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EXPLORE

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University of California Extension, San Diego

invites you to continue learning . . . and enjoy it!

Spring Quarter beginning March 24

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President's Message

The central mission of the University of California is learning. Learning encompasses transfer of knowledge, but not indoctrination; respect for the past, but not idolatry; high concern with academic excellence, but not to the exclusion of the whole person.

We are committed to providing the most favorable environment for learning, not only in attractive campuses and modern facilities, but more importantly in preserving and encouraging the spirit of free inquiry and dedication to truth which have made the University of California a truly great university.

Charles J. Hitch
President of the University

There is considerable talk lately about the university's relevance . . . to its students, to the society and to the community of which it is a part. The talk, most of it critical, is due in part to a hangover from the Ivory Tower era when the ivy-covered brick walls of most schools separated them from the problems that plagued the city just outside.

Now, as every aware person knows, this country is in the midst of a relatively quiet, almost bloodless revolution in its social systems and the university is right in the middle of it, for better or worse. At least this university is, and, as far as the University Extension staff is concerned, that's where it should be.

UC President Charles Hitch put it this way: "Nowadays there is more intense conflict over American social values and political priorities than we have seen in our lifetime. The University must also look to its obligations in the surrounding society and find ways that are compatible with its essential education mission whereby to contribute to the achievement of a just society."

In a recent issue of Explore, a Detroit city councilman was even more direct: "The university has an obligation to use its learning to lead. Wherever it can, and it should court every opportunity, the university must not only speak out but it must also demonstrate to the community how to solve some of its problems."

University Extension has tried to shed light on some of the problems facing this and every American city. We have aimed, and will continue to, at social problems and at the problems of the individual in a mass society. We consider the level of our involvement and commitment to this community high.

During this academic year, we have already explored areas such as sex education, crisis counseling, the problems of loneliness in today's society, a changing morality, the "third world," practical solutions to racism, changing values among young people, the crisis in religion, the history of racism, Mexican-American leadership, black power, housing, and many, many other subjects of present concern to this community.

We have tried in the parlance of today to "tell it like it is." A few of our students have been offended by what they have seen or heard, which we regret, but we still believe in examination of important positions in today's issues. Facetiously, we have considered rating courses as the motion picture industry now does, warning customers of the likely content. Instead, we are seeking to more fully describe the content and purpose of our special programs so that prospective students can know what to expect.

In presenting up-to-date programs to the San Diego area we are working (or have worked) with the American Association of University Women, the League of Women Voters, Citizens Interracial Committee, Citizens United for Racial Equality, Head Start, New Careers, the Department of Justice, Neighborhood House, American Institute of Architects, the Community Welfare Council, the Medical Laboratory Technologists, the Chamber of Commerce, the American Society for Training and Development, the Women's International League for Peace and Freedom, the Instructional Television Authority, American Friends Service Committee, Council for Public Responsibility, First Unitarian Church, the Council of Churches and others . . . groups that are involved and concerned with today's problems. Many of our staff members are serving in these and similar community groups.

Through the articles carried in Explore each quarter we have tried to examine some of the same issues brought up in our courses. This time the issue of racism is taken apart in questions and answers with Carrol Waymon, executive director of the Citizens Interracial Committee, and a segment of the New Careers program is probed in words and pictures.

I hope we can continue to keep our commitment high and, with your continuing support, help move some of the separated factions of this society closer together.

Martin N. Chamberlain

Martin N. Chamberlain, Director

Carrol Waymon,
black, 43
and always moving,
talks about you
and me:

Editor's note: Carrol Waymon has been executive director of the Citizens Interracial Committee, the official human relations agency of the county, since 1964. He was educated at Howard University and Temple University (masters in education and psychology) and has been a teacher, psychologist, probation officer, human relations consultant and author. Waymon often walks a tightrope between militant black youths and white racists, but earns the respect of both. He is interviewed here by EXPLORE's editor, John Wood.

You and others have characterized San Diego as the "Mississippi of the West." Is this just an easy, popular term for you to use in speeches or is San Diego really that bad?

I think San Diego is really that bad, in certain ways. The term is not just for popular use or a catchy term, though it is that too. But I think that in certain regards, the city of San Diego, this whole area of San Diego, is worse for black people, I imagine in some instances for brown, too, than some places in Mississippi.

I think a lot of people move out west with the idea in mind that western cities are going to be open-minded and liberal and they find out that the same kind of people have moved from the cities of the south and the midwest and the north and so you don't have anything really different. That kind of leads up to the next question . . . Is there an area where San Diego is different from major cities in the midwest or the north or the south with regard to racial problems?

I've thought about that a lot of times, John, I think there are some things that are different about the city of San Diego compared to other major northern and southern cities. But a lot of things are similar. For example, the fact is that black and brown people move from southern cities, southern parts of the country, to this part of the country, looking for a dream to be realized. But it is equally true, as you mentioned, that whites move here and I don't see that the pattern changes, except here we have a tradition of at least pretending that the laws are for everybody and are to be enforced equally and equitably whereas in the south, until recently, it was a farce to talk about treating the black man with equanimity, compared to the white, that is. Now I think what happens is when the whites get here, they take on the facade of equality, of equitable treatment before the law—going to school sitting with Negroes for the first time . . . they do not come out of hiding, as it were, and start popularizing the fact that they hate Negroes, they hate the niggers. Therefore, it takes a lot of coloration, as it were, being part of the environment that's already here. But beneath that, you have all the subtleties and all of the indignities that the black man continues to suffer along with the other minorities of this country. I don't think, in other words, that the location of San Diego, per se, as compared to the southern towns and northern or eastern towns makes for that much difference. Many whites who have come here from other parts of the country hate many of the Negroes, just as they hated them there. And since they hated them then, they hate them now. And in that process, the black man picks this up and feels this more than he can document and it continues to be the same old story.

It makes it easier to deal with if it's out in the open.

Yes, the difficult thing is to get at this whole racism-prejudice, discrimination, etc. When it's completely undercover it's most difficult. You can get at it if it's dealt with with honesty and openness. Someone like Wallace at least tells you where he is and you know where he stands. The same is true with the south traditionally, John, because traditionally, the nigger had his place or the white trash had his place and these individuals knew exactly what to expect because they could predict the behavior of those who were keeping them in that place. There's a great degree of honesty and integrity in that kind of position. Though I don't agree with the philosophy, certainly there is integrity in the position of the man. He's honest in that regard.

Which of the groups that you deal with, or rather the institutions—and that includes the university and state government, county government, police, all these—which of these do you find more willing to change? Which are willing to help you —CIC—and other like groups.

That's a fascinating question, one that my staff and I like to knock about sometimes. I am going to make an observation . . . and try to tie it in with your question. In all typical cities I know the groups that will change last and not without a fight, as we are seeing now in some of the cities, are the police departments and other law enforcement institutions. These are perhaps the most deeply entrenched and the most resistant to any kind of change, that is from the outside. Probably from the inside too . . . followed very closely by the city structure of schools, I don't mean the city government, the city schools, the school systems. That is no different in San Diego, I suspect. And then perhaps by the church institution, that is, organized religion. And then maybe by the city and county government. I am not certain though that in San Diego it follows a straight line or progression that way. I think in San Diego while the city schools have not changed significantly to affect the majority of the families and the students, I think, not from the top, but from positions between the bottom and the top, there have been some philosophical changes in those who run our schools. I think that the one that has perhaps the most potentiality for change (as I said contradictory to the general pattern that I outlined) is perhaps the city. As a recent example we have an appointment of a black city councilman. In most cities the process that is engaged in to get to the point of a philosophical change of an idea is one of conflict and open fight. In the city of San Diego what has been going on is dialog . . . with the city community dialog, the other home dialogs, and with the other kinds of discussions and seminars that are going on throughout the city. What is really happening is a shifting in a philosophical position. Now I realize this kind of change will not be understood by most men in the street because it shouldn't be. It's not that important to them. They are concerned with butter issues. But in terms of the structure shifting to a different philosophical understanding level the city has begun to make that kind of shift. It probably took a week or more of discussion to decide on Leon Williams, but the fact that they considered him in a different context than most cities is the kind of philosophical position I am talking about.

You don't think he will be just "our black councilman?"

No. You mean in terms of . . . No I don't. I think that it was rather reading the signs of the time. That is from that appointment position. At the same time, perhaps, understanding something about the nature of the social problem. Though I don't think they understand the gut issue. Don't get me wrong. But understanding that it is time to respond to the black and the brown people, through visible recognition of their presence.

Right. What do you think this means to the community?

When you say he is our black city councilman I think that has a grain of truth in it. Because he will be token, until time passes sufficient for us to judge whether or not, in fact he is to be San Diego's black City Councilman. I think that there is a tendency for this to become engrained and become the routine. I am trying to say that at this point I withhold judgment and say if we, the citizens, those of us who are involved in all of this, really mean that we want to make our city viable and a model city we won't let them stand pat and let this become just a symbol. I think it means in other words, to the city, to the people, as you asked, that our city is responding, beginning let me say, to respond appropriately to the demands, to the requests, and the feelings of the community.

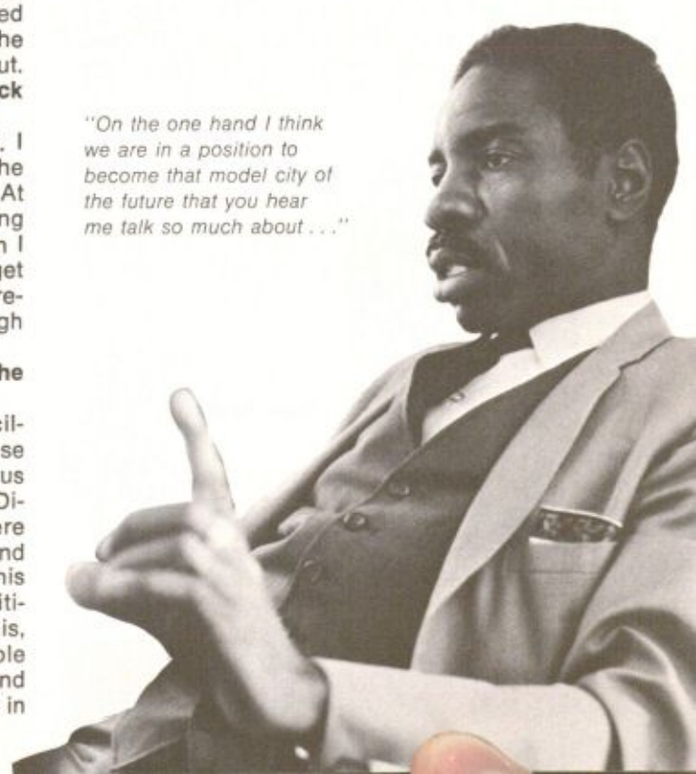
Review for us if you will, the specific areas in which you think not only Citizens Interracial Committee but the minority community in general is making the biggest headway. That is, is making some progress you can point to in San Diego and, on the other hand, in what areas are you really butting your head up against the wall?

Yeah, I know what you mean. It might appear that that's an easy question to answer but it really isn't. It's really a tough one, for we are constantly asking that, John. I suppose the one we are up against most is not to have the public institutions here, to change philosophically, that is not the understanding, the talk level, but to transmit and translate that into what I would call incremental changes, and behavior. Now by that I mean that it may be only one inch this month and next week it may be only a quarter of an inch and the next month only a half or the next month one-sixteenth of an inch.

At least you can measure it.

Yes, that's what I mean. And not just those of us on the level like you and me and the rest of us in agencies, but the man in the streets who reads it in the paper, sees it on television, sees it somewhere and feels that degree of change. And that person can relate that change to his existence. Now I suppose that's the toughest one, to get that kind of thought through. That's not easy even to

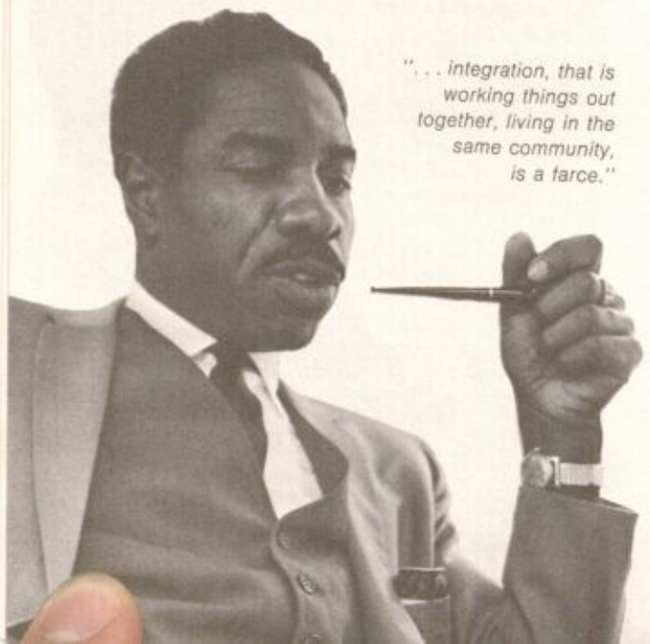
"On the one hand I think we are in a position to become that model city of the future that you hear me talk so much about . . ."



express to people who are typical of running agencies. That is, I don't mean my kind of agency and yet I do mean community agencies all right. But public schools, police departments, the city and county governments, state agencies, employment agencies, to say the man in the street has to understand that you really change and that that change was in some direct response to his felt needs or his expressed demands. Now there are the two significant things. It has to be a measured change, but it has to also be in the direction of his request and his demands. Then you can keep people involved in participatory democracy. That's the most difficult.

That implies some cooperation or lots of cooperation particularly from mass media doesn't it? To let the people know what is changing, what is happening today.

Definitely. This leads me to the area of reporting, responsible reporting. And I consider the most difficult area the news media, which in my mind is one of the worst enemies of the progress of this city, with regard to human relations. It is as if they have a moratorium on reporting certain kinds of news for example, anything controversial here does not get on the TV. And maybe most people don't know it. But anything controversial here does not get on the TV's. I am sure they consciously eliminate it from the news. Anything around racial issues except the little blurb on some minor event happening never gets on the news here. But our TV stations, our radio stations, and our newspapers simply do not cover the items of significance going on anywhere in this country today with regard to the racial issue let alone do very much coverage in San Diego. They simply don't cover the black and brown communities in San Diego. I know how they're going to feel when they read this but my thought is that they do not just do disservice to blacks and the browns and other minorities, to me they do a criminal disservice to the white community by not letting it know really the total picture of what's going on and the dimensions of the situations around the country. That's why we in CIC feel that we have to carry on a public education program to a greater degree and a greater intensity because the news media here simply ignores the important conditions of this social revolution. And they don't cover anything that's so-called controversial. Some of the news stations check with such people as the police department and as others such as the superintendent of schools before reporting items that really have no business being checked with such departments. I think this is tragic.



". . . integration, that is working things out together, living in the same community, is a farce."

Some of the areas in which we have made the greatest headway, I suppose would be in terms of helping to educate the total community, black and brown as well as white. Particularly the white community, beginning to help them understand the nature of this social revolution, as it applies locally to San Diego. I suppose we have made some progress also with the certain schools, not the school districts, but certain schools, in terms of in-service training. It goes without saying, I suppose that we have made what I consider tremendous progress in terms of getting the minorities themselves to become articulate about their problems. And to feel that they must be able to articulate their problems. Utilize the forums that we provide and others provide to do that. It has to be considered progress, and a step forward. And the many "Designs For Understandings," the many home dialogues, are considered by us to be steps in the direction of a progress. But not the incremental kind that I discussed earlier.

In a previous issue of Explore we had an article by Chuck Guzetta entitled "Where to Now, White Liberal?"

I remember it.

Many of my friends and acquaintances have come to me and said "the black people don't want us anymore." They regard the separatism of some of the organizations and mood of the black community as saying "we can't use you now, we can use some money but we're going to do this, our own thing, our own way."

Right.

How do you regard this? Whether this is true or not, it is a perception in the white community. So this does need to be dealt with. How do you regard it as helping or hindering what you are trying to do.

I believe it has to be dealt with, first of all because it is a reality. As we say whether or not one agrees with it is a perception therefore a reality to be dealt with. I think that it helps the situation John, because I think it facilitates and expedites the time when we will have to come to grips with what the problem is. Let me spell it out for you. The sooner we can face all of the dimensions of this ugly problem of racism, the sooner we can begin putting the pieces back together and get on with the business as we should. Underlying this perception is a basic acceptance of a fact namely there are two communities. There is one white and one non-white here, meaning black and brown. And what this position postulates is that integration, that is working things out together, living in the same community, is a farce. And further, it was the whites who themselves made it a farce through hypocracy and so forth, over the years. Just ten years ago it was the position that integration was the goal of civil rights. Not a technique and method to accomplish it but a goal of civil rights. These groups are saying today that the whites didn't really believe in that integration stuff, as they put it, in the first place. That it was hypocrisy and a farce. And the blacks are the ones who were duped and bought the lie, and therefore believed that integration as a goal was desirable and workable. It is understood and known, by the Proposition 14 election and other trends around the country, that really the whites don't want integration because they still run from the neighborhood when a black moves in or a brown moves in or a brown goes to school or a black goes to school. They are saying, therefore, facing this reality, why not take the two communities as they are and develop the resources of the black and brown community to the same level that the resources have been developed in the white community. This is one aspect of it. The other aspect of it is that the whites have run their white communities and the whites have run the black and brown communities. That is, the head of the department stores and other agencies are usually white whether in the white community or the black and brown community. This position is now expressed that the black and brown should be the ones to determine who, whether he be black, white, or brown, runs the community. In other words, black control, or brown control, not that all the persons will be brown or black, but that the decisions related to those persons holding such positions would be made by the black or brown community. This, to me facilitates the understanding or what the fight is all about. One doesn't have to agree with it but I think it facilitates it.

What would you say then to the "wounded" white liberal?

I would say to understand what this position is and simply say when you cannot find elements in doing something that was traditional or old you simply shift gears. Ask the question, how can I still remain relevant with my commitment? And find new ways to still do your thing, in promoting the same kind of commitment eventually that you were promoting all of the time. Specifically, support the black groups, support the brown groups, in their new thrust. With the full understanding that they are saying this is only an interim kind of thing which it may or may not be. I hope that it is. I hope that after 5, 10, 15, 20, or 50 . . . some X period of years . . . that we together black and white and brown will say 'ok' now let's get down to this integration goal again.

You know this reminds me of the Sammy Davis, Jr., song. The lyrics go something like "I've got to be something to myself before I can be anything to anybody else." I've got to be me before I can be something to you. And this is, I think, what the black community is saying. We've got to have our pride and our identity and our organizations and our money and our own power before we can be anything to you.

Absolutely. And this business of identity, self-pride and building one's own image in a positive way, as opposed to the past, is all part of it. The typical way of articulating it, as you know, is the black and brown should do their thing in their own community and eliminate the vestiges of white racism in their communities and the whites go back to their communities and do their thing. And their thing should include educating whites to what the problems are over there but that the genesis of the problem lies in the white community. I happen to adhere to this as a strategy. Even with the present mood, for example I don't know of a way really to work it out. Now those of us who work as branch crossers, gap closers, will continue to work as we have worked. We have to be in a position to articulate both these philosophies, their opposition and work at closing the gaps as we do.

