units Mr. Wood (Prerequisite: A background in electronics or permission of instructor)

English 1A-EXPOSITORY COMPOSITION

Mon. and Wed., Jan. 29, 6:30-7:53 p.m. Room M42, 3 units

Mrs. Bacon (Prerequisite: Level 1 classification or a grade of "C" in English 50)

English 1B-INTRODUCTION TO TYPES OF LITERATURE Mon. and Wed., Jan. 29, 8-9:30 p.m. Room 2, 3 units Mrs. Higbee

(Prerequisite: English 1A) English 5B-SURVEY OF ENGLISH LITERATURE TO 1900

Mon. and Wed., Jan. 29, 6:30-7:53 p.m. Room 2, 3 units Mrs. Highee (Prerequisite: English 5A or permission of instructor)

English 50-INTRODUCTORY COMPOSITION Mon. and Wed., Jan. 29, 5-6:23 p.m.

Room 2, 3 units Mrs. Bacon (Prerequisite: Level 2 classification or a grade of "C" in English 60 or 62)

English 52-READING IMPROVEMENT Tues. and Thurs., Jan. 30, 8-9:00 p.m.

Room B03, 1 unit Mrs. Bacon (Prerequisite: Level 2 classification or permission of in-

English 53-BUSINESS CORRESPONDENCE Mon. and Wed., Jan. 29, 8-9:23 p.m. Room 1, 3 units ... Mrs. Grecu (Prerequisite: Level 2 classification or a grade of "C" in English 60 or 62) English 67-READINGS IN MODERN FICTION Mon. and Wed., Jan. 29, 5-6:23 p.m. Room M42, 3 units Mrs. Highee (Prerequisite: Level 3 or higher classification or a passing grade in English 080) *English 90A-ENGLISH FOR FOREIGN BORN Tues. and Thurs., Jan. 30, 6:30-7:53 p.m. Room M42. 0 unit Staff English 080-SPECIAL REPAIR ENGLISH Tues. and Thurs., Jan. 30, 6:30-7:53 p.m. Room B03, 3 units ... Mr. Butler (Prerequisite: Level 4 classification) English S-SPELLING IMPROVEMENT Mon., Jan. 29, 8-9:00 p.m. Con. Room, .5 unit Mrs. Bacon *French 52B-ELEMENTARY CONVERSATIONAL FRENCH Mon. and Wed., Jan. 29, 8-9:23 p.m. Room D24, 2 units Mr. Afrank (Prerequisite: French 52A) Geography 1B-INTRODUCTION TO GEOGRAPHY: **Cultural Elements** Tues. and Thurs., Jan. 30, 8-9:30 p.m. Room B02, 3 units Mr. Butler Geology 12-GEOLOGY OF CALIFORNIA Tues. and Thurs., Jan. 30, 6:30-7:53 p.m. Room M41, 3 units Dr. Austin

(Prerequisite: Geology 10 or permission of instructor) German 2-ELEMENTARY GERMAN

Mon. and Wed., Jan. 29, 7-9:30 p.m. Room D21, 4 units

Mr. Kirk (Prerequisite: German 1 or two years of high school German)

Health Ed.1-PRINCIPLES OF HEALTH EDUCATION Tues. and Thurs. Jan. 30, 5:30-6:23 p.m. Room 4. 2 units

Mr. Marsh History 4B-WESTERN CIVILIZATION

Mon. and Wed., Jan. 29, 8-9:23 p.m. Room 4. 3 units

Mr. Rosenberg (Prerequisite: Recommended, though not required, that 4A be taken before 4B) History 17B-HISTORY OF THE UNITED STATES

Tues. and Thurs., Jan. 30, 5-6:23 p.m. Room M42. 3 units Mr. Rosenberg

(Prerequisite: Qualifying score on a college aptitude test or "C" or higher in Social Science 53A or History 17A) Home Economics 51B-TAILORING Tues., Jan. 30, 7-10:00 p.m.

Room C18B, 1 unit

(Prerequisite: Home Economics 51A or permission of instructor)

... Miss Dixon

Industrial Drawing 30B Mon. and Wed., Jan. 29, 6:30-9:23 p.m.

with grades of "B" or higher)

Journalism 10A-FUNDAMENTALS OF JOURNALISM Tues. and Thurs., Jan. 30, 6:30-7:23 p.m.