One last question. And take some time to reflect on it. From your professional viewpoint, from your 4½ years here in San Diego what kind of shape is the city in? And where is it going to go in the next few years in this area?

OK. On the one hand I think we are in a position to become that model city of the future that you hear me talk about so much, provided we can continue to keep conversations going, continue to keep the minorities by all means in their willingness to at least talk on an ongoing basis. And provided that the minorities can begin to feel the impact of the progress from the philosophical position transmitted into those incremental changes such as black principals, brown principals, brown counselors, black counselors, brown supervisors, more on the City Council, some on the Board of Supervisors, some on the board of education, not a token of a black man or a nigger or whatever they say, but some representation. Provided we can continue with these conditions, incremental changes, concrete visible changes, I think we can begin to really make the city a model city. But that's only a part of it. I can also see that when we're so close to making that a reality it also means if we flip the other way, we'd be indeed a suppressive, nasty area in which minorities live. I want to be blunt about this particular one. With as many John Birchers in our community, white citizen council members in our community, Minutemen in our community, and some others in our community that are so-called conservative, it doesn't take much to control or get control of our police department which is already suppressive in many instances. If there should be situations occurring which tend to make certain public officials feel that the only solution is suppression, we could be in real trouble. Do I make that point clear? If those incidents occur, which then crystallizes the entrenchment of the anti-so-called liberal element in our community and those forces are powerful enough to exercise control of our local government officials, if that should happen, and it's a possibility that it can, then I think we are in great danger of going backward. We are in great danger of making our city the kind of place that I see San Francisco State College represents in the northern part of our state.

Of course that's the danger that the whole country faces.

Precisely. And being in this conservative climate, it would be a tragedy should events and pressures convince some of our public officials that the only answer lies in the direction of suppression.

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Fifty people . . . black, brown and white. Men and women. Some young, cocky. Some older, a little wiser. Some enthusiastic. Some cynical. All with one thing in common: a future—a way out of lives clouded with hopelessness, uncertainty, alcoholism, prison records or unemployment.

Fifty people . . . the heartbeat of the New Careers Training Program sponsored by Self Help Through Neighborhood Leadership, Inc., and the University of California Extension.

The program, financed by the U.S. Department of Labor, is designed to give underprivileged members of the San Diego community on-the-job training. But it's not a "get 'em off the street and put 'em to work" plan.

The New Careers people will receive just that—new careers—not just jobs. Their training is twofold: they work four or five days a week for one of nine public or "human service" organizations in San Diego. Some work as aides for the fire department, the police department, the California Youth Authority and the probation or parole offices. Nine men are training to become correctional officers for the Honor Camp system. Several are education aides for the city schools. Others work for the social welfare and public health departments.

On their jobs, they work closely with regular employees and are paid accordingly.

The New Careers trainees not only work hard, they study hard, too, at classes offered especially for them by the University Extension. During the winter quarter which began Jan. 6, trainees will earn eight credits for "Social Work Methods," "Dynamics of Social Functioning" and "The Social Worker and the Client." Spring quarter they'll continue these courses and will add credit courses in "Criminology" and "The Culture of Poverty."

The New Careers people theoretically will train for two years and then receive permanent jobs with their respective agencies. However, they may take necessary employment exams whenever they feel ready. For example, the police department trainees may take the police exam at any time. Some of the Honor Camp trainees have already taken—and passed—tests to become assistant correctional officers.

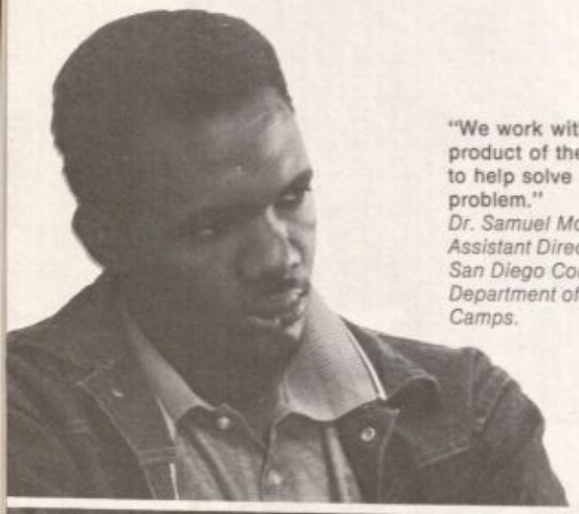
The program sounds good on paper, but in reality . . . what? Some of the trainees will undoubtedly drop out. Some will fall asleep in class. Some, only feigning interest, will think they're kidding the program, and will end up only kidding themselves.

But others will feel like Everett Posey who spent nine months in an Honor Camp for assaulting a policeman and who's now back again—as a New Careers assistant correctional officer. He said. "These people are giving us a chance—going out of their way to help us and it's our responsibility to turn around and give somebody else a hand."

And that's what the program's all about—a hand up instead of a handout so new hands can continue reaching back to help. —Carolyn Connelly

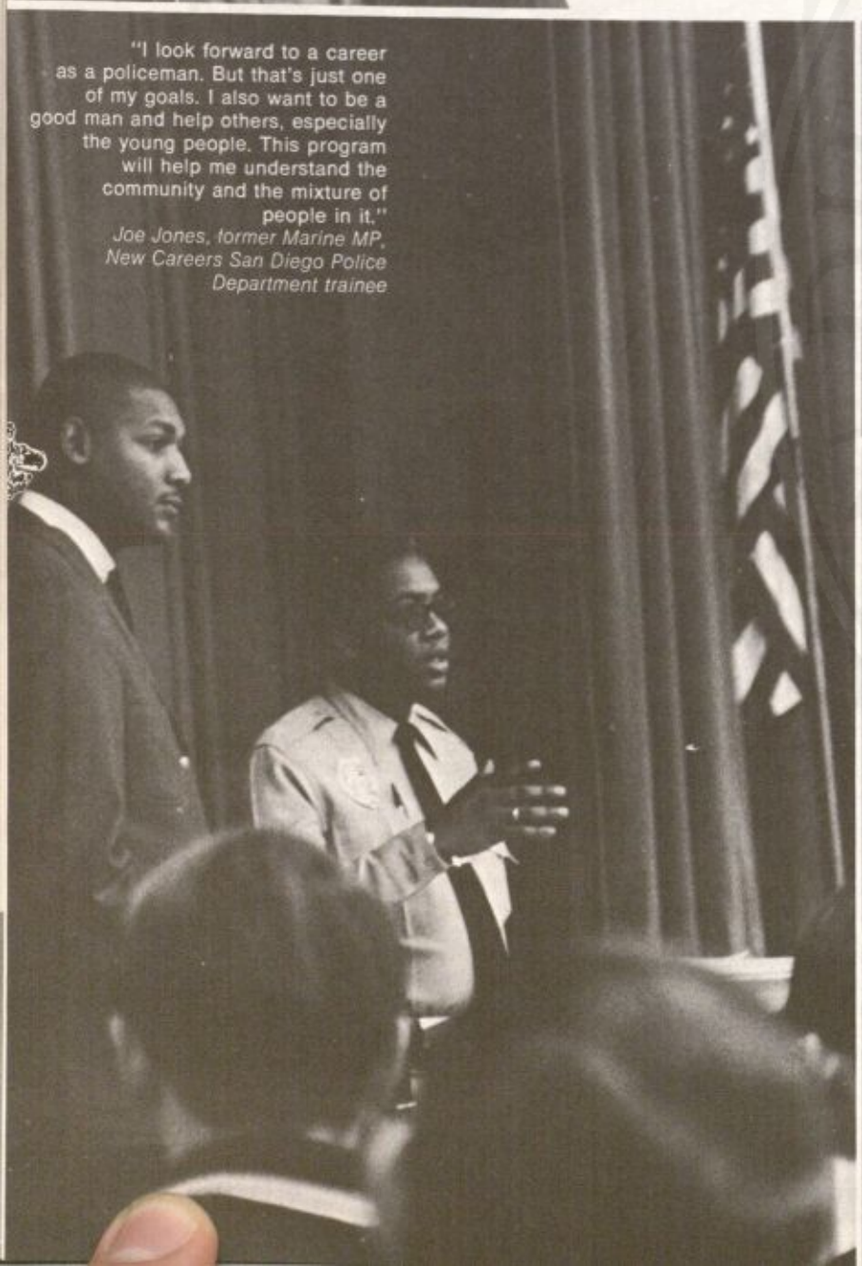
"The concept is beautiful . . . the problem is working the human factor into the concept."

Patrolman Jule L. Robinson,
San Diego Police Department
Community Relations



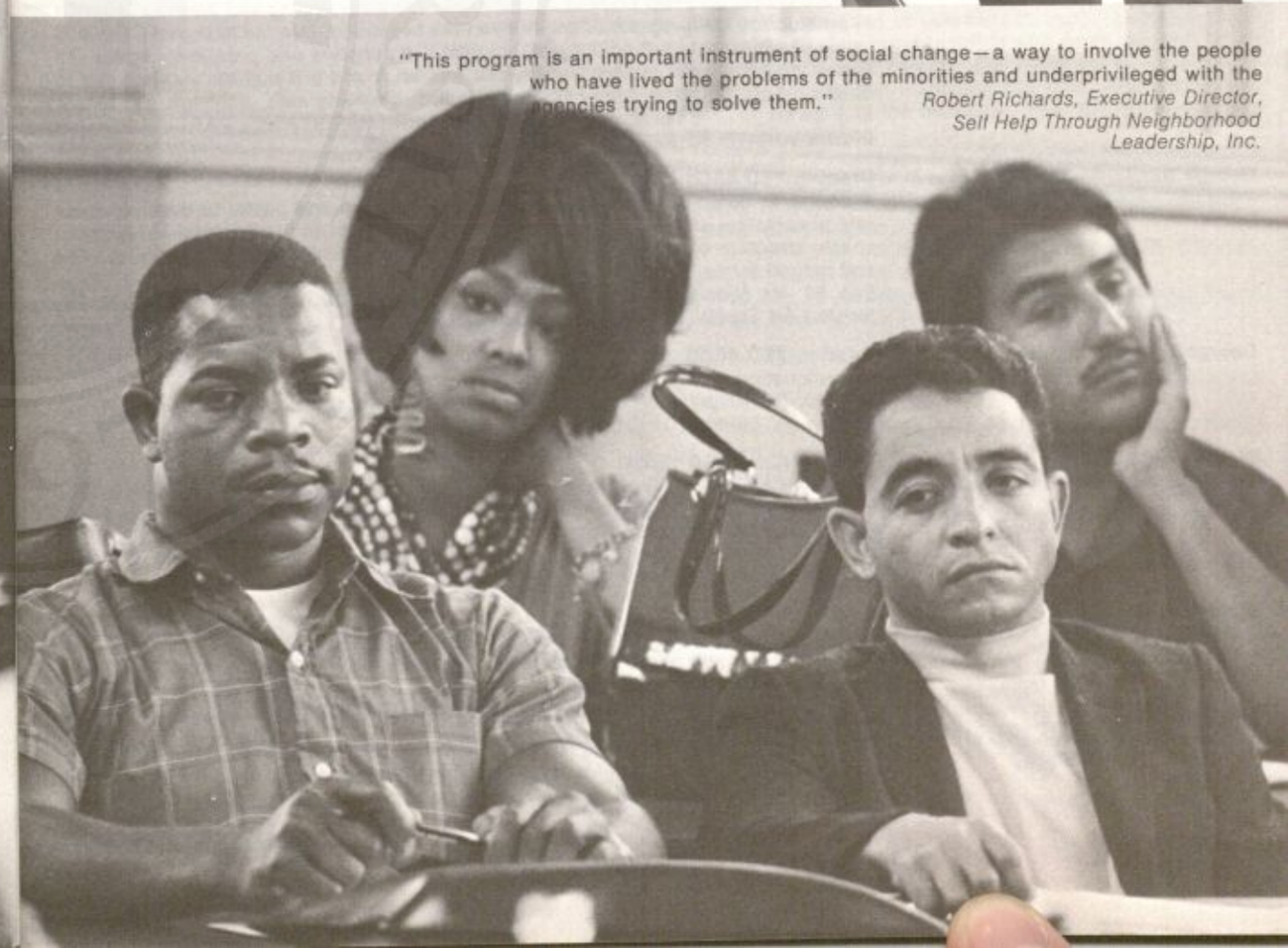
"We work with the product of the problem to help solve the problem."
Dr. Samuel Mock, Assistant Director of the San Diego County Department of Honor Camps.

"I think that the classes will be good but we've got some adapting to do. These people don't want a lot of theory. They want to learn practical techniques. Their big question is 'How do I know when I'm really reaching someone?' "
Robert W. Peer, New Careers social work instructor from San Diego State College



"I look forward to a career as a policeman. But that's just one of my goals. I also want to be a good man and help others, especially the young people. This program will help me understand the community and the mixture of people in it."
Joe Jones, former Marine MP, New Careers San Diego Police Department trainee

"In my position as an assistant correctional officer, I can see young men making the same mistakes I did. I lie awake nights thinking of ways to help them . . . to make them see the big picture; to have them realize the price they'll have to pay if they don't straighten out."
Everett Posey, former Honor Camp inmate, New Careers trainee



"This program is an important instrument of social change—a way to involve the people who have lived the problems of the minorities and underprivileged with the agencies trying to solve them."
Robert Richards, Executive Director, Self Help Through Neighborhood Leadership, Inc.

General Course Descriptions

Anthropology

Robert M. Carmack, Ph.D.
Assistant Professor of Anthropology, UCSD

Mexico and Guatemala: A Culture History of Middle America X 420(3)
A lecture course (with slides for illustration) summarizing and illustrating the history of culture in Middle America—primarily Mexico and Guatemala. Culture for the area will be traced from its beginnings in prehistoric times, to its indigenous florescence, and its form at the time of the conquest. The impact of Spanish culture on native culture will be examined, and the syncretized colonial culture of New Spain will be examined. Finally, national culture of Mexico and Guatemala will be examined, as well as the various sub-cultures found within the boundaries of these two nation states. Culture, as used in this course, refers to its anthropological sense (as the traditional way of life of a society of men). *See page 30 for details.* *Fee:* $45, credit; $30, non-credit.
Sec. 90: Mr. Carmack. Thur. 7-9:45 p.m. 10 meetings. Mar. 27-May 29. Sumner Auditorium, Scripps Institution of Oceanography, UCSD, La Jolla.

Art

The Extension Art Program
In cooperation with the La Jolla Museum of Art, 701 Coast Boulevard South, La Jolla. *The Extension Art Program is designed to provide a continuing and growing program in art studies. The program offers study at the beginning, intermediate and advanced levels. All classes are taught by highly qualified scholars and practicing artists.* All Extension Art Studio courses are divided into an A and a B quarter and in order to obtain credit, both the A and B sections must be completed, although all classes may be taken on a non-credit basis if desired. UNLESS STATED, PART A IS NOT A PREREQUISITE TO PART B.

George Nicolaidis, M.F.A.
Instructor, Southwestern College, Chula Vista

Drawing XSD 4A(2)
A course in basic drawing using pencil, charcoal, pen and pastel to develop accurate observation and skill in representation. Emphasis is on fundamentals of pictorial space, structure of forms, aesthetic content and draftsmanship based upon still-life and natural forms. *Fee:* $60.
Sec. 90: Mr. Nicolaidis. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

George Nicolaidis, M.F.A.

Drawing XSD 4B(2)
A continuation of XSD 4A. *Fee:* $60.
Sec. 90: Mr. Nicolaidis. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Eleanor Antin, B.A.
Artist, Solana Beach

Drawing (Life) XSD 10A(2)
Beginning course in figure drawing. Emphasis upon anatomy, figure structure, pictorial space, draftsmanship and content as related to drawing from the human body. *Fee:* $67.50 (includes model fee).
Sec. 90: Mrs. Antin. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 11. Studio A, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Eleanor Antin, B.A.

Drawing (Life) XSD 10B(2)
A continuation of XSD 10A. *Fee:* $67.50 (includes model fee).
Sec. 90: Mrs. Antin. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 11. Studio A, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

William F. Bowne, M.A.
Painter; Assistant Professor of Art, San Diego State College, San Diego

Painting XSD 11A(2)
A beginning course in painting in oil or acrylic medium. A continuation of draftsmanship and further development of art concepts as related to tonal painting based upon the still-life. Emphasis upon media, canvas or board preparation and brushing. *Fee:* $60.
Sec. 90: Mr. Bowne. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Studio A, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

William F. Bowne, M.A.

Painting XSD 11B(2)
A continuation of XSD 11A. *Fee:* $60.
Sec. 90: Mr. Bowne. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Studio A, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

John A. Baldessari, M.A.
Painter; Lecturer in Visual Arts, UCSD

Painting XSD 110A(2)
Advanced drawing and painting. Any medium or subject with emphasis on interpretation and individual expression. The exploration of historical as well as the newly developed paint materials and techniques will form an integral part of the course with variations in content depending upon the individual aims of the instructors in charge. *Prerequisite:* Nature of Visual Arts UCSD 12A, 12B, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Baldessari. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Studio A, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

John A. Baldessari, M.A.

Painting XSD 110B(2)
A continuation of XSD 110A. *Fee:* $60.
Sec. 90: Mr. Baldessari. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Studio A, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Robert V. Berg, M.F.A.
Assistant Professor, San Diego State College, San Diego

Printmaking XSD 120A(2)
Engraving, etching, drypoint, aquatint, softground, woodcut and mixed media. Traditional and experimental studies. Fine printing. The class will emphasize various aspects of the intaglio processes. Pictorial elements will be stressed along with technique. *Fee:* $60.
Sec. 90: Mr. Berg. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Robert V. Berg, M.F.A.

Printmaking XSD 120B(2)
A continuation of XSD 120A. *Fee:* $60.
Sec. 90: Mr. Berg. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Arline M. Fisch, M.A.
Associate Professor of Art, San Diego State College, San Diego

Creative Handweaving—Beginning X 400(3)
An introduction to fundamental weaving techniques using traditional and contemporary methods. Studies in basic design and structure of fabrics, rugs, tapestries, wall hangings, and other woven forms. Original work using a wide variety of materials in experimental projects. *Fee:* $45.
Sec. 90: Miss Fisch. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Rm. 350, Roosevelt Jr. H.S., San Diego.

Rhoda L. Lopez
Ceramist, La Jolla

Ceramics X 404A(2) (Formerly: XSD 130A)
An analysis of form, function and decoration in ceramics through creative exploration of basic methods of clay construction, hand building with emphasis on the use of the potter's wheel. Experimentation with ceramic raw materials is stressed, together with techniques of firing, glazing and managing the kilns. *Prerequisite:* Art UCSD 4A, 4B, or equivalent, or consent of the instructor. *Fee:* $70 (includes most materials, firing and use of equipment).
Sec. 90: Mrs. Lopez. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.
Sec. 91: Mrs. Lopez. Tue. 9 a.m.-12 m. 12 meetings. Mar. 25-June 10. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.
Sec. 92: Mrs. Lopez. Thur. 9 a.m.-12 m. 12 meetings. Mar. 27-June 12. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.
Sec. 93: Mrs. Lopez. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Rhoda L. Lopez

Ceramics X 404B(2) (Formerly: XSD 130B)
A continuation of X 404A. *Fee:* $70 (includes most materials, firing and use of equipment).
Sec. 90: Mrs. Lopez. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.
Sec. 91: Mrs. Lopez. Tue. 9 a.m.-12 m. 12 meetings. Mar. 25-June 10. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.
Sec. 92: Mrs. Lopez. Thur. 9 a.m.-12 m. 12 meetings. Mar. 27-June 12. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.
Sec. 93: Mrs. Lopez. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Ceramics Studio, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

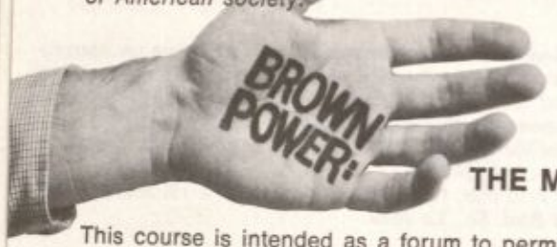
NOTE: Students in the University Extension ceramics classes will hold their bi-annual ceramics sale in the La Jolla Museum patio on Saturday, June 7 from 9 to 1.

William F. Bowne, M.A.
Painter; Assistant Professor of Art, San Diego State College, San Diego

Workshop in Painterly Process X 405.1(1)
Six consecutive experiences in painting, stressing process and structure. Clear and complete organization of means, rapid and spontaneous beginnings, a range of markings, stress upon positioning and shape-size relating. Emphasis upon function of ground in structuring visual field. *Fee:* $30.
Sec. 90: Mr. Bowne. Fri. & Sat. F: 6-10 p.m. ; S: 9 a.m. - 1 p.m. 6 meetings. Mar. 28-June 7. Imperial Valley College, Imperial.

"It is our belief, as representatives to the Urban Coalition, that the business, welfare, academic, and political community have always been insensitive, indifferent, unaware, and uninformed of the Mexican-American people, their problems and the reasons for their alienation from the mainstream of American society."

Excerpt from the statement of the Brown caucus
at the San Diego Urban Coalition Workshop
of November 21, 1968



THE MEXICAN-AMERICAN'S BID FOR JUSTICE

Sociology X 431(3)

This course is intended as a forum to permit representative Mexican-Americans to speak out on the issues of "brown power" in order to inform and sensitize those who come to listen and to ask questions. Discussions will focus on goals and strategies, problems and solutions.

March 24 HOW THE SYSTEM CRUSHES: "TWO PERSONAL TESTIMONIES."
Jose Becerra, Citizens Interracial Council
Juan Gomez, Assistant Professor of History, San Diego State College

March 31 CHICANOS SPEAK OUT: "WHAT WE WANT AND HOW WE PLAN TO GET IT."
Arturo Serrano, Brown Berets
Albert Urista, Mexican-American Youth Association
George Gonzalez, Mexican-American Youth Association
Irma Hernandez, Mexican-American youth organizer
Carlos Legrete, United Farm Worker organizer, Brown Beret, Mexican-American Youth Association.

April 7 CORRECTING THE FALSE STEREOTYPES: A HISTORY DENIED (OR DESTROYED).
Dr. Octavio Romano, Assistant Professor of Behavioral Sciences, School of Public Health, University of California, Berkeley.

April 14 FAILURE OF THE SCHOOLS: SOME PROPOSALS FOR EDUCATIONAL REFORM.
Uvaldo Palomares, teacher and educational reform consultant on bilingual material
Bert Rivas, Educational Opportunity Director, San Diego State College
Gracia Molina de Pick, Mesa College
Tio Eddie, elementary teacher, Imperial Beach

April 21 BARRIO ECONOMY: A TALE OF DISCRIMINATION AND EXPLOITATION—RURAL AND URBAN.
Fred Martinez, labor representative
Max Hernandez, Director of S.E.R. project
Jessie Ramirez, Assistant Director, Mexican-American Advisory Committee, OEO
Tony Mendez, labor organizer and Director of the Credit Union, United Farm Workers, Delano

April 28 POVERTY AND WELFARE: THE VICIOUS CYCLE
Ruben Dominguez, Assistant Project Director, Neighborhood House
Marta Schlatter, Director, Southeast Family Services; Assistant Professor, School of Social Work, San Diego State College
Maria Sardinas, Assistant Professor, School of Social Work, San Diego State College

May 5 POWER OF THE VOTE: ANOTHER "SLEEPING GIANT"
Carl Vasquez, President of UMAS, Los Angeles
Robert Tapia, President of Mexican-American Political Association
Bert Corona, Past President, Mexican-American Political Association

May 12 ALLIANCES AND COALITIONS
Tom Johnson, President, NAACP
Homer Delawie, architect, AIA
Kenny Denmon, Black Panthers
Martin Bloom, CURE representative

May 19 OTHER COMMUNITY ISSUES
Dr. Edward Aguirre, San Diego State
Gloria Gonzalez, Imperial Beach C.A.C.
Ray Cazares, MAYA President, San Diego State College
Rosemary Garcia, CSO organizer

May 26 THE FUTURE OF CHICANO POWER: THE MOVEMENT — REFORM OR REVOLUTION?
Joe Razzo, Chicano Legal Defense Fund
Gustavo Segade, Assistant Professor of Spanish, San Diego State College; advisor, MAYA, San Diego State

Coordinator: Frank Saiz, Community Relations Consultant. 10 meetings; 3 units; $45 credit; $30 non-credit; Mondays, 7-9:45 p.m. Sumner Auditorium, Scripps Institution of Oceanography, 8602 La Jolla Shores Drive, UCSD, La Jolla. (See also page 46)

Uninstructed laboratory sessions will be held in drawing, painting and clay modeling from models. Enrollment is limited (834).
Sec. 90: Mon. 10 a.m.-1 p.m. 10 meetings. Mar. 24-May 26. Studio A, Extension Art Studio. Fee: $10 (does not include model fee).
Sec. 91: Wed. 1-4 p.m. 10 meetings. Mar. 26-May 28. Studio A, Extension Art Studio. Fee: $10 (does not include guest lecturers' fees). Emphasis will be on advanced painting only.

Rosalind G. Wholden, M.A.
Lecturer in Visual Arts, UCSD

Introduction to Art XSD 1A(4)
Fundamental aspects of the visual arts. Introduction to problems in art history, aesthetics, and other conceptual material relevant to the visual experience. *Fee:* $60, credit; $45, non-credit.
Sec. 90: Miss Wholden. Thur. 9 a.m.-12 m. 12 meetings. Mar. 27-June 5. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Nathan Shapira, Dottore in Architettura
Associate Professor of Art, UCLA

20th Century Italian Design and Architecture XL 111(4)
A comprehensive survey of significant developments in design and architecture of Italy during the twentieth century; particular emphasis to the period following the second World War. *Fee:* $230 (does not include travel costs). *Sec. 90: Mr. Shapira. May 10-June 7. On board ship (Michelangelo) and throughout Italy.*

David Antin, M.A.
Assistant Professor of Visual Arts, UCSD

Survey of 20th Century Art X 409(3)
An overall coverage of Western European Modernism viewed as a series of intersecting attitudes and ideas finding expression in painting, sculpture, theater, poetry, happenings and music. *Fee:* $45.
Sec. 90: Mr. Antin. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 21. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Jimmy R. Pendley, M.S.
Biology-Chemistry Instructor, Imperial Valley College, Imperial

Principles of Photography X 412(3)
The basic theory, techniques, and skills of photography. Consideration will be given to factors involved in taking photographs such as correct usage of cameras and lenses, determination of exposure, usage of different types of films and filters, lighting, principles of art, and legal aspects of photography. Print production will be covered by sections on darkroom techniques, photographic chemicals, development of film, contact printing and enlargement technique. The student should be able to obtain an adjustable camera for assignment work. *Fee:* $45. *Sec. 90: Mr. Pendley. Fri. 7-10:15 p.m. 8 meetings. Mar. 28-May 23. Imperial Valley College, Imperial.*

John F. Waggaman II
Photographer, La Jolla

Photography: A Way to Expand the Ability to See X 413(3)
An esthetic and practical approach to making pictures. Class discussion and criticism. Specific assignments stressing composition, organization of images and emotional values using architectural, portrait, scenic and still-life subjects. Technical problems discussed and personal attention given. *Enrollment is limited. Fee:* $45.
Sec. 90: Mr. Waggaman. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 20. Rm. 1108, Humanities-Library Bldg., UCSD, La Jolla.

John F. Waggaman II

Photography: A Way to Expand the Ability to See—Intermediate X 413A(3)
A continuation of X 413. *Prerequisite*: Photography: A Way To Expand the Ability To See X 413, or equivalent, or consent of instructor. *Enrollment is limited. Fee:* $45.
Sec. 90: Mr. Waggaman. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 21. Rm. 1108, Humanities-Library Bldg., UCSD, La Jolla.

Art in Elementary Schools, Part I X 324.7(3), Three Dimensional Art in Elementary Education X 324.76(3) See Education, page 24.

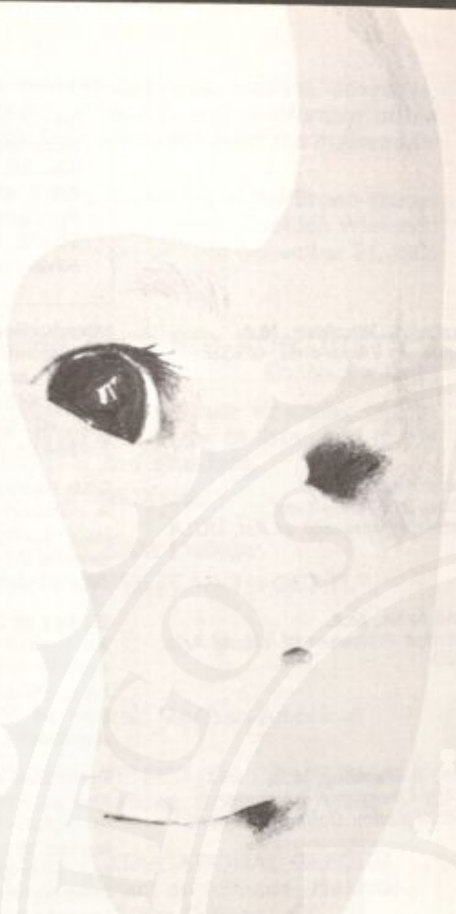
Biology

Ruth Epstein, M.A.
Research Technician, Salk Institute, La Jolla

Introduction to Physiology X 410(3)
A basic course devoted to the study of general physiology drawing examples from both plants and animals. Designed to demonstrate the nature of physiological characteristics at the cellular and biochemical level and from the standpoint of their ecological necessity. Topics treated include water balance, osmotic concentration, temperature regulation, nutrition, respiration, ceural and hormonal integration, reproduction, size, development, aging, parasitism, and cell structure and function. Emphasis will be given to examples encountered in our daily life. *Prerequisite:* At least an elementary course in college chemistry, and biology or zoology, or equivalent, or consent of the instructor. *Fee:* $45.
Sec. 90: Miss Epstein. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 1166, Humanities-Library Bldg., UCSD, La Jolla.

Introduction to New Directions in Biology X 415(3)
Ten lectures delivered by ten health professionals will inform the general public of the direction being taken in the field of biology. Speakers represent UCSD School of Medicine and Department of Biology, Scripps Institution of Oceanography and the Salk Institute for Biological Studies. *See page 23 for details. Fee:* $45, credit; $30, non-credit.
Sec. 90: Tue. 7-9:45 p.m. 10 meetings. Mar. 25-May 27. Auditorium, University Hospital of San Diego County, 225 W. Dickinson St., San Diego.

"Parents have in their hands, in the preschool years, the power to determine the future capability and success of their children."



GROWTH OF THE MIND

Psychology X 406(3)

When asked in what three years man learns most, Darwin was reported to have said, "The first three." This course is directed to parents and those teachers who determine how enriching those first three years will be for the child. The course will explore how parents can assure a higher mental capacity for their children before they enter school and how parents and teachers influence future capabilities and success of children.

Coordinator: Mrs. Hilda Grey, R.N., Preschool Teacher

March 26 ATTEMPT OF PRENATAL CARE TO WAYLAY NEUROLOGICAL DISORDERS
Paul H. Brenner, M.D., Obstetrics and Gynecology

April 2 NATURE VERSUS NURTURE
Dan L. Lindsley, Jr., Professor of Biology, UCSD

April 9 EARLY SENSORY ABILITIES
Harry Munsinger, Ph.D., Associate Professor of Psychology, UCSD

April 16 MEDICAL EVALUATION OF MINIMAL BRAIN DISFUNCTION
Kenneth Bachman, M.D.

April 23 HOW EMOTIONAL ATTACHMENTS AFFECT INTELLECTUAL DEVELOPMENT
Keith Bryant, M.D., Psychoanalyst

April 30 CRITICAL PERIODS FOR INTELLECTUAL DEVELOPMENT
Harry Munsinger, Ph.D., Associate Professor of Psychology, UCSD

May 1 CROSS-CULTURAL VARIATIONS IN EARLY INTELLECTUAL EXPERIENCE
Vivian Rohrl, Ph.D., Assistant Professor of Anthropology, San Diego State College.

May 14 LEARNING TO HEAR AND SEE
Bruce Barr, Administrator, San Diego Counseling Service
(Child Development Testing and Training), assisted by Dr. Ralph E. Schrock and Carmen Dixon

May 21 BASIC PRINCIPLES IN TESTING: PROBLEMS IN TESTING PRESCHOOL CHILD
Evans Anderson, Ed.D., Professor of Educational Psychology, San Diego State College.

May 28 PROPER NUTRITION IN THE PRESCHOOL YEARS
Kathleen Burke, Director, San Diego County Head Start Program.

10 Meetings; 3 Units; $45 credit; $30 non-credit
Wednesday 7-9:45 p.m.; beginning March 26; Auditorium, University Hospital of San Diego County, 225 W. Dickinson Street, San Diego. (See also page 40)

Botanical Sciences

Walter F. Whitmann, M.A.
Chairman, Department of Biological Sciences, Grossmont College, El Cajon

Identification of Native Flora X 401(3)
Major groups of plants of Southern California with emphasis on laboratory and field recognition of prominent plants of desert, chaparral, and weedy fields. *Fee:* $45.
Sec. 90: Mr. Whitmann. Sat. 9 a.m.-12 m. 9 meetings. Mar. 22-May 24. Rm. 305, Grossmont College, 8800 Grossmont College Dr., El Cajon.

Business Administration

Johnn C. Fullmore, Jr., M.B.A.
Assistant to Director, University Hospital of San Diego County, San Diego

Managerial Accounting XL 120M(4)
Basic concepts of accounting; procedures for financial reporting; systems and internal control; cost estimates, budgets; interpretation of administrative reports. *Prerequisite:* Elementary Accounting UCLA 1A and 1B, or equivalent, or consent of instructor. Students who have credit for Intermediate Accounting 120A and B will not receive credit for this course. *Fee:* $60.
Sec. 90: Mr. Fullmore. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 355, Roosevelt Jr. H.S., San Diego.

Daniel J. Gilvary, M.B.A.
Lieutenant Commander, Navy Exchange Officer, U.S. Navy, Naval Air Station, Miramar

Elements of Marketing XL 160(4)
A survey of the major marketing methods, institutions, and practices. The subjects of retailing, wholesaling, distribution channels, marketing legislation, advertising, cooperative marketing, pricing, marketing research, and marketing costs are treated from the standpoint of consumers, middlemen, and manufacturers. *Fee:* $60.
Sec. 90: Mr. Gilvary. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 358, Roosevelt Jr. H.S., San Diego.

Melinda S. Sprague, M.S.
Research Associate, Center for Studies of the Person, La Jolla
David K. Chigos, M.A.
Education Specialist, Convair Division of General Dynamics, San Diego

Leadership Principles and Practice XL 182(4) (Formerly: XL 152)
Knowledge and skills leading to effectiveness in interpersonal relations. Understanding oneself as a leader, and others as individuals and as members of working groups. Understanding of group process, including group leadership. Lectures and "sensitivity training" laboratory. *Enrollment is limited. Advance enrollment is recommended. No refund will be made after the course begins. Fee:* $60.
Sec. 90: Mrs. Sprague. Fri., Sat. & Sun. F: 7-10 p.m.; S & S: 9 a.m.-5 p.m. 6 meetings. Apr. 11-Apr. 27. Rm. 111A, Matthews Campus, UCSD, La Jolla. Class will meet Apr. 11, 12, 13, 25, 26, and 27.
Sec. 91: Mr. Chigos. Fri. & Sat. F: 5-9 p.m.; S: 8 a.m.-5 p.m. 6 meetings. Mar. 21-Apr. 26. Executive Presentation Rm., Bldg. 2, Convair Division of General Dynamics, Kearny Mesa Facility, San Diego. Class will meet Mar. 21, 22, Apr. 11, 12, April 25, 26.

Herbert J. Swanson, LL.B.
Business Development & Engineering Consultant, H. J. Swanson Associates, El Cajon

Elements of Government Contract Administration X 408.01(4) (Formerly: Government Contract Administration X 409)
Basic contract law, including the formation of and performance of contracts, along with rights and remedies. Emphasis on peculiarities of Government Contract law. The forms of U.S. government contracts and the advantages and disadvantages of each. The Armed Services Procurement Regulations, emphasizing sections III and XV. Practical problems related to the preparation of a proposal. Negotiated procurement distinguished from advertised procurement. The negotiation of a government contract and a review of the characteristics of performance—changes in scope and terminations. Other current problems. *Fee:* $60.
Sec. 90: Mr. Swanson. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 11. Grossmont H.S., Murray Drive, La Mesa.

Herbert J. Swanson, LL.B.

Proposal Preparation X 408.02(4)
For contract administrators, personnel in estimating, program and engineering management, purchasing, and marketing, or persons preparing for these functions. Preparation of effective management, technical, and cost proposals. Cradle-to-grave analysis of the RFP. Techniques for customer and internal proposal evaluation. Special problems of current interest such as Program Definition Phase, Package Procurement, Systems Program Management 375 Series Regulations, and various types of procurement and incentive contracts currently utilized. Student teams will review proposal procedures, develop strategy, prepare necessary proposals, documents and planning devices, and write the proposal. *Fee:* $60.
Sec. 90: Mr. Swanson. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Grossmont H.S., Murray Drive, La Mesa.

Charles K. Twohey, B.B.A.
Supervisor, Data Systems and Programming, Convair Division of General Dynamics, San Diego

Methods and Procedures for Information Systems X 413.11(4)
In-depth treatment of techniques for interfacing and disciplining human resources to the requirements of system development and implementation in a computer environment. Planning the systems study. Control and management of systems assignments. Implementation planning. Detailed examination of the fact gathering and recording process. Classroom dissection of an existing system by applying techniques for descriptive analysis, work simplification, creative model building, synthesis, evaluation analysis. The difference between methods, procedures and policy. The forms management cycle from authorship to destruction. Dependency between organizations and procedures. Evaluating standards of work. Time of performance and quality of performance under differing methods and procedures. Economic evaluations. Experience in presenting and writing a proposal. Various approaches to methods and procedure documentation. A course in business procedures concepts, theory, and experience. *Prerequisite:* Introduction to Information Management X 413.1, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Twohey. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Gate 2, Bldg. #8, off Barnett, Marine Corps Recruit Depot, San Diego.