T2, 2 units Mrs. Higbee Journalism 10AL, 10BL, 10CL, 10DL-JOURNALISM WRIT-ING LABORATORY (Fundamentals for beginning students, advanced work in

editorial, feature, public relations, and news for continuing students) Tues. and Thurs., Jan. 30, 7:30-9:00 p.m.

T2, 1 unit Mrs. Higher (Prerequisite: Journalism 10A, concurrently, or permission of instructor)

Journalism 10B-EDITORIAL AND FEATURE WRITING Tues. and Thurs. Jan. 30, 9-10:00 p.m. T2, 2 units

Mrs. Higbee (Prerequisite: Journalism 10A or permission of instructor)

Journalism 10C-THE USE OF MEDIA IN PUBLIC RELATIONS

Tues. and Thurs., Jan. 30, 9-10:00 p.m. T2, 2 units Mrs. Higbee

(Prerequisite: Journalism 10A) Journalism 10D-ADVANCED NEWS WRITING Tues. and Thurs., Jan. 30, 9-10:00 p.m.

T2, 2 units Mrs. Higbee (Prerequisite: Journalism 10A or 10B)

Life Science 53-GENERAL BIOLOGY Tues. and Thurs., Jan. 30, Lecture 6:30-9:00 p.m.

Lab portion to be arranged Room 4, 3 units ...

Mr. Marsh Mathematics B-GEOMETRY Mon. and Wed., Jan. 29, 6:30-9:00 p.m.

Room D26, 3 units Mrs. Comptor (Prerequisite: Mathematics A or one year of high school algebra)

Mathematics C-PLANE TRIGONOMETRY Tues. and Thurs., Jan. 30, 6:30-7:53 p.m.

Room 3, 3 units Mr. Keranen (Prerequisite: Plane geometry and grade of "C" or higher in either advanced high school algebra or Mathematics D)

Mathematics D-INTERMEDIATE ALGEBRA

Mon. and Wed., Jan. 29, 5-6:23 p.m. Room D26, 3 units Mrs. Compton

(Prerequisite: Grade of "C" or higher in either one year of high school algebra or Mathematics A) Mathematics 3B-ANALYTIC GEOMETRY AND

CALCULUS II

Tues. and Thurs., Jan. 30, 8-9:23 p.m. Room 3. 3 units Mr. Keranen (Prerequisite: A grade of "C" or higher in Mathematics

Mathematics I-MATHEMATICAL ANALYSIS

Tues. and Thurs. Jan. 30, 5-6:23 p.m.

Mr. Keranen Room 3. 3 units (Prerequisite: Mathematics D or equivalent and Mathematics C)

Mathematics 10-INTRODUCTION TO MATHEMATICS

OF THE ELEMENTARY SCHOOL Mon. and Wed., Jan. 29, 6:30-7:53 p.m.

Room 3, 3 units _____ Mr. Ke (Prerequisite: Mathematics A and B or equivalent) Mr. Keraner

Mon., Jan. 29, 7-10:00 p.m. Room L31, 3 units Mr. Dinsmore (Prerequisite: Mathematics D or equivalent) Mathematics 51-BUSINESS MATHEMATICS Tues. and Thurs., Jan. 30, 5-6:23 p.m. Room L39B, 3 units Mr. Matulef Mathematics 53B-ADVANCED MATHEMATICS FOR ELECTRONICS Mon. and Wed., Jan. 29, 5-6:23 p.m. Mr. Matulef Room L39B. 3 units (Prerequisite: Mathematics 53A) Metal 55-METAL TECHNOLOGY Tues. and Thurs., Jan. 30, 6:30-9:00 p.m. Room G03, 3 units Mr. Gonden Music 14-COLLEGE CHOIR Mon. and Wed., Jan. 29, 8-9:53 p.m. Room F01, 1 unit Mr. Sherburn (Prerequisite: Interview by director of choir) Music 15-MEN'S CHOIR Mon., Jan. 29, 6-7:53 p.m. Room F01, 1 unit ... Mr. Sherburn Music 5B-CLASS PIANO Tues. and Thurs., Jan. 30, 8-9:00 p.m. Room F01, 1 unit Mr. Warren Music 22-MUSIC APPRECIATION Tues. and Thurs., Jan. 30, 6:30-7:23 p.m. Room F01, 2 units Mr. Riley Office Skills 50B-INTERMEDIATE TYPING Mon. and Wed., Jan. 29, 5:30-7:53 p.m. Room 1, 3 units Mrs. Grecu (Prerequisite: Office Skills 50A with a "C" or higher or a year of high school typing with a "B" or higher or Office Skills 54 with a "C" or higher) **Orientation 1-EDUCATION PLANNING** Tues., Jan. 30, 8-9:00 p.m. (Every other week) Room 2, .5 unit Mr. Riley Physical Ed. 31A-STANDARD RED CROSS FIRST AID Thurs., Feb. 1, 8-10:00 p.m. Room 2. 1 unit Mr. White Physics 1B-WAVE MOTION AND HEAT Mon. and Wed., Jan. 29, 6:30-9:30 p.m. Room L39B. 3 units Mr. Matulef (Prerequisite: Physics 1A, Mathematics 3A and concurrent registration in Mathematics 3B) Physics 2B-GENERAL PHYSICS Tues. and Thurs., Jan. 30, 6:30-7:53 p.m. Room L39B. 3 units Mr. Matulef (Prerequisite: Physics 2A) Physics 3B-GENERAL PHYSICS LABORATORY Tues. and Thurs., Jan. 30, 8-9:30 p.m. Room L39B, 1 unit Mr. Matulef (Prerequisite: Physics 2A-2B) Police Science 54-ADMINISTRATION OF JUSTICE Mon., Jan. 29, 7-10:00 p.m. Mr. Whaley Room L36, 3 units *Police Science 76-CIVIL DEFENSE AUXILIARY POLICE Wed., Jan. 31, 7-9:00 p.m. Room L36, 2 units . Mr. Whaley Psychology 1A-GENERAL PSYCHOLOGY Mon. and Wed., Jan. 29, 6:30-7:53 p.m. Mr. Riley test or a grade of "C" or higher in Psychology 51) Sec. Training 50B-INTERMEDIATE GREGG SHORTHAND Tues. and Thurs., Jan. 30, 7-9:30 p.m. Mrs. Grecu Room 1, 4 units (Prerequisite: One year of high school stenography or Sec. Train. 50A with a grade of "C" or higher and concurrent enrollment in Office Skills 54, 50B, 60A, or completion of 60A) Social Science 53B-INTRODUCTION TO SOCIAL SCIENCE Mon. and Wed., Jan. 29, 6:30-7:53 p.m. Room M42, 3 units Mr. Rosenberg *Social Science 90-PRE-RETIREMENT SEMINAR Begins Feb. 13 - 8 meetings Tues., Feb. 13, 8-9:23 p.m. Con. Room 0 unit Mr. Fekrat Sociology 2-PROBLEMS OF MODERN SOCIETY Tues. and Thurs., Jan. 30, 6:30-7:53 p.m. Room L38, 3 units Mr. Fekrat (Prerequisite: Psychology 1A or Sociology 1 or permission of instructor) *Spanish 52B-ELEMENTARY CONVERSATIONAL SPANISH Tues. and Thurs., Jan. 30, 6:30-7:53 p.m. Room D21, 2 units Mr. Casados (Prerequisite: Spanish 52A or its equivalent) Speech 51-GENERAL SPEECH Tues. and Thurs., Jan. 30, 5-6:23 p.m. Room 2, 3 units Staff Wood 53-ELEMENTARY CABINET MAKING Tues. and Thurs., Jan. 30, 7:30-10:00 p.m. Room G04, 3 units ... Mr. Davis APPRENTICE PROGRAM Apprentice 74H-MACHINIST Thurs., Feb. 1. 7:30-11:30 a.m. Room TRB101. 2 units ... Mr. Ladda Apprentice 79H-PLUMBER/PIPE Wed., Jan. 31, 7:30-11:30 a.m. Mr. Flagg Room TRB103, 2 units Apprentice 84H-ELECTBONICS Thurs. and every 4th Mon., Feb. 1, 7:30-11:30 a.m. Room TRB212, 2 units Mr. Rohret/Vernon-Cole

The Winter-Spring schedule for programmed instruction and NAVFAC home study courses will be carried in next week's ROCK-ETEER. On-Center S & E and short courses will continue to be advertised by E.D.O. bulletins. If you have any questions concerning Employee Development or training contact your Personnel Management Advisors.

Mathematics 22-ELEMENTARY PROBABILITY AND

STATISTICS