Charles K. Twohey, B.B.A.

Integrated Information Systems X 413.12(4)
The nature of business systems, relating systems technology to business practice. Application of systems concepts to the basic managerial functions of planning, organizing, and controlling the various elements of the enterprise; the role of communications in the pursuit of these functions. Emphasis on systems implications of managerial policy formulation and determination of organizational goals and objectives. Techniques in the determination of application boundaries, the design of operationally integrated systems, and the implementation of computer-based information schemes. Special attention to the problems encountered in effecting the totally integrated business system. Hardware and software requirements for the implementation of on-line/real-time data base systems — multiprogram monitors and executive operating routines, mass storage devices and distant data terminals. NOTE: Students must be present by 5:00 p.m. in the lobby of main building to be admitted to class. *Prerequisite:* Methods and Procedures for Information Systems X 413.11 or equivalent background established by passing a qualifying examination administered at the first class meeting. *Fee:* $60.
Sec. 90: Mr. Twohey. Mon. 5-8 p.m. 12 meetings. Mar. 24-June 9. Rm. 7, Bldg. 17, Convair Division of General Dynamics, Kearny Mesa Facility, San Diego.

Robert W. Swanson, B.S.
Manager, Computer Center, San Diego State College, San Diego
John A. Hicks, B.S.
Data Systems — Applied Programming Specialist, Convair Division of General Dynamics, San Diego
Frederick D. Schwend, B.S.
Data Systems Supervisor, Convair Division of General Dynamics, San Diego

Introduction to Information Processing and Computer Programming X 413.20(4) (Formerly: X 413.2)
Study of the fundamental concepts and terminology of information processing and computer programming. The various types of processing equipment, emphasizing computers. Study of input, processing and output. Such concepts as procedural logic, programs and programming, machine processibility, data formating, computer memories and storage. The student will acquire an understanding of information processing theory and techniques and obtain experience with these concepts by writing and debugging a program which will be run on a computer.
Sec. 90: Mr. Swanson. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 11. Rm. 355, Roosevelt Jr. H.S., San Diego. Fee: $65 (includes computer time).
Sec. 91: Mr. Hicks. Tue. 5-8 p.m. 12 meetings. Mar. 25-June 10. Rm. 8, Bldg. 14, Convair Division of General Dynamics, Lindbergh Field Facility, San Diego. NOTE: Students must be present by 5:00 p.m. in the lobby of the main building to be admitted to class. *Fee:* $60.
Sec. 92: Mr. Schwend. Thur. 5-8 p.m. 12 meetings. Mar. 27-June 12. Rm. 7, Bldg. 17, Convair Division of General Dynamics, Kearny Mesa Facility, San Diego. NOTE: Students must be present by 5:00 p.m. in the lobby of main building to be admitted to class. *Fee:* $60.
Sec. 93: Mr. Swanson. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Imperial Valley College, Imperial. Fee: $60 (computer time, if desired, by individual arrangement).

John A. Hicks, B.S.

COBOL X 413.30(4)
A study of the COBOL English language compiler including history, development, and present status. Stored program concept and machine language programming briefly discussed. Programming in COBOL as it applies to various configurations of computer systems. Detailed exploration of the potential of COBOL as a precise man-to-man, as well as man-to-machine, communications medium. NOTE: Students must be present by 5:00 p.m. in the lobby of main building to be admitted to class. *Prerequisite:* Introduction to Information Processing and Computer Programming X 413.20, or Electronic Computers in Business UCLA 113A, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Hicks. Wed. 5-8 p.m. 12 meetings. Mar. 26-June 11. Rm. 7, Bldg. 17, Convair Division of General Dynamics, Kearny Mesa Facility, San Diego.

AMERICAN POLICY TOWARD CHINA: DOES IT NEED CHANGING?

A ONE-DAY CONFERENCE, Saturday, May 3, 1969, 9 a.m. to 4:15 p.m.

AN EXERCISE IN PARTICIPATORY DEMOCRACY: As citizens we are privileged to criticize the U.S. State Department's policy decisions—and to praise them. We are not always privileged to understand the reasons for these policies, or to advise what these policies shall be. The Second China Conference AMERICAN POLICY TOWARD CHINA: DOES IT NEED CHANGING? places the audience in the position of the State Department, presents arguments and potential problems, and lets the audience make the "agonizing decision."

The First China Conference PAPER TIGERS AND DRAGON TAMERS enrolled 388 persons, but turned away an even larger number. The Second China Conference is *limited to 300.*

Designed and Coordinated by: DR. ARMIN RAPPAPORT, Professor of History and Chairman of the Department, Provost of the Third College, UCSD.

Featured Speakers: DR. CLAUDE A. BUSS, Professor of History, Stanford University
LT. GEN. VICTOR KRULAK, USMC (Ret.), President, Copley News Service; Vice President, Copley Newspaper, Inc.

Facilitators and Group Leaders: Twenty top graduate students in the subject fields from Berkeley, Stanford, and UCLA.

PLACE: Room 2722, Undergraduate Science Building, Revelle Campus, UCSD.

Fee: $10, including an interesting box lunch and beverage.

Thomas B. Brereton, M.S., C.D.P.
Computer Specialist, Fleet Computer Programming Center, San Diego

Introduction to Real-Time Computer Systems X 413.480A(4)
Survey of military and commercial real-time systems. Introductory concepts, terminology, and techniques underlying multi-programming and multi-processing systems. Reliability and standby configurations. Application, supervisory and support programs. Communications system. Hardware and software requirements. Processor and memory organization. Random and sequential access storage and I/O devices. System test, conversion and implementation. To acquire an understanding of real-time control, a system design project is developed. *NOTE: Not open for credit to students who have received credit for Design of Large-Scale Real-Time Computer Systems X 413.480. Prerequisite:* Introduction to Information Processing and Computer Programming X 413.2, equivalent experience, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Brereton. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 358, Roosevelt Jr. H.S., San Diego.

Johnn C. Fullmore, Jr., M.B.A.
Assistant to Director, University Hospital of San Diego County, San Diego

Accounting for Managers X 429(4)
Designed to give managers who are not accounting majors the background necessary for correct interpretation of accounting data. Illustrative problems are used which do not emphasize the mechanics of accounting procedures. Accounting principles and practices followed in preparing income statements, balance sheets, budgets, tax returns, and cost reports. Services which company officials should expect from controllers. *Fee:* $60.
Sec. 90: Mr. Fullmore. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 355, Roosevelt Jr. H.S., San Diego.

Thomas W. Diehl, M.B.A.
Investment Banker, First California Company, San Diego

Investment Principles X 433.01(4) (Formerly: Investment Principles and Policies XL 133)
A general introduction to basic investment principles and analytical techniques. Financial instruments and institutions. Investment goals and policies. Interpretation of financial statements. The computer and investment analysis. Elementary statistics and financial mathematics. Valuation and selection of financial mathematics. Valuation and selection of fixed income securities. Valuation and selection of common stock. Relation of investment values to general economic conditions. Portfolio construction and management. This course is intended to parallel requirements of Chartered Financial Analysis Examination I. *Fee:* $60.
Sec. 90: Mr. Diehl. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 4. Rm. 462, Humanities-Library Bldg., UCSD, La Jolla.

H. Sheldon Campbell, M.A.
Vice President, Roberts, Scott & Company, Inc., San Diego
Thomas W. Diehl, M.B.A.

Personal Investments X 433.1(3) (Formerly: X 433)
A study of personal investment policy, the nature and value of corporate stocks and bonds, the securities markets, investment companies, public bonds, and savings institutions. Emphasizes the building of a personal portfolio. *Fee:* $45.
Sec. 90: Mr. Campbell. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 353, Roosevelt. Jr. H.S., San Diego. At least one meeting will be held in the offices of a local brokerage firm.
Sec. 91: Mr. Diehl. Fri. 7-9:45 p.m., Sat. 9-11:45 a.m. 10 meetings. Mar. 28-May 24. Imperial Valley College, Imperial. Note: Class will meet Mar. 28, 29, Apr. 11, 12, Apr. 25, 26, May 9, 10, May 23, 24.

James M. Jones, B.S.
Chief/Material Estimating, Convair Division of General Dynamics, San Diego

Principles of Cost Estimating X 442.90(4) (Formerly: X 442.9)
Techniques and skills for effective cost estimating of manufactured products. Estimating organizations and functions. Identification of cost elements, data sources, and their application to the estimate. Design, engineering, production planning, tooling, value analysis, and industrial engineering inputs for the estimate. Research and development, logistics and provisioning estimates. The use of standards, learning curves, and applicable math in estimating. The integration of electronic data processing equipment for developing cost estimating data. Reference to negotiations and contract types. *Fee:* $67 (includes text).
Sec. 90: Mr. Jones. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Rm. 356, Roosevelt Jr. H.S., San Diego.

John A. Bruhn, M.S.
Chief Deputy Assessor, San Diego County, San Diego

Introduction to Business Organization and Management X 491(4) (Formerly: X 494)
An introduction to the organization of modern business with emphasis on its functional components — production, finance, marketing, personnel, accounting — and their coordination. Policies and methods of organization in business enterprises of various types and sizes examined. *Fee:* $60.
Sec. 90: Mr. Bruhn. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 360, Roosevelt Jr. H.S., San Diego.

Byron F. White, LL.B.
Partner, White, Price, Froehlich & Peterson, Attorneys at Law, San Diego

Family Protection Through Wills and Trusts 808.5
Real and personal property—what to do before and after death to minimize taxes and protect heirs. Holding property in joint tenancy. Community property — disposition after a death. Wills — how they are written, what they accomplish. Who inherits when there is no will. Trusts — formation during life or by provision in the will, benefits to a survivor. *Fee:* $45.
Sec. 90: Mr. White. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 356, Roosevelt Jr. H.S., San Diego.

Stanford L. Brickner, B.S., J.D.
Partner, Law Firm of Block & Brickner, Fullerton
Winston P. Griepp, A.B., LL.B.
Attorney, Santa Ana

Incorporation for Physicians and Dentists 876
This one-day seminar is designed to relate the numerous tax and other advantages now available to the physician and dentist by incorporation, and to tell how to deal with some of the problems raised by the law.
Sec. 90: Mr. Brickner and Mr. Griepp. Sat. 9 a.m.-3:30 p.m. 1 meeting. Apr. 12. Brunner Palms Restaurant, 215 No. Imperial Ave., El Centro. Fee: $30 (includes luncheon and materials).

Interviewing and Counseling Techniques X 400(4) See Psychology, page 40.

Effective Public Speaking in Business and Industry X 420(3), Workshop in Communication Skills, Symbols, Values and Purposes X 442A(3) See Speech, page 46.

Dance

Winnifred Y. Robinson, A.B.
Instruction Consultant of Physical Education, San Diego City Schools, San Diego

Methods of Teaching Elementary and Intermediate Folk, Round, and Square Dances X 352A(3)
Demonstration and review of early American and recently developed couple dances, folk dances, and American squares, including step patterns for dances and fundamentals of square dance patterns and calls. Instructional materials, aids, and techniques for dance teachers, including practice in calling and instructing dances. *Fee:* $45.
Sec. 90: Miss Robinson. Mon. 7-9:30 p.m. 11 meetings. Mar. 24-June 9. Rm. 404, Roosevelt Jr. H.S., San Diego.

Economics

Thomas S. Carey, M.S.
Employee Relations Manager, Rohr Corporation, Chula Vista

Grievances and Arbitration X 157(4)
A specialized course devoted entirely to the techniques in handling grievances at all stages of negotiations, including presentation in arbitration. Study and discussion include analysis of current developments and recent outstanding decisions with respect to all phases of grievances and arbitration. *Prerequisite:* Labor Economics X 153, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Carey. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Rm. 307, Roosevelt Jr. H.S., San Diego.

John P. Venieris, M.A.
Assistant Professor of Economics, San Diego State College, San Diego

Contemporary Economic Issues X 412(3)
An analysis of some of the major issues of the day affecting our current economy. *Fee:* $45.
Sec. 90: Mr. Venieris. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 306, Roosevelt Jr. H.S., San Diego.

"If there ever was a land on the face of the earth—at any time, in any spot—in which the word 'establishment' does not apply, it is the United States."
Editorial, The Christian Science Monitor, Dec. 21, 1967

"It is now, of course, conceded by most fair-minded and objective authorities that there is an Establishment in America—a more or less closed and self-sustaining institution that holds a preponderance of power in our more or less open society."
Richard H. Rovere, The American Establishment, 1962 p. 3

"The Establishment is middle age in all its worst possible connotations—rigidity, stuffiness, lack of responsiveness to anything new."
High School Student, 1968

THE ESTABLISHMENT

SOCIOLOGY X 415(3)

This course attempts to determine if there is an Establishment in the United States and, if there is, *what* it is.

March 27 A SOCIOLOGIST'S VIEW OF THE ESTABLISHMENT IN THE U.S.
Dr. Howard Elinson, Assistant Professor of Sociology, UCLA

April 10 THE LOCAL ESTABLISHMENT. Case Study: San Diego
Dr. Aubrey Wendling, Professor of Sociology, San Diego State

April 17 THE POLITICAL ESTABLISHMENT
Dr. Melvin Crain, Professor of Political Science, San Diego State

April 24 THE CORPORATE ESTABLISHMENT
Mr. Kenneth Rearwin, Vice President, Merrill Lynch, Pierce, Fenner and Smith, San Diego

May 1 THE MASS MEDIA ESTABLISHMENT
Mr. Clinton McKinnon, Publisher

May 8 THE LABOR ESTABLISHMENT
Mr. R. R. Richardson, Secretary-Treasurer, San Diego County Labor Council, AFL-CIO

May 15 THE RELIGIOUS ESTABLISHMENT
The Rev. Leslie J. Atkinson, Chief Campus Pastor, UCSD

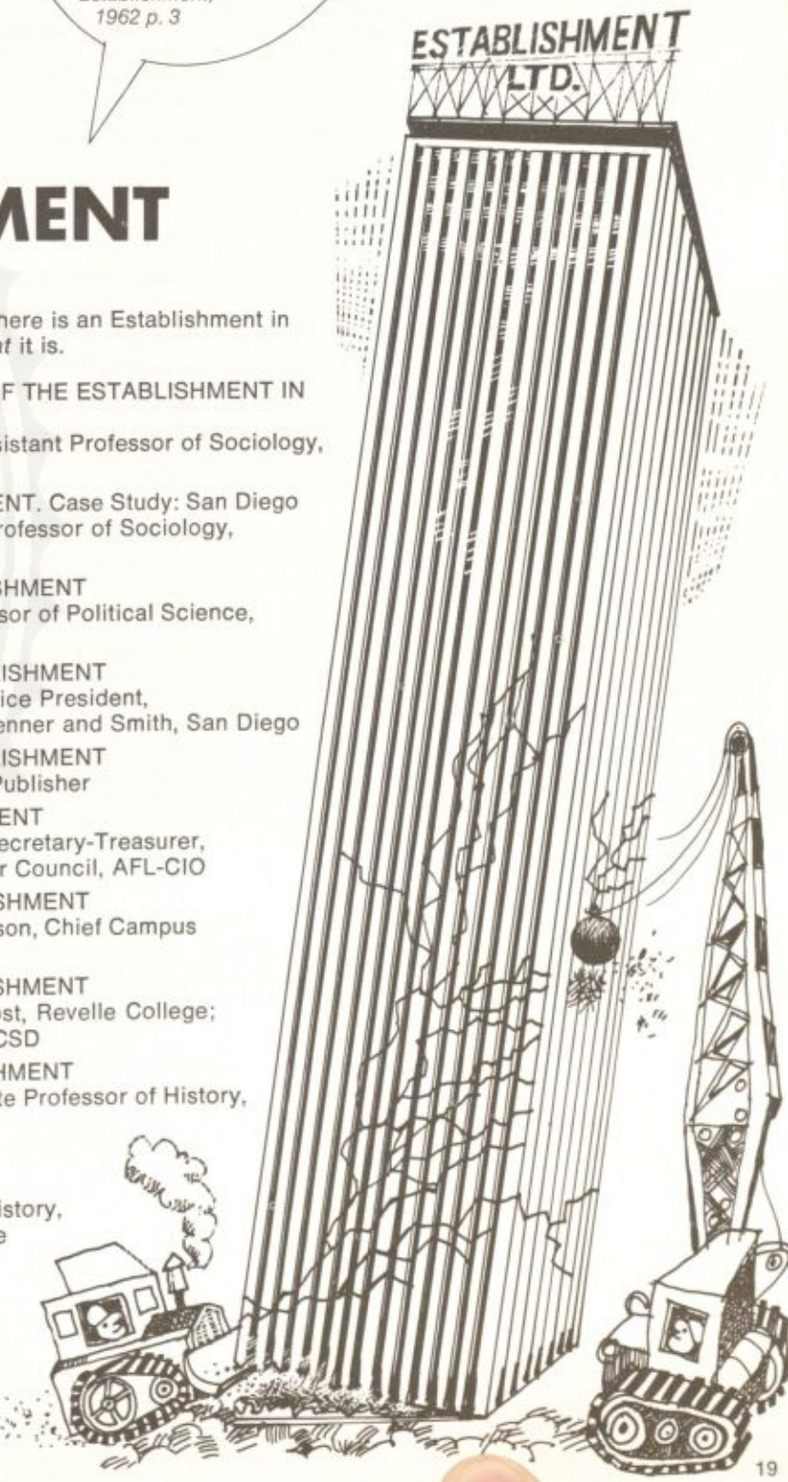
May 22 THE ACADEMIC ESTABLISHMENT
Dr. Paul Saltman, Provost, Revelle College; Professor of Biology, UCSD

May 29 THE MILITARY ESTABLISHMENT
Dr. Alvin Coox, Associate Professor of History, San Diego State

June 5 SHAKING UP THE ESTABLISHMENT
Mr. Melvin Steinfield, History, San Diego Mesa College

Coordinator: Mrs. Jean Hanchett

10 Meetings; 3 Units; $45 credit; $30 non-credit
Thursdays, 7-9:45 p.m.; Room 1105, Basic Science Building, School of Medicine, UCSD



Prerequisite for all X 300 courses unless otherwise stated: Employment as a teacher, teaching credential, or equivalent background.

Kenneth E. Venn, Ed.D.
Director, Pupil Personnel Services, Santee School District, Santee

Teaching Students the Process of Valuing X 308.15(3) (Developing Pupil Potential)
A forward look into education bringing the understanding of value theory into the classroom. An opportunity to personally explore the values people live by. A workshop in the application of value theory to teaching methods and techniques to help students better develop personal values for effective living in today's world. *Fee:* $45.
Sec. 90: Mr. Venn. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Rm. 307, Roosevelt Jr. H.S., San Diego.

Robert E. Nelson, Ed.D.
Assistant Professor in Special Education, San Diego College for Women, San Diego

Motivating the Resistant Learner, Part I X 312.24A(3)
Emphasis on methods for producing behavior change in resistant, inattentive and failure-prone students. Practice via case method, in applying appropriate learning theories to the behavior of specific individuals. *Fee:* $45.
Sec. 90: Mr. Nelson. Tue. 4-7 p.m. 9 meetings. Mar. 25-May 27. Mar Vista H.S., 1267-17th St., Imperial Beach.

Marlin W. Brossart, M.A.
Teacher, Escondido Union School District, Escondido

Simulations and Educational Games X 314.22(3)
A method of developing a child's observations and understanding. A study of the background, use, and construction of simulations and educational games. The emphasis will be on participating in simulations and constructing simulations for use in the classroom. This course will primarily be for intermediate and upper grade teachers. *Fee:* $45.
Sec. 90: Mr. Brossart. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Del Dios School, 1400 W. 9th Ave., Escondido.

Bettijane Mara, M.A.
Teacher-Therapist, CMH Hospital of San Diego County, San Diego

Parent-Child Interaction X 314.41(3) (Formerly: X 313.7)
Study of parent-child relationships in terms of current research and psychiatric knowledge about their importance in the development of the child's personality and learning potential. For teachers, nurses, social workers, and school guidance personnel. NOTE: *This course is an elective for the CORE program in Nursery and Early Childhood Education: Fee:* $45.
Sec. 90: Mrs. Mara. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Rm. 307, Roosevelt Jr. H.S., San Diego.

Kathleen C. Lochtefeld, M.A.
Teacher-Counselor, San Diego City Schools, San Diego
Carl W. Gorham, M.A.
Family Life Teacher-Counselor, San Diego City Schools, San Diego
Persida Drakulich, B.A., R.N.
Social Health Teacher-Counselor, San Diego City Schools, San Diego

Methods and Materials in Sex Education X 314.44(3)
Study of basic philosophies and objectives of existing sex education programs. Review and evaluation of usable audio-visual aids, texts and guides. Examination of state laws mandating sex education and their effects on developing programs. *Fee:* $45.
Sec. 90: Mrs. Lochtefeld, Mr. Gorham, Mrs. Drakulich. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 306, Roosevelt Jr. H.S., San Diego.

Mary J. Grigsby, M.A.
Senior Counselor, Fallbrook High School, Fallbrook
P

Human Interaction in Education X 314.5A(3)
Analysis of the ways people work together. Blocks to understanding and successful human relationships. Ways in which both individuals and groups may be helped to improve their relationships will be considered. *Enrollment is limited.* NOTE: *This course is an elective for the CORE program in Nursery and Early Childhood Education. Fee:* $45.
Sec. 90: Mrs. Grigsby. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Home of Mr. and Mrs. Paul Grigsby, 1773 Ivy Rd., Oceanside.

Bill E. Lindsay, M.A.
Guidance Counselor, San Diego City Schools, San Diego

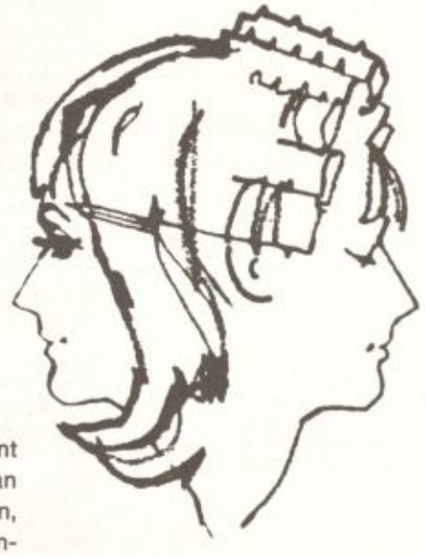
Counseling With the Disadvantaged X 314.9(3)
Counseling with the Disadvantaged is a course designed for counselors, teachers and others involved in providing counseling, guidance and other educational services to California school-age youth who may be classified as "disadvantaged" as a consequence of minority group membership and/or deprivation of middle class economic and social advantages. Sociological and psychological factors associated with minority sub-culture membership, low socio-economic status and deprivation of American middle class experiences will be stressed as basic material on which to build a revised concept of the nature of counseling services to be provided such youth. *Fee:* $45.
Sec. 90: Mr. Lindsay. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Rm. 306, Roosevelt Jr. H.S., San Diego.

James W. Goodfellow, M.S.
Teacher, San Diego Mesa College, San Diego
E S

New Mathematics Program in Public Schools X 320.5A(4) (Formerly: New Mathematics Curriculum in Public Schools X 326.11A)
Recent research, techniques, materials and methods used in teaching mathematical concepts in elementary and secondary schools. *Fee:* $60.
Sec. 90: Mr. Goodfellow. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Rm. 304, Roosevelt Jr. H.S., San Diego.

Choice: Challenge for Modern Woman

KEBS-TV, Channel 15, and
UNIVERSITY OF CALIFORNIA EXTENSION
present
a television series combined with
viewing-discussion groups



What *is* a woman to do?
Stay at home and tend to her knitting
or, at least, to her sewing machine?
Go back to work? Try some volunteering?
Did that marriage at 21 establish or submerge her identity? Is it too late to continue that interrupted education, those other plans, those dreams?

Margaret Mead, Marya Mannes, Eve Merriam, Corita Kent (Sister Mary Corita), Richard Farson, Eva Schindler-Rainman and others talk about woman's search for identity. Listen in, then analyze their views and your own in a small group encounter. There will be five sections throughout the community.

12 Tuesdays, noon to 2 pm, from March 25 through June 10 (bring your lunch, if you like). $15, includes materials.

Those unable to attend a discussion group may order the materials for $2.

(Television viewing, noon-12:30 pm.) See page 32 for details.

Helen M. Scott, M.A.
Teacher, San Diego City Schools, San Diego

Current Reading Curriculum Materials X 320.51(3)
An overview of techniques of instruction involved in classroom use of reading texts. Emphasis on new reading texts and creative use of materials available. Ideas, procedures, and techniques for implementing new materials in our schools. NOTE: *The new English and spelling texts will also be used. Advance enrollment is recommended. Enrollment is limited. No refund after first class meeting. Must be in attendance at first meeting to receive credit for course. Fee:* $45.
Sec. 90: Mrs. Scott. Sat. 9 a.m.-12 m., 12:30-3 p.m. 5 meetings. Apr. 12-May 10. Bostonia School, 1390 E. Broadway, El Cajon

Helen M. Scott, M.A.

Reading and the Low Achiever in the Elementary School, Part II X 320.53(3)
Part I is not prerequisite to Part II.
Developmental placement of children who have difficulty in reading. Identification and diagnosis techniques which give assistance to the classroom teacher in making proper placement of the low achiever. *Enrollment is limited. Advance enrollment is recommended. Fee:* $45.
Sec. 90: Mrs. Scott. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 309, Roosevelt Jr. H.S., San Diego.

Marjorie M. Shupe, B.A.
Reading Specialist, Glen View School, Escondido

School and Curriculum Organization: Non-Grading and Team Teaching X 320.81(3)
Overview of problems of flexible school organization; research on grouping and individual differences; special emphasis on non-grading and team teaching. NOTE: *Emphasis will be on reading; however, other subject areas (i.e., Mathematics, Science, and Language Arts) will be discussed. Fee:* $45.
Sec. 90: Mrs. Shupe. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Glen View School, 2201 E. Grant Ave., Escondido.

Alma M. Armbruster, B.S.
Consultant Services for Area Headstart Programs, Compensatory Classes of San Diego City Schools, San Diego

The Nursery School Curriculum, Part I X 321.1(3)
School experiences appropriate for young children; arrangement of environment; equipment and materials for nursery schools. NOTE: *Of special interest to pre-kindergarten and Headstart teachers. This is a required course for the CORE program in Nursery and Early Childhood Education. Fee:* $45.
Sec. 90: Mrs. Armbruster. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 20. Rm. 350, Roosevelt Jr. H.S., San Diego.

Mary C. Rodrigues, B.A.
Instructional Consultant—Kindergarten-Primary Grades, San Diego City Schools, San Diego
Julia J. Croom, M.A.
Kindergarten Resource Teacher, San Diego City Schools, San Diego

Kindergarten Program and Practices: Mathematics and Science X 321.18(3)
Curriculum methods and materials in current use in kindergarten education. *Enrollment is limited. Fee:* $45.
Sec. 90: Mrs. Rodrigues and Mrs. Croom. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Rm. 352, Roosevelt Jr. H.S., San Diego.

Edna J. Reed, M.A.
Curriculum Coordinator, San Diego County Schools, San Diego

Music in Early Childhood Education X 321.71(3) (Formerly X 323.5)
Music education in the nursery school, and the kindergarten. The use of rhythms, song materials, and simple musical instruments for early childhood education. NOTE: *Limited to nursery school, pre-school, Headstart and kindergarten teachers. This course is an elective for the CORE program in Nursery and Early Childhood Education. Fee:* $45.
Sec. 90: Mrs. Reed. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Del Dios School, 1400 W. 9th Ave., Escondido.

Robert A. Landen, M.A.
Curriculum Coordinator, Foreign Language-ESL, San Diego County Schools, San Diego
Harold B. Wingard
Specialist—Foreign Language, San Diego City Schools, San Diego

Methods and Materials for Elementary Teachers of English as a Second Language X 324.06(3)
This course will discuss and give practice in the fundamentals of the use of the following as these apply to elementary school pupils of ESL: the audio-lingual approach, pattern drills, audio-lingual-visual aids, lesson planning, the use of the tape recorder, techniques for the transition from audio-lingual skills to those of reading and writing, and four-skill evaluation. *Fee:* $45.
Sec. 90: Mr. Landen and Mr. Wingard. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Skyline School, 606 Skyline Dr., Solana Beach.

Diane M. Austin, B.A.
Frank J. Barone, M.S.
Carl K. Fristrom, M.A.
Madelon McGowan, M.A.
Daniel L. Pumphrey, B.A.
Anne G. von der Mehden, M.A.

New Directions in English: A Study of the English Language Framework for California Public Schools X 324.08(3)
This course will concentrate on the unity of English, grades K-12, as developed in the new English Framework. The components of language, literature, and composition are the strands interrelated in such a way as to provide new directions in the teaching of English. The new Framework is a statement of principles for educators to use in developing and improving English-Language Arts programs in California schools. *Advance enrollment is recommended. Enrollment is limited. Fee:* $22.50. (Students pay $22.50 each, remainder of fee is being funded by a special grant.)
Sec. 90: Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Auditorium, San Diego County, Department of Education, 6401 Linda Vista Rd., San Diego.
Sec. 91: Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Library, Escondido H.S., 1535 N. Broadway, Escondido.

Edmona H. Mitchell, M.A.
Library Consultant, San Diego City Schools, San Diego

Literature for Elementary Schools X 324.38(3) (Formerly: X 327.3)
Classic and contemporary literature for children and its relationship to social values and aesthetic standards of young people. Evaluation of literature used in classrooms and school libraries. NOTE: *Special emphasis on Grades 4, 5, 6. Fee:* $45.
Sec. 90: Mrs. Mitchell. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 304, Roosevelt Jr. H.S., San Diego.

J. Owen Thibault, M.A.
Principal, Magnolia School, Carlsbad
E

Teaching Language Arts in Elementary Schools X 324.4(3)
Study of research in reading, spelling, and oral and written language. Application of findings to improvement of instruction. NOTE: *Emphasis on newly adopted State Text. Fee:* $45
Sec. 90: Mr. Thibault. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Magnolia School, 1905 Magnolia Ave., Carlsbad.

George R. Vojtko, M.A.
Resource Teacher, Mathematics, San Diego City Schools, San Diego

Mathematics and Science in the Elementary Schools X 324.59(4)
Study of the mathematics program K-6 as outlined in the 1967-1968 STRANDS REPORT. The strands of number and operation, geometry, measurement, probability and statistics, applications, sets, functions, logical thinking, and problem solving will be emphasized, particularly as they relate to the present mathematics texts. The integration of mathematics (when appropriate) with Concepts in Science program, K-6. Demonstrations, experiments, and use of simple and inexpensive equipment will be emphasized. *Fee:* $60.
Sec. 90: Mr. Vojtko. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 309, Roosevelt Jr. H.S., San Diego.

Denver C. Fox, M.A.
Principal, Camp Schools, San Diego City Schools, San Diego
E

Outdoor Science Education in Elementary Schools X 324.62(2) (Formerly X 326.7)
The inter-relationships of the physical and life sciences through a study of natural history. A background of information and techniques for elementary teachers. NOTE: *This course will be in the mountain environment and emphasis will be given to practical classroom application, including the use of the scientific method. Class will be held on two separate weekends in May. Each student provides his own transportation and pays approximately $10 per weekend for food and lodging. Class will meet May 3, 4, and May 17, 18. Fee:* $30.
Sec. 90: Mr. Fox. Sat. & Sun. Sat., 9:30 a.m. thru Sun., 2:30 p.m. 4 meetings. May 3-May 18. Camp Palomar, Palomar Mountain.

Frontiers in Biology

Biology X 415(3)

Is Biology "the ultimate science"?

A report of the latest research findings in the field of biology, with application to our life today—and tomorrow.

March 25 *What is Life?* Paul D. Saltman, Ph.D., Provost, Revelle College; Professor of Biology, UCSD

April 1 *Viruses and Nucleic Acids* John Holland, Ph.D., Professor of Biology, UCSD

April 8 *Viruses and Cancer* Renato Dulbecco, M.D., Resident Fellow, Salk Institute for Biological Studies

April 15 *The Division of Cells in Maintenance of Human Bodily Function* Herbert Stern, Ph.D., Chairman and Professor, Department of Biology, UCSD

April 22 *Natural and Man-Made Radiation Hazards* Norman A. Bailey, Ph.D. Professor of Radiology, UCSD School of Medicine

April 29 *Proteins: What They Are and Why We Can't Do Without Them* Jonathan Singer, Ph.D., Associate Professor of Biology, UCSD

May 6 *Immunity; a Mixed Blessing* Richard Dutton, Ph.D., Associate Professor of Biology, UCSD School of Medicine

May 13 *The Green Secret; Photosynthesis* Andrew A. Benson, Ph.D., Associate Director, Scripps Institution of Oceanography

May 20 *Molecules and Mental Retardation* John O'Brien, M.D., Associate Professor of Neurosciences, UCSD School of Medicine

May 27 *How Life Began* Leslie E. Orgel, Ph.D., Senior Fellow, Salk Institute for Biological Studies; Professor in Residence, UCSD

Coordinator: Mrs. Marjorie Schneider
10 Meetings; 3 Units; $45 credit; $30 non-credit
Tuesdays, 7-9:45 p.m. in the Auditorium of the University Hospital of San Diego County, 225 West Dickinson Street
(See also page 13)

Donald A. MacLean, Ph.D.
Curriculum Coordinator, Community Educational Resources, San Diego County Schools, San Diego

Workshop in Oceanography for Teachers X 324.65(3)
Study of current activities in oceanography and their implementation into the school curriculum. Marine ecology, marine mammals, undersea vehicles, desalinization, farming of the sea, and the Federal marine resources committee will be studied in regard to the state text adopted for various grade levels. Includes all-day oceanographic field trip on board the Marine Science Floating Laboratory out of Newport Harbor. *Enrollment is limited. See page 25 for details. Fee:* $55 (includes field trip on Apr. 12 or 13).
Sec. 90: Mr. MacLean and guest lecturers. Sat. 9 a.m.-5 p.m. 4 meetings. Mar. 22-April 13. Sumner Auditorium, Scripps Institution of Oceanography, UCSD, La Jolla.

Donald A. MacLean, Ph.D.

Advanced Workshop in Oceanography for Teachers X 324.69(4)
A five-day oceanography workshop intended for students having completed WORKSHOP IN OCEANOGRAPHY FOR TEACHERS. This course will consist of three class meetings during which an in-depth survey of the theories and principles of both biological and physical aspects of oceanography will be discussed. Methods by which these principles can be incorporated within the classroom situation will also be considered. Two days will be spent in field trips. One field trip will be a visit to several on-shore oceanographic sites in the San Diego area by bus. The second field trip will be a one-day tour of the USC Marine Laboratory facilities on Catalina Island aboard the Orange County Floating Marine Laboratory ship Fury II. *Prerequisite:* Workshop in Oceanography for Teachers X 324.65, or consent of instructor. *Enrollment is limited. See page 25 for details. Fee:* $70 (includes field trips).
Sec. 90: Mr. MacLean, assisted by Mr. Linsky and Mr. Sweig. 3 Sat.: 9 a.m.-5 p.m. 1 Sat. and Sun.: 8 a.m.-5 p.m. 5 meetings. April 19-May 11. Sumner Auditorium, Scripps Institution of Oceanography, UCSD, La Jolla.

A continuing program . . .

INDIVIDUAL MUSIC INSTRUCTION

Developed in cooperation with the UCSD Music Department, this program of private music instruction is open to any qualified member of the community or student of the University. Instruction may begin at any time. Selection of time, place, and content of study is by mutual agreement of the student and teacher. Instruction is now available in the following instruments with, at press time, the following artists:

Strings Violin — Nick Stamon, Christl Renate von Wrochem, Klaus von Wrochem
Viola — Nick Stamon, Klaus von Wrochem
Contrabass — Bertram Turetzky

Winds Flute — Peter Middleton
Clarinet — Daniel Goode, Alan Johnson
Oboe — Earl V. Schuster

Brass French Horn — Irving Rosenthal
Trumpet — Jack D. Logan
Trombone — John Silber, Irving Rosenthal
Tuba — Irving Rosenthal

Piano Penny Glassman Barr, Virginia H. Gaburo, Ignace Hilsberg, Joseph M. Parker, Mimi Tung

Organ Howard Don Small

Harp Joy Hujsak

Voice Baritone — Alan Pitt
Soprano — Beverly Ogdon, Alice O. Sabin, Emma Small
Tenor — Howard Fried

Guitar Classical — Lee Ryan

15 hours of instruction. 1 unit. Fee: $175
(See also page 37)

Rex C. Hamilton, M.A.
Supervisor of Art Education, Escondido Union School District, Escondido
Monte B. DeGraw, M.S.
Consultant, Art Education, San Diego City Schools, San Diego

Art in Elementary Schools, Part I X 324.7(3) (Formerly X 324.4)
Art experiences for all grades. Correlation of art with the social studies. Understanding and creative use of materials, tools, ideas, and their sources, as they apply to elementary education. *Enrollment is limited. Fee:* $45.
Sec. 90: Mr. Hamilton. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Del Dios School, 1400 W. 9th Ave., Escondido.
Sec. 91: Mr. DeGraw. Mon. 4-7 p.m. 9 meetings. Mar. 24-May 26. Mission School, 2100 Mission Ave., Oceanside.

Damaris L. McNeill, M.A.
Music Instructional Consultant, San Diego City Schools, San Diego

Music in Elementary Schools, Part I X 324.72(3)
Musical experience for all grades: survey of State Texts and supplementary materials; correlation of music with social studies; introduction to appropriate recorded music; developing the ability to use "easy to play" instruments. *Fee:* $45.
Sec. 90: Mrs. McNeill. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Rm. 10, Roosevelt Jr. H.S., San Diego.
NOTE: *Emphasis will be on the new music texts for Grades 1, 2, 3. Enrollment is limited.*
Sec. 91: Mrs. McNeill. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 27. Rm. 10, Roosevelt Jr. H.S., San Diego.
NOTE: *Emphasis will be on kindergarten. REGISTRATION IS CLOSED.*

Joseph A. Nyiri, M.S.
Art Consultant, Art Education, San Diego City Schools, San Diego

Three Dimensional Art in Elementary Education X 324.76(3)
The course will consist of three dimensional art experiences for use in the primary and elementary classroom. The participants will construct various projects in clay, plaster, wood, papier-mache, cardboard, wax, etc. Techniques, skills, motivational activities and evaluational methods will be stressed along with ways to develop dynamic and significant visual expressions with children. *Fee:* $45.
Sec. 90: Mr. Nyiri. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Rm. 362, Roosevelt Jr. H.S., San Diego.

Robert E. Nelson, Ed.D.
Assistant Professor in Special Education, San Diego College for Women, San Diego

The Education and Guidance of Children With Learning Difficulties, Part II X 328.21(3) (Formerly: X 316.61)
Part I is not prerequisite to Part II.
Observation and case study of children with learning difficulties. School-parent relationships. Remediation techniques. *Fee:* $45.
Sec. 90: Mr. Nelson. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Rm. 304, Roosevelt Jr. H.S., San Diego.

George R. Vojtko, M.A.
Resource Teacher, Mathematics, San Diego City Schools, San Diego

Mathematics and the Low Achiever in the Elementary School X 328.57(3)
Study of problems in the motivation of low achievers, Piaget's views on intellectual development, implications of psychological research, and current promising practices in mathematics. Emphasis will be given to the use of the present state adopted texts in mathematics with the low achiever. *Fee:* $45.
Sec. 90: Mr. Vojtko. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 353, Roosevelt Jr. H.S., San Diego.

Workshop in Oceanography for Teachers

Education X 324.65(3)

Repeat of a sellout course • Enrollment is again limited

Three Saturday workshops at Scripps Institution of Oceanography and one full day field trip from Newport Harbor on the Marine Science Floating Laboratory.

An introduction to the study of current and projected activities in the vital frontier of the sea with particular attention to implications for the classroom.

4 meetings, 3 units, $55, including materials and field trip on either April 12 or 13.

Saturday, 9 a.m.-5 p.m.; March 22, 29, April 5; Sumner Auditorium, Scripps Institution of Oceanography, UCSD, 8602 La Jolla Shores Drive, La Jolla. (See also page 23).

LOOKING AHEAD: LAKE ARROWHEAD in June for another WORKSHOP IN OCEANOGRAPHY FOR TEACHERS. Friday evening, Saturday, Sunday classes at Arrowhead, June 27, 28, 29. Field trip Saturday or Sunday July 5 or 6 from Newport Harbor. See summer quarter EXPLORE for details.

Advanced Workshop in Oceanography for Teachers

Education X 324.69(4)

An in-depth survey of theories and principles of biological and physical aspects of oceanography. Three days of classroom discussion will include the oceans and their place in world ecology, lands beneath the sea, farming the sea, planning the underwater city, and the oceans and the classroom.

Two field trips are planned. One will consist of visits to on-shore oceanographic facilities in the San Diego area and the other will be a one day tour of the USC Marine Laboratory facilities on Catalina Island via the Marine Science Floating Laboratory.

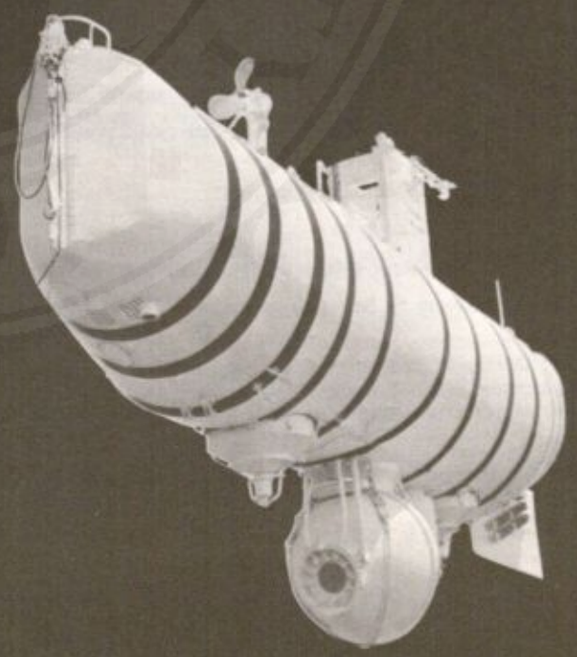
This course is intended primarily for students having completed WORKSHOP IN OCEANOGRAPHY FOR TEACHERS but is open to others having some knowledge of oceanography with instructor consent.

5 meetings, 4 units, $70, including both field trips on May 10 and 11.

Saturday, 9 a.m.-5 p.m.; April 19, 26, May 3; Sumner Auditorium, Scripps Institution of Oceanography, UCSD, 8602 La Jolla Shores Drive, La Jolla. (See also page 23).

Instructor for both courses: Dr. Donald A. MacLean, Curriculum Coordinator, Department of Education, San Diego County Schools, Author of the state textbook *The Sea: A New Frontier.* Assisted by: Ronald B. Linsky, Coordinator, Marine Sciences and Director, Floating Laboratory Program, Orange County Schools, and Ronald J. Schweig, U.S. Navy West Coast Public Information Officer, Sealab III and Deep Submergence Project.

Note: One hundred phone reservations (the maximum enrollment) have been made for this course; fee payment deadline for these is March 7. Any openings for this quarter and advance reservations for the fall quarter course will be filled from the waiting list. Call 453-2000, ext. 2061.



Underwater World:

A Marine Ecology Workshop for SCUBA Divers
Oceanography X 407(3)

Three all-day field trips will be arranged to identify organisms and demonstrate some behavioral phenomena.

Prerequisite: Certificate of diving ability. ENROLLMENT LIMITED.

10 class meetings; 3 Saturday field trips; 3 units, $50

See page 38 for details

David Feldman, Ph.D.
Vice President, Research & Sales, KSDO Radio AM/FM, San Diego

Teaching Children Who Are Culturally and Educationally Disadvantaged, Part I X 328.9(3) (Formerly: X 308.1)
Psychological and sociological research relating to children who do not profit from usual schooling. The problem of drop-outs. A consideration of the major educational programs for the culturally deprived: Higher Horizons, the Great Cities School Improvement Program, the Pennsylvania State Program and others. NOTE: *This course is an elective for the CORE program in Nursery and Early Childhood Education. Fee:* $45.
Sec. 90: Mr. Feldman. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 307, Roosevelt Jr. H.S., San Diego.

Robert S. Reed, M.A.
Chairman, Business Education Department, and Counselor, Kearny High School, San Diego

Modern Office Machines and Practice for Business Education Teachers X 330.35(2)
Preparation of curriculum materials and, at the same time, acquire instructional skills needed to operate the latest types of duplicating equipment in the business education departments. Information on rapidly advancing technological changes will be explored in depth. Layout, artwork, preparation, and use of colors will be among some of the major items to be discussed. NOTE: Emphasis will be on the table-top offset process. *REGISTRATION IS CLOSED. Fee:* $30.
Sec. 90: Mr. Reed. Thur. 4-6 p.m. 10 meetings. Mar. 27-June 5. Stephen Watts Kearny H.S., 7651 Wellington, San Diego.

William N. Black, M.A.
Health, Driver Education, Driver Training Teacher, Sweetwater High School, National City

Teaching Public Safety and Accident Prevention X 330.81(3)
Methods of organizing safety work in elementary and junior high schools. Curriculum in safety and accident prevention; traffic safety; work of community agencies engaged in accident prevention. NOTE: *Of interest to all secondary schools. Fee:* $45.
Sec. 90: Mr. Black. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 27. Rm. 204, Sweetwater H.S., 2900 Highland Ave., National City.

J. Wilson Getsinger, Ed.D.
Management Consultant, La Jolla
A

Principles of Adult Education X 332.1(3) (Formerly: X 336.21)
Scope and functions of adult education in American society; responsibilities of educational institutions for the education of adults; development of programs in adult education. Planned for teachers and administrators of adult schools and others who are responsible for programs of adult education. NOTE: *Students must be in attendance at first meeting to receive credit. Enrollment is limited. Class will meet Mar. 22, Apr. 19, May 3, 17, 31, June 7. Fee:* $45.
Sec. 90: Mr. Getsinger. Sat. 9 a.m.-12 m., 12:30-2 p.m. 6 meetings. Mar. 22-June 7. Rm. 2106, Urey Hall, UCSD, La Jolla.

John Johnson, Jr., M.A.
Elementary Teacher, Audubon Elementary School, San Diego

Audio-Visual Education X 333.1(3) (Formerly: Audio-Visual Instruction XL 139A)
Theory and practice in the use of audio-visual instruction media with reference to particular educational levels, selection, evaluation, and utilization of a wide range of instructional materials. *Fee:* $45.
Sec. 90: Mr. Johnson. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 27. Rm. 9, Roosevelt Jr. H.S., San Diego.

John Johnson, Jr., M.A.

Production of Modern Teaching Materials X 333.21(3)
A lecture-laboratory type course for teachers who have already had the introductory audio-visual course. Emphasis will be placed on the methods for local production of up-to-date teaching materials. Advanced problems in the areas of bulletin boards, displays, transparencies, filmstrips, slides, sound tape and slide shows, and model construction will be offered in elementary education and in selected subject matter fields of secondary education. Projects of individual students enrolled in the course will be fitted to grade levels being taught or grade levels anticipated. *Fee:* $45.
Sec. 90: Mr. Johnson. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 350, Roosevelt Jr. H.S., San Diego.

Identification of Native Flora X 401(3) See Botanical Sciences, page 15.

Methods of Teaching Elementary and Intermediate Folk, Round, and Square Dances X 352A(3) See Dance, page 18.

Esthetics and Literary Values X 416(3) See English, page 31.

California History X 408(3) See History, page 34.

Art in Stitchery for the Classroom Teacher X 400(3) See Home Economics, page 34.

Methods of Information Control: Guide to Specialized Bibliography X 484(3) See Library Service, page 35.

Linguistics for Teachers of German X 303(3), Methods and Materials for Teachers of English as a Foreign Language in Secondary and Adult Education X 304(3), Transformational Grammar and the Teaching of English X 484(3) See Linguistics, page 35.

Intermediate Mathematics for Secondary Teachers X 498.1(3) See Mathematics, page 37.

Autoharp for the Classroom Teacher X 404A(3), Folk Guitar for the Classroom Teacher X 418A(3), Intermediate Folk Guitar, Part I X 419A(3) See Music, page 37.

Family Interaction: Insights Through Fiction X 425(3) See Social Sciences, page 45.

Workshop in Communication Skills, Symbols, Values and Purposes X 442A(3) See Speech, page 46.

Helping People In A CRISIS

Crisis counseling or crisis intervention is counseling dealing with a state of great unsettlement experienced by a person or a family, arising from a problem which they are not capable of solving without appreciable disorganization, distress, or inability to function in many normal situations. The crisis is usually of very short and intense duration, and without resolution may lead to further drastic irreversible actions. This course will attempt to understand the anatomy of a crisis, some of the whethers and whens of intervening, and some specific kinds of crises.

10 meetings; 3 units; $45 (credit); $30 (non-credit)
Wednesdays, 7-9:45 p.m.,
Sumner Auditorium,
Scripps Institution of Oceanography,
8602 La Jolla Shores Drive

Coordinator:
Leslie J. Atkinson, Campus Pastor, UCSD

March 26 — **Introduction to Crisis Counseling**
Dr. Gerald Jacobson, Los Angeles Psychiatric Service

April 9 — **Failure**
Dr. Philip R. Kavanaugh and Mr. William R. Brockley, Human Resources Institute, La Jolla, California

April 16 — **Suicide**
Dr. Paul Pretzel, Suicide Prevention Center, Los Angeles

April 23 — **Death and Bereavement**
Dr. Herman Feifel, Chief Psychologist, Veterans Administration Outpatient Clinic, Los Angeles, Clinical Professor of Psychiatry (Psychology), USC School of Medicine

April 30 — **Divorce, Desertion, and Immediate Family Break-up**
Mr. Robert McCambridge, San Diego County Conciliation Court

May 7 — **Problem Pregnancies**
Mrs. Lynn Siegel, Abortion Counseling Service, Del Mar

May 14 — **Alcoholism**
Dr. Robert Lynch, Psychiatrist, La Jolla

May 21 — **Narcotic Addiction**
Dr. Paul Strauss, Chief Adult Inpatient Services, University Hospital of San Diego County

May 28 — **Homosexuality**
Dr. Fred J. Goldstein, Psychologist, Beverly Hills

June 4 — **The Hippy!**
The Rev. Ross Greek, "Vicar of Sunset Strip" West Hollywood Presbyterian Church, Hollywood

See page 45

Engineering

Alan W. Nelson, M.S.E.E.
Design Specialist, Advanced Systems Dynamics Group, Convair Division of General Dynamics, San Diego

Introduction to Linear Control and Systems XL 122A(4) (Formerly: Introduction to Control Systems Theory XL 136A)
Introduction to the analysis of linear control and systems using techniques derived from transform theory; unified treatment of both continuous and sampled-data systems. *Prerequisite:* Laplace Transform Theory, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Nelson. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 121, Roosevelt Jr. H.S., San Diego.

Raymond A. Elliott, M.S.E.E.
Design Specialist, Convair Division of General Dynamics, San Diego

The Logic Design of Digital Nets XL 125A(4) (Formerly: Logical Design of Digital Computing Machinery and Systems XL 114B)
Application of Boolean algebra to the design of combinational 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. *Prerequisite:* Information Processing Systems UCLA 100D, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Elliott. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 11. Rm. 360, Roosevelt Jr. H.S., San Diego.

Charles M. Davis, Ph.D.
Staff Engineer, Ryan Aeronautical Company, San Diego

Advanced Topics in Pulse and Digital Techniques X 400A(3)
Applications study of switching mode electronic circuits and systems including negative resistance devices and circuits, delay lines, multivibrators, clocked and asynchronous operation and system design considerations. The emphasis is on a physical understanding of the device and circuit. *Fee:* $45.
Sec. 90: Mr. Davis. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Rm. 362, Roosevelt Jr. H.S., San Diego.

Robert F. Pawula, Ph.D.
Assistant Professor of Aerospace Engineering, UCSD

Advanced Engineering Mathematics X 410(3)
A course in the mathematical treatment of engineering problems. Emphasis is placed on the formulation of problems as well as their mathematical solution. Topics include ordinary differential equations, Fourier series, partial differential equations, an introduction to integral transforms, Bessel functions, Legendre polynomials, and complex variables. *Fee:* $45.
Sec. 90: Mr. Pawula. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 3020, Undergraduate Science Bldg., UCSD, La Jolla.

Paul T. Y. Chang, Ph.D.
Staff Associate, Gulf General Atomic, San Diego

Linear Viscoelasticity X 413(3)
Brief review of the fundamental field equations in elasticity and the basic definitions in Laplace transform. Representations of the uniaxial creep and relaxation behavior of linear viscoelastic materials by mechanical models. Stress-strain relations in differential and integral forms and their equivalence. Uniaxial creep and relaxation tests and mathematical representations of the experimental data. Constitutive equations of isotropic and anisotropic viscoelastic solids for three-dimensional state of stress and strain, and material characterizations. Formulation of viscoelastic boundary value problems. Correspondence principle and its limitations. Approximate methods pertinent to viscoelastic stress analysis. Application to selected technological problems. Discussions of the viscoelastic behavior of concrete, reactor graphite materials under irradiation, and the temperature dependence of the viscoelastic materials. *Fee:* $45.
Sec. 90: Mr. Chang. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. T214, Gulf General Atomic, 10955 John Jay Hopkins Dr., San Diego.

Leroy R. Hughes, B.S.E.E.
Engineering Project Supervisor, Micronetics, San Diego

Modern Radar X 490(4)
A guided study course in modern radar techniques. The system operational aspects will be emphasized with sufficient detailed design information to establish overall system specifications. Details will include choice of repetition rate (CW to pulse doppler), frequency, processing techniques (range, velocity, angular data, pulse compression), etc., and analytical tools for system performance evaluation. *Fee:* $60.
Sec. 90. Mr. Hughes. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Rm. 360, Roosevelt Jr. H.S., San Diego.

Engineering Review Courses — University Extension is presenting these specially timed courses to prepare students for the examinations given by the State of California Board of Registration for Civil and Professional Engineers.

March 24, 25, 1969.....	Review courses begin.
April 12, 1969.....	Engineer-in-Training Examination.
May 5, 1969.....	Last day to file for Professional Examinations.
August 4, 1969.....	Last day to file for November 15, 1969, Engineer-in-Training Examination.
August 9, 1969.....	Professional Examinations.

Detailed course information follows. For information about the registration examinations themselves, please contact the local office of the State of California Board of Registration for Civil and Professional Engineers. Phone: 232-4361, Ext. 374.

David R. Lukens, M.S.M.E.
Dynamics Group Engineer, Convair Division of General Dynamics, San Diego
William J. Sevier, M.S.M.E.
Consulting Engineer, Clyde W. Nelson Associates, San Diego
John O. Tearnen, M.S.M.E.
Staff Member, Gulf General Atomic, San Diego

Mechanical Engineering Review 809
This course covers the subjects of the Professional Examination for Mechanical Engineers offered by the State Board of Registration for Civil and Professional Engineers. It includes a review of fundamentals in the fields of strength of materials, thermodynamics, fluid mechanics, heat transfer, dynamics, and engineering economics. These fundamentals are applied in the solution of problems taken from recent Professional Examinations. *Prerequisite:* Engineering-in-Training Certificate, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Lukens, Coordinator; Mr. Sevier, Mr. Tearnen. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 122, Roosevelt Jr. H.S., San Diego.

J. Brown Herreshoff, M.A.
Group Engineer, Structural Dynamics, Ryan Aeronautical Company, San Diego

Engineering Fundamentals 843A (Formerly: 843)
Part I of a two-quarter sequence. A review of physics, chemistry and mathematics through calculus designed primarily to prepare students for the closed book examinations for Engineer-in-Training offered by the California Board of Registration for Civil and Professional Engineers. *Prerequisite:* A degree in engineering or an equivalent combination of education and experience. *Fee:* $60.
Sec. 90: Mr. Herreshoff. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Rm. 122, Roosevelt Jr. H.S., San Diego.

English

LITERATURE

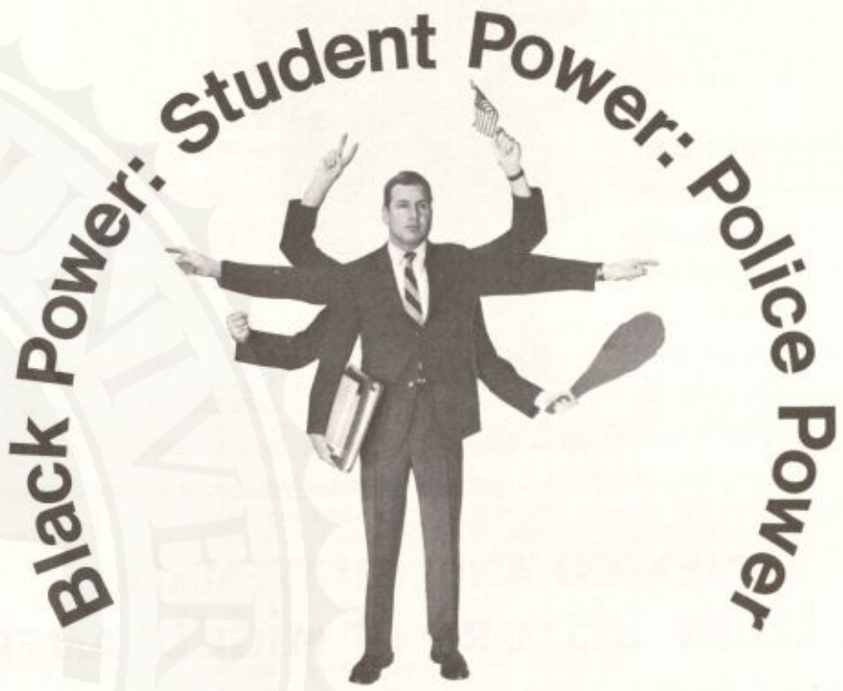
Wai-Lim Yip, Ph.D.
Assistant Professor of Chinese & Comparative Literature, UCSD

Masterpieces of Chinese Literature in Translation XSD 151(4)
The course will focus on a few representative masterpieces of Chinese literature in its classical age, with emphasis on the formal conventions and the social or intellectual presuppositions that are indispensable to their understanding. *Fee:* $60.
Sec. 90: Mr. Yip. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 3. Rm. 1154, Humanities-Library Bldg., UCSD, La Jolla.

"A considerable amount of the learning experience today is irrelevant."
"The university is based on a nineteenth-century model."
"The university is not preparing me for *the real world.*"

— Verbal statements by UCSD students which are reflected more actively on campuses elsewhere *(see your newspaper)*

an experimental, student-directed course



—a Sociological Perspective

Sociology X 409(3)

This seminar-like course will be guided and facilitated, but not taught, by Dr. THOMAS L. GILLETTE, Director, Center for Studies of the Person, La Jolla.

This course is, in part, a reaction to growing demands for educational experiences that are relevant to major social issues today. Specific arrangements for investigation, the methods of learning and experiencing, the required reading and the system for grading will be determined primarily by the students. It is expected, for example, that the students will wish to spend a substantial amount of time away from the classroom at the scene of the action. If the students desire, non-academic experts will be utilized as resource people.

Prerequisite: Students must have a high level of interest in the subject area and an eagerness to move beyond traditional methods of learning.

Undetermined meetings; 3 Units; $45, credit; $35, non-credit.

The first and only scheduled meeting will take place Wednesday evening, March 26, at 7 p.m. in Room 3030B, Undergraduate Science Building, UCSD.

(See also page 45)

—Sculpture from the collection of Juan Antonio Vargas

The history of culture in Middle America—primarily Mexico and Guatemala. Culture for the area will be traced from its beginnings in prehistoric times, to its indigenous florescence, and its form at the time of the conquest. The impact of Spanish culture on native culture will be examined and the syncretized colonial culture of New Spain will be examined. Finally national culture of Mexico and Guatemala will be examined, as well as the various sub-cultures found within the boundaries of these two nation states. Culture, as used in this course, refers to its anthropological sense (as the traditional way of life of a society of men).

MEXICO AND GUATEMALA: A CULTURE HISTORY OF MIDDLE AMERICA

Anthropology X 420(3)

Dr. Robert M. Carmack, Department of Anthropology, UCSD

March 27 Background to Middle American Studies (geography, race, language, culture, history).
Dr. Carmack

April 3 The Evolution of Middle American Indigenous Civilization (peopling of the New World, the discovery of agriculture, the Olmecs, the rise of civilization).
Dr. Carmack

April 10 Prehispanic Mexican Culture (from Teotihuacan to the Aztecs, cultural patterns).
Dr. Henry B. Nicholson, Department of Anthropology, UCLA

April 17 Prehispanic Maya Culture (from Tikal to the Quiche-Maya, cultural patterns).
Dr. Carmack.

April 24 Spanish Culture and the Conquest (15th century Spanish culture, events of the conquest, impact of the conquest on native and Spanish cultures).
Dr. Guillermo Céspedes, Department of History, UCSD.

May 1 Colonial Culture in Middle America (Spanish and native cultural patterns, the Mestizos).
Dr. Céspedes.

May 8 The Movements of Independence and Revolution in Mexico (events, influence on culture).
Dr. Wigberto Jiménez Moreno, Escuela Nacional de Antropología e Historia, Universidad Nacional, Mexico.

May 15 Complex Culture of Modern Mexico (National, urban, peasant cultures).
Dr. Carmack.

May 22 Complex Culture of Modern Guatemala (National, urban, peasant cultures).
Dr. Carmack.

May 29 Highlights

10 meetings; 3 units; $45 credit $30 non-credit

Thurs. 7-9:45 p.m. Sumner Auditorium, Scripps Institution of Oceanography, 8602 La Jolla Shores Drive, (See also page 10).

Benedict J. McCormick, M.A.
Professor of Literature, San Luis Rey College, San Luis Rey

Esthetics and Literary Values X 416(3)
Principles of esthetics and their relation, chiefly, to fiction. Discussion of beauty, taste, art, literature as a fine art, and the background and development of the novel form. Relation of contemporary fictional taste and values to Western literary tradition; evolution of modern novel from myth, folklore, and romance. *Fee:* $45.
Sec. 90: Fr. McCormick. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 27. Jefferson Jr. H.S., 823 Acacia St., Oceanside.

Sacvan Bercovitch, Ph.D.
Assistant Professor of American Literature, UCSD

Metamorphosis of the American Novel X 430(3)
This lecture series covers ten major novels in the American literary tradition from Cooper to the present. The lectures will analyze the novels in terms of their enduring artistic and social value: both as important works of fiction and as commentaries upon, or reflections of, the basic themes and concerns of the national culture. *See page 33 for details. Fee:* $45, credit; $30, non-credit.
Sec. 90: Academic Coordinator: Mr. Bercovitch. Thur. 7-9:45 p.m. 10 meetings. Mar. 27-May 29. Humanities-Library Auditorium, UCSD, La Jolla.

Theodore J. Bardacke, Ph.D.
Instructor of English, San Diego City College, San Diego

The Major Works of Eugene O'Neill X 469(3)
An analysis of the complete works of Eugene O'Neill, with a close examination of his most important plays including *Emperor Jones, Great God Brown, Strange Interlude, Desire Under the Elms, Mourning Becomes Electra, The Iceman Cometh* and *Long Days Journey Into Night. Fee:* $45.
Sec. 90: Mr. Bardacke. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Rm. 10, Roosevelt Jr. H.S., San Diego.

WRITING

George H. Szanto, Ph.D.
Assistant Professor of German and Comparative Literature, UCSD

Writing Workshop: Drama XSD 113(4)
A workshop for students seriously interested in play writing. Intensive study of the means of expression provided by dramatic writing. Discussion and scrutiny of original works of students. *Fee:* $60.
Sec. 90: Mr. Szanto. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 3. Rm. 3050B, Undergraduate Science Bldg., UCSD, La Jolla.

Ronal S. Kayser (Dale Clark)
Author, La Jolla

Basic Fiction Techniques 800
Plot and characterization methods. Choosing the viewpoint. Writing the dramatic scene. How to make stories interesting to the reader. Preparation of manuscripts for marketing. Individual analysis of scripts written as class assignments. (For beginners in story writing and for journalists writing the fictionalized article.) *Fee:* $45.
Sec. 90: Mr. Kayser. Tue. 7:30-10 p.m. 11 meetings. Mar. 25-June 3. Rm. 362, Roosevelt Jr. H.S., San Diego.

Ronal S. Kayser (Dale Clark)

Advanced Workshop in Fiction Writing 801
For students who are approaching professional competence in the short story, the novel, and the play. Special attention to problems of revision and criticism. Individual evaluations by the instructor. *Prerequisite:* A basic course in fiction writing, published work, or equivalent, or consent of instructor. *Fee:* $45.
Sec. 90: Mr. Kayser. Thur. 7:30-10 p.m. 11 meetings. Mar. 27-June 5. Rm. 362, Roosevelt Jr. H.S., San Diego.

New Directions in English: A Study of the English Language Framework for California Public Schools X 324.08(3) See Education, see page 22.

English as a Foreign Language X 400(3) See Language—English, page 35.

Methods and Materials for Teachers of English as a Foreign Language in Secondary and Adult Education X 304(3), Transformational Grammar and the Teaching of English X 484(3) See Linguistics, page 35.

General Interest

Barbara J. Waszak
Designer Craftsman, Adult Education Teacher, Chula Vista

Stitchery as a Creative Art 806
Design fundamentals will be reviewed with particular attention to their relationship to stitchery and textile design. Student practice will be centered on appropriate creative application of techniques and processes. Lectures, visual materials, demonstrations and class activities will stress the development of competency. NOTE: *Students are required to bring to the first meeting: loosely woven fabric; scissors; large, blunt yarn needle; yarn or fiber. Fee:* $30.
Sec. 90: Mrs. Waszak. Fri. 10 a.m.-12 m. 9 meetings. April 11-June 13. Studio B, Extension Art Studio, 701 Coast Blvd. So., La Jolla.

Francis E. Nickerson, M.A.
Reading Specialist, San Diego City College, San Diego

Improvement of Reading for Adults 812A
Consists of actual practice under supervision in methods of increasing reading speed and comprehension. A comprehensive diagnostic reading test is administered at both the beginning and the end of the course. Extensive use is made of the controlled reader, training films and special study materials. *Fee:* $45.
Sec. 90: Mr. Nickerson. Thur. 7-10 p.m. 10 meetings. Mar. 27-May 29. Rm. 111A, Matthews Campus, UCSD, La Jolla.
Sec. 91: Mr. Nickerson. Tue. 7-10 p.m. 10 meetings. Mar. 25-May 27. Rm. 111A, Matthews Campus, UCSD, La Jolla.

David J. Harris, B.S. and
Susan M. Sperber, B.A.
Barbara K. Dillinger, B.A. and
Frances B. Torbert, M.A.
Jean M. Hunter, M.A. and
Nancy F. Callison, R.N.

Developing Personal Potential, Part I 814
Offers the healthy well-functioning adult an opportunity to identify and assess his or her personality resources and capacities, and to relate these to personal values and goals in an effort to develop and actualize human potential. This approach is based on the hypothesis that the well-functioning person is utilizing only a fraction of his or her potential. Within the structured yet informal setting of the class, each participant develops at an individual pace. A series of interpersonal experiences have been designed to help the participant achieve increased self-confidence and an improved self-image. *Advance registration is required. Must be in attendance at the first two meetings to continue the course. No refund after the first meeting. Enrollment is limited. Fee:* $48.50 (includes work kit).
Sec. 90: Mr. Harris and Mrs. Sperber. Mon. 7:30-10 p.m. 10 meetings. Mar. 24-May 26. Home of Mrs. Marie Steelquist, 4075 Brant St., San Diego.
Sec. 91: Mrs. Dillinger and Mrs. Torbert. Wed. 10 a.m.-12:30 p.m. 10 meetings. Mar. 26-May 28. Home of Dr. and Mrs. Harold C. Torbert, 7695 Hillside Dr., La Jolla.
Sec. 92: Mrs. Hunter and Mrs. Callison. Tue. 7:30-10 p.m. 10 meetings. Mar. 25-May 27. Home of Mr. and Mrs. William T. Brown, 4634 Orchard Ave., Point Loma, San Diego.

Doris L. Borenstein
Carol J. Brocato
Jane A. Bishop
Donna K. Kruger
Dorothy N. Peet

Choice: Challenge for Modern Woman 815
Emphasizes the possibility of creative living as a woman becomes more aware of the many areas of choice which include: identity, personal value-system, marriage, family relationships, money, male-female relationships, use of time, work for money, freedom, growing as an individual, type of society. Viewing-discussion groups meet to analyze the issues presented and the viewpoints of the television speakers, and to discuss the reactions of the group members. The goal of the program is to provide an understanding of the woman's place in contemporary society and to encourage each woman to make her own decisions. *Fee:* $15 (includes syllabus).
Those unable to attend a discussion group may order for $2 a syllabus which includes a summary of each program, biographies of speakers and suggested readings. See page 21 for details.
All sections meet Tuesday (12 noon-2 p.m.) beginning March 25 and ending June 10. Broadcast on KEBS, Channel 15 (12 noon-12:30 p.m.).
Sec. 90: Mrs. Borenstein, Discussion Leader. Home of Mr. and Mrs. Jim B. Sturgis, 2346 Presidio Dr., San Diego.
Sec. 91: Mrs. Brocato, Discussion Leader. Home of Mrs. Lillian Herzberg, 5602 Dartford Way, San Diego.
Sec. 92: Mrs. Bishop, Discussion Leader. Home of Mr. and Mrs. Charles A. Muehling, 1260 Inspiration Drive, La Jolla.
Sec. 93: Mrs. Kruger, Discussion Leader. Home of Mr. and Mrs. Edwin L. Hamilton, 3594 Dupont Street, Point Loma, San Diego.
Sec. 94: Mrs. Peet, Discussion Leader. Home of Mr. and Mrs. Robert E. Peet, 6286 Broadmoor Drive, La Mesa.

Hilda T. Grey, B.S., R.N.
La Jolla

Education for Marriage
This is a day dedicated to a frank discussion of marriage. It is a day of information for anyone concerned not only with establishing, but maintaining, a meaningful marital relationship. The particular topics were chosen because each lends a realistic shade to the total picture of marriage. University of California Extension invites the public, through this course, to investigate the opportunities, problems and solutions to a rewarding marriage. *Fee:* $10, singles; $16, couples; (includes lunch).
Sec. 90: Coordinator: Mrs. Grey. Sat. 9:00 a.m.-3:15 p.m. 1 meeting. Mar. 29. South Pacific Rm., Bali Hai Restaurant, 2230 Shelter Island Dr., San Diego.

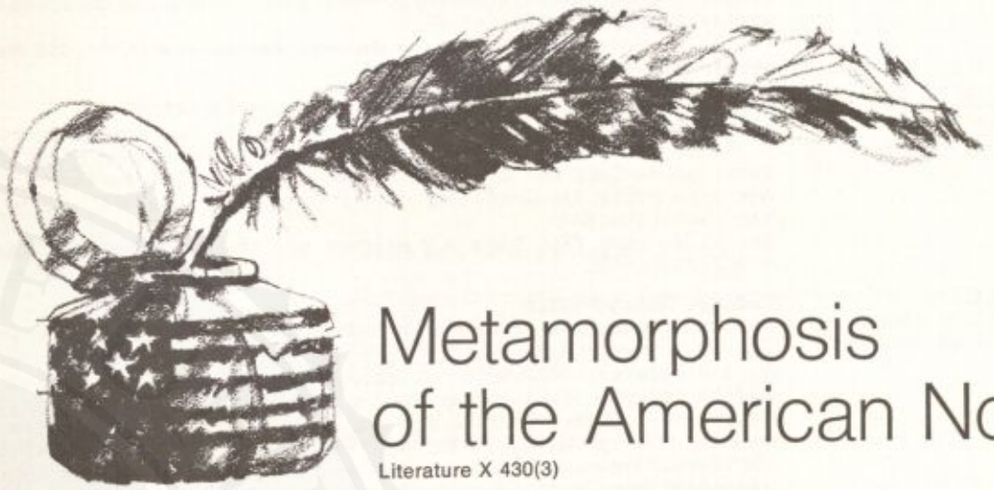
Geography

Bob R. O'Brien, Ph.D.
Assistant Professor,
San Diego State College, San Diego

Conservation of Environmental Quality X 415(3)
A study of ways to preserve environmental quality, in and adjacent to the cities. The course is designed to interest the student in the increasingly critical problems of man-influenced environments, such as air, water and soil pollution, open space disappearance, crowding of recreational areas and geologic and climatic hazards. *Fee:* $45.
Sec. 90: Mr. O'Brien. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 20. Rm. 352, Roosevelt Jr. H.S., San Diego.

Sam D. Hinton, A.B.
Associate Director of Relations with Schools, UCSD

The Southern California Scene: Coastal Areas of San Diego X 450.1(3)
An interdisciplinary course dealing with physical environment of coastal Southern California, emphasizing land forms, climate, plant and animal life, and aboriginal man. Speakers from the fields of geography, geology, botany, zoology, and anthropology. *See page 39 for details. Fee:* $45, credit; $30, non-credit.
Sec. 90: Mr. Hinton. Mon. 7-9:45 p.m. 10 meetings. Mar. 24-May 26. Humanities-Library Auditorium, UCSD, La Jolla.



Metamorphosis of the American Novel

Literature X 430(3)

This lecture series covers ten major novels in the American literary tradition from Cooper to the present. The lectures will analyze the novels in terms of their enduring artistic and social value, both as important works of fiction and as commentaries upon, or reflections of, the basic themes and concerns of the national culture.

Coordinator: Sacvan Bercovitch, Ph.D., Assistant Professor of American Literature, UCSD

March 27 James Fenimore Cooper. *"The Prairie* and The Metamorphosis of Leatherstocking"
Roy Harvey Pearce, Ph.D., Associate Dean for Graduate Studies; Professor of American Literature, UCSD

April 3 Nathaniel Hawthorne. *"The Scarlet Letter:* The Heroism of Mediocrity"
Mr. Bercovitch

April 10 Herman Melville. *"Moby Dick"*
Edwin Fussell, Ph.D., Professor of American Literature, UCSD

April 17 Mark Twain. *"Huckleberry Finn:* The Naivete of the American Dream"
Thomas Dunseath, Ph.D., Associate Professor of English Literature, UCSD

April 24 Henry James. *"The Ambassadors:* A Portrait of the Artist as an Old Man"
Kenneth Lavender, Acting Assistant Professor of English and Comparative Literature, UCSD

May 1 F. Scott Fitzgerald. *"The Great Gatsby* and the End of the American Romance"
Jack Behar, Ph.D., Assistant Professor of English and American Literature, UCSD

May 8 William Faulkner, *"Absalom, Absalom:* Faulkner and the Generation Gap"
John Stewart, Ph.D., Provost, Muir College; Professor of American Literature, UCSD

May 15 James Baldwin. *"Go Tell It on the Mountain:* The Funky Soul of James Baldwin"
Keith Lowe, Ph.D., Assistant Professor of English Literature, UCSD

May 22 Norman Mailer. *"The American Dream:* Norman Mailer and the Aesthetic of Dominance"
Abraham Dijkstra, Ph.D., Assistant Professor of English and Comparative Literature, UCSD

May 29 John Barth. *"The Sotweed Factor:* John Barth and the Perversion of History"
George Szanto, Ph.D., Assistant Professor of German and Comparative Literature, UCSD

10 Meetings; 3 Units; $45 credit: $30 non-credit (See also page 31)
Thursdays 7-9:45 p.m. beginning March 27; Humanities-Library Auditorium, UCSD

History

Robert L. Munter, Ph.D.
Associate Professor of History, San Diego State College, San Diego

Studies in English History (20th Century England) XL 150G(4) (Formerly: Great Britain in the 20th Century XL 157)
The changing structure of the British economy, polity, society, and the culture from approximately 1780 to 1880. *Fee:* $60.
Sec. 90: Mr. Munter. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 11. Rm. 358, Roosevelt Jr. H.S., San Diego.

William M. Leary, Jr., Ph.D.
Assistant Professor of History, San Diego State College, San Diego

The United States and the Far East, 1850 to the Present X 403(3)
After surveying the background of American policy in the Far East from the middle of the nineteenth century to the First World War, the course will focus on the United States and the Great War for East Asia — that is, the coming of the Second World War in the Pacific, the Communist victory in China, the Korean War, and the Viet Nam conflict. *Fee:* $45.
Sec. 90: Mr. Leary. Thur. 7-10 p.m. 9 meetings. Mar. 27- May 29. Rm. 352, Roosevelt Jr. H.S., San Diego.

Iris H. Wilson, Ph.D.
Associate Professor of History, University of San Diego, San Diego

California History X 408(3)
The course is designed to emphasize California's unique cultural heritage and to highlight the special role played by local events during the early periods of exploration and settlement. Guidance for an appreciation of primary source materials and available literature vital to further study of the state's history will also be given. Class lectures will cover California's geographical influences, aboriginal culture, and the effect of its contact with the European world. A survey of Spanish backgrounds and colonial institutions will provide an understanding of their impact upon the state's early development. Emphasis will be placed upon missions, ranchos, pueblos, foreign visitors, and economic activities. Finally, the course will consider changes and progress under the independent government of Mexico; the influence of American settlers; the Gold Rush; and the complexities of California's modern era. *Fee:* $45.
Sec. 90: Miss Wilson. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 26. Rm. 309, Roosevelt Jr. H.S., San Diego.

Melvin J. Steinfield, A.M.
History, San Diego Mesa College, San Diego

History of Racism in the United States X 413(3)
The role of racism in American history from colonial times to today. Among the topics to be discussed by the instructor and guest lecturers are: definition of racism; racism in other countries; examples of racism in American history, Manifest Destiny and the Mexican War; the American Indians; Chinese and Japanese on the railroad, in the schools, in the concentration camps; ethnic minorities and immigration; slavery and discrimination in the legal codes; the Great Emancipator myth; textbook omissions and distortions; the Negro in literature; black authors; contributions of minority groups to American culture; racism in America today; the future of racism, black and white. *See page 41 for details. Fee:* $45, credit; $35, non-credit.
Sec. 90: Coordinator: Mr. Steinfield. Tue. 7-9:45 p.m. 10 meetings. Mar. 25-May 27. Rm. 3070, Undergraduate Science Bldg., UCSD, La Jolla.

Armin Rappaport, Ph.D.
Professor of History, Chairman of the Department, Provost of Third College, UCSD

American Policy Toward China: Does It Need Changing?
An examination of our present China policy to determine democratically if the policy is wise or if the policy needs revision. *See page 17 for details. Fee:* $10 (includes lunch).
Sec. 90: Mr. Rappaport and speakers. Sat. 9 a.m.-4:15 p.m. 1 meeting. May 3. Rm. 2722, Undergraduate Science Bldg., UCSD, La Jolla.

Home Economics

Minnie L. Zeni, B.S.
Teacher-Advisor, San Diego City Schools, San Diego

Art in Stitchery for the Classroom Teacher X 400(3)
Design fundamentals with particular attention to their relationship to stitchery and textile design. Teacher needs will be stressed and student practice centered on appropriate classroom application of techniques and processes. Lectures, visual materials, demonstrations and class activities will stress the development of teacher competency. NOTE: *Of interest to Art teachers and the general public. Enrollment is limited. Fee:* $45.
Sec. 90: Mrs. Zeni. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 27. Midway Jr. H.S., 3233 Kemper St., San Diego.

Betty B. Womack, M.A.
Teacher, Mt. Miguel High School, Spring Valley

Interior Design and Home Furnishing X 406(3)
A critical study of the home, organized for pleasant living, with particular emphasis on the functional aesthetic factors in the selection of color, floor coverings, textiles, draperies, furniture, and accessories, stressing individuality. Lectures, demonstrations, field trips and class projects. *Fee:* $45.
Sec. 90: Mrs. Womack. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Rm. 1160, Humanities-Library Bldg., UCSD, La Jolla.

Zoe E. Anderson, Ph.D.
Assistant Professor of Home Economics, San Diego State College, San Diego

Trends in Foods and Nutrition X 412(3)
Basic nutrition information applied to the selection of food in today's market place for individual and family health. *Fee:* $45.
Sec. 90: Miss Anderson. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 28. Rm. 352, Roosevelt Jr. H.S., San Diego.

Family Interaction: Insights Through Fiction X 425(3) See Social Sciences, page 45.

Industrial Relations

J. Wilson Getsinger, Ed.D.
Management Consultant, La Jolla

16th Management Institute
An advanced program in management and leadership principles bringing together educators, leading executives and other community leaders to present the results of their research and broad experience. *Fee:* $175 (includes enrollment, materials, notebooks and meals).
Sec. 90: Program Coordinator: Mr. Getsinger. Fri. & Sat. Fri. 1:30-8:30 p.m. Sat. 8:30 a.m.-12 m. 10 meetings. Five alternate weekends Mar. 28-May 24. Torrey Pines Inn, 11480 No. Torrey Pines Rd., La Jolla.

Language

ENGLISH

John P. Milon, B.A.
Department of Linguistics, UCSD

English as a Foreign Language X 400(3)
A conversation course for native speakers of languages other than English. The emphasis will be on control of the basic speech patterns of English through conversation. *Fee:* $45.
Sec. 90: Mr. Milon. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 19. Rm. 3030B, Undergraduate Science Bldg., UCSD, La Jolla.

FRENCH

Anne-Marie J. Malotki
Language Assistant, Department of Linguistics, UCSD

Beginning French X 401(3)
French reading and conversation. *Fee:* $45.
Sec. 90: Mrs. Malotki. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 3030B, Undergraduate Science Bldg., UCSD, La Jolla.

GERMAN

Elke D. Lange, Mittelschullehrerexamen
Language Assistant, Department of Linguistics, UCSD

Beginning German X 400(3)
German reading and conversation. *Fee:* $45.
Sec. 90: Mrs. Lange. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 20. Rm. 1160, Humanities-Library Bldg., UCSD, La Jolla.

SPANISH

Teresa G. Lee, M.A.
Language Assistant, Department of Linguistics, UCSD

Beginning Spanish X 401(3)
Spanish reading and conversation. *Fee:* $45.
Sec. 90: Mrs. Lee. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 20. Rm. 3030B, Undergraduate Science Bldg., UCSD, La Jolla.

Methods and Materials for Elementary Teachers of English as a Second Language X 324.06(3) See Education, page 22.

Library Service

Robert C. Westerman, M.A.
Reference Librarian, UCSD

Methods of Information Control: Guide to Specialized Bibliography X 484(3)
Developing skills in economical methods for identifying the abstracting, indexing and reviewing sources in any specialized subject. The course will involve two introductory lectures (Apr. 7 & 14, 7-10 p.m.), a weekend marathon at the Central University Library (Apr. 19 & 20, 8 a.m.-6 p.m.), and a final lecture (June 2, 7-10 p.m.). *Enrollment is limited.* NOTE: *Of interest to teachers, librarians, and other professions. Fee:* $45.
Sec. 90: Mr. Westerman. Mon. 7-10 p.m. 5 meetings. April 7-June 2. Rm. 1154, Humanities-Library Bldg., UCSD, La Jolla and marathon weekend in Central University Library, UCSD.

Linguistics

Elke D. Lange, Mittelschullehrerexamen

Linguistics for Teachers of German X 303(3)
Comparative analyses of German and English phonology, morphology and syntex from the transformational point of view. The course is designed to give insight into the most current methods of aiding the learning process through an understanding of the linguistic structures of English and German. *Prerequisite:* Knowledge of German. *Fee:* $45.
Sec. 90: Mrs. Lange. Wed. 7-10 p.m. 9 meetings. Mar. 26-May 21. Rm. 1154, Humanities-Library Bldg., UCSD, La Jolla.

John P. Milon, B.A.
Department of Linguistics, UCSD

Methods and Materials for Teachers of English as a Foreign Language in Secondary and Adult Education X 304(3)
This course will focus on the techniques and materials used in teaching English as a Foreign language to mature students. The significant methods and teaching materials currently in use will be emphasized. The course will consider such topics as the audio-lingual method, the contribution of linguistics to language teaching, the construction of dialogues and pattern drills, the use of visual aids and reading material, and the adaptation of more traditional texts to the newer methodology. *Fee:* $45.
Sec. 90: Mr. Milon. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 122, Roosevelt Jr. H.S., San Diego.

AND THE PROBLEMS OF MENOPAUSE

Fee: $9.00, includes lunch
Date: Saturday, June 14, 1969

University of California Extension, San Diego
In Cooperation With UCSD School of Medicine presents

A One-Day-Conference—SATURDAY JUNE 14, 1969

A one-day conference open to the public on the youth pill and the problems of menopause.

MODERATOR: Katherine F. Carson, M.D., Obstetrician and Gynecologist

9 a.m. Introduction to Problems of the Menopause. Dr. Carson.

9:15 a.m. Gynecological Changes During Menopause—Function and Complications of the "Youth Pill" (Estrogen therapy). Purvis Martin, M.D., Associate Clinical Professor of Obstetrics/Gynecology, UCSD School of Medicine.

10:00 a.m. Endocrine Changes During Menopause. Paul Jagger, M.D., Associate Professor of Medicine in Residence, UCSD School of Medicine.

10:45 a.m. Bone Problems and Loss of Height. F. Bruce Kimball, M.D., Associate Clinical Professor of Surgery/Orthopedics, UCSD School of Medicine.

11:30 a.m. Discussion

NOON Lunch

1:30 p.m. Skin Problems Associated With Menopause. Walter R. Nickel, M.D., Associate Clinical Professor of Medicine/Dermatology, UCSD School of Medicine.

2:15 p.m. Emotional Problems at The Time of Menopause. Samuel Sandweiss, M.D., Psychiatrist.

3:00-3:30 p.m. Discussion

Hilton Inn, 1775 East Mission Bay Drive

Margaret Langacker, M.A.
Teacher of Linguistics, San Diego

Transformational Grammar and the Teaching of English X 484(3) (The New English for Elementary School Teachers)
Principles of transformational grammar. The application of these principles in a description of English syntax. The value of transformational grammar in the primary and secondary English curriculum. *Fee:* $45.
Sec. 90: Mrs. Langacker. Tue. 3-6 p.m. 9 meetings. Mar. 25-May 27. Emerald Jr. H.S., 1221 S. Emerald Ave., El Cajon.

Mathematics

Patrick J. Ledden, Ph.D.
Assistant Professor,
Department of Mathematics, UCSD

Calculus and Analytic Geometry XSD 2B(4)
Continuation of calculus of functions of one variable: differentiation and integration of logarithm, exponential functions, Taylor's formula. Parametric representation. Applications of integration. Elements of linear algebra; analytic geometry in three-space. *Prerequisite:* Calculus and Analytic Geometry UCSD 2A, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Ledden. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 3. Rm. 1166, Humanities-Library Bldg., UCSD, La Jolla.

John J. Harton, Ph.D.
Staff Consultant, UNIVAC—
Division of Sperry Rand, San Diego

Analysis XL 131A(4) (Formerly: Advanced Calculus XL 122A)
Completeness of the real line; countable and uncountable sets; neighborhoods, open, closed, compact and connected sets; continuous functions of one variable; convergence of sequences and series, uniform convergence; differentiation theory for mappings between Euclidean spaces. *Prerequisite:* Linear Algebra and Calculus UCLA 12C or Intermediate Calculus and Applications UCLA 13C, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Harton. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 356, Roosevelt Jr. H.S., San Diego.

Bruno F. W. Witte, Diplom-Ingenieur
Mathematician, Naval Electronics
Laboratory Center, San Diego

Numerical Analysis XSD 141A(4)
Numerical approximations, interpolation, roots of equations and systems of linear equations, linear eigenvalue problems. *Prerequisite:* Matrices and Linear Transformations UCSD 101, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Witte. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 121, Roosevelt Jr. H.S., San Diego.

Edwin M. Campbell, Jr., M.M.
Chief of Programming, UCSD

Scientific Computer Programming: FORTRAN X 437.5(3)
Study of the FORTRAN system for solution of scientific and engineering problems on the IBM 360/65, the CDC 3600 or other large digital computers Course emphasis is on the basic FORTRAN programming language covering arithmetic, input and output, control, specifications and sub-programs. Included is information on the system programs such as the FORTRAN compiler, monitor and loader. The most recent version of the FORTRAN language, FORTRAN IV, will be discussed. No previous acquaintance with computing machines or programming is necessary. *Prerequisite:* One year of college mathematics, or equivalent, or consent of instructor. *Fee:* $55 (includes computer time).
Sec. 90: Mr. Campbell. Wed. 7-10 p.m. 9 meetings. Mar. 26- May 21. Rm. 2104, Urey Hall, UCSD, La Jolla.

Donald O. Whited, M.A.
Instructor—Mathematics,
San Diego City Schools, San Diego

Intermediate Mathematics for Secondary Teachers X 498.1(3)
A continuation of X 498. Topics covered are logarithms and exponents trigonometry, introduction to vectors, polar form of complex numbers, sequences and series, permutations, combinations, the binomial theorem, and introduction to probability. *Fee:* $45.
Sec. 90: Mr. Whited. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 27. Rm. 355, Roosevelt Jr. H.S., San Diego.

New Mathematics Program in Public Schools X 320.5A(4), Kindergarten Program and Practices: Mathematics and Science X 321.18(3), Mathematics and Science in the Elementary School X 324.59(4), Mathematics and the Low Achiever in the Elementary School X 328.57(3) See Education, page 20.

Advanced Engineering Mathematics X 410(3) See Engineering, page 27.

Music

Richard P. Slaker, M.A.
Music Consultant,
San Diego City Schools, San Diego

Autoharp for the Classroom Teacher X 404A(3)
Learning to accompany children's music, including folk music from the United States and other countries, sea chanties, spirituals, and songs with descants. Emphasis will be on the harmonic use of the autoharp with all elements of music to be studied. Other areas to be included: how to transpose, creating harmonic accompaniments, and tuning the instrument. NOTE: The student must furnish his own autoharp. *Fee:* $45.
Sec. 90: Mr. Slaker. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 8, Roosevelt Jr. H.S., San Diego.

Wilbur L. Ogdon, Ph.D.
Chairman, Music Department,
UCSD

Individual Instruction in Music X 405(1)
Program of private music instruction in voice, violin, viola, piano, harp, flute, bassoon, trumpet, clarinet, trombone, percussion, guitar, or contrabass. *See page 24 for details.* Prerequisite: Acceptance by individual instructor. *Fee:* $175.
Sec. 90: Mr. Ogdon and Staff. Days, Time of Day, Beginning and Ending Dates, Meeting Location: arranged individually.

Bertram J. Turetzky, M.M.
Assistant Professor,
Music Department, UCSD

The New World of Sound X 406(2)
Series of 13 half-hour telesessions and two contact classroom sessions, surveying controversial techniques and aesthetics which have changed the face of music. The telecourse will utilize on-camera performances, film and documentary tapes, electronic music, happenings, aleatoric music, mixed media and theater pieces. *Contact sessions will be scheduled after the scheduled 6th and 13th telesessions. See page 44 for details. Fee:* $30.
Sec. 90: Mr. Turetzky. TV: Sun.; 9 to 9:30 a.m. Mar. 23 - June 15. Telesessions on KOGO-TV (Channel 10).

Bertram J. Turetzky, M.M.

Definitions in Jazz X 408(3)
The exploration of jazz as 20th century musical language with a studied avoidance of "jazz legendary" and other peripheral data. The definitions will be both verbal and nonverbal and will be presented by noted jazz musicians, jazz critics, and historians in the form of five lectures and five jazz concerts. *See page 44 for details. Fee:* $53, credit; $38, non-credit; (includes admission to all concerts).
Sec. 90: Mr. Turetzky. Tue. 7-9:45 p.m. 10 meetings. Apr. 1-June 3. Class sessions: Rm. 2722, Undergraduate Science Bldg., UCSD, La Jolla.

Peter M. Powell, A.B.
Teacher,
San Diego City Schools, San Diego

Folk Guitar for the Classroom Teacher X 418A(3) (Formerly: X 418)
Guitar accompaniment for folk music as an expression of those cultures considered in the Social Studies curriculum of the elementary school. Basic first position keys and chords. Harmonization by ear, ear training, transposition. The student must provide a "Spanish" or "classic" guitar for his own use. Not open for credit to students who have received credit for Music X 418. *Fee:* $45.
Sec. 90: Mr. Powell. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 29. Rm. 8, Roosevelt Jr. H.S., San Diego.

Peter M. Powell, A.B.

Intermediate Folk Guitar, Part I X 419A(3)
Secondary harmony. Introduction of substitution chords. Introductory Latin American rhythms, country style, finger picking. Bass melodic line. Repertoire of additional American folks songs. *Prerequisite:* Beginning guitar, or equivalent, or consent of instructor. *Fee:* $45.
Sec. 90: Mr. Powell. Tue. 7-10 p.m. 9 meetings. Mar. 25-May 20. Rm. 8, Roosevelt Jr. H.S., San Diego.

Music in Early Childhood Education X 321.71(3), Music in Elementary Schools, Part I X 324.72(3) See Education, page 24.

Obstetrics/Gynecology

Katherine F. Carson, M.D.
Private Practice & Attending Staff at University Hospital of San Diego County, San Diego

The Youth Pill and Problems of Menopause
A one-day conference open to the public on the youth pill and problems of menopause. Participating physicians will review menopause symptoms and will discuss "The Youth Pill" which is used in menopause therapy. They will also consider the emotional problems facing women in the 40-55 age group and other psychological and physiological aspects of menopause. *See page 36 for details. Fee:* $9 (includes lunch).
Sec. 90: Moderator: Dr. Carson. Sat. 9 a.m.-3:30 p.m. 1 meeting. June 14. Hilton Inn, 1775 E. Mission Bay Dr., San Diego.

Oceanography

Donald C. Lynn, M.S.
Teacher, Southwestern College, Chula Vista

Introduction to Chemical Oceanography X 113(4) (Formerly: XSD 113)
Chemical description of the sea; the distribution of chemical species in the world oceans, and their relation to physical and biological processes. *Prerequisite:* The mathematics, physics, and chemistry required for admission to the graduate curriculum in oceanography, or equivalent, or consent of the instructor. *Fee:* $60.
Sec. 90: Mr. Lynn. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 202, Scripps Hall, Scripps Institution of Oceanography, UCSD, La Jolla.

Arthur O. Flechsig, M.A.
Associate Specialist, Oceanography, S.I.O., UCSD

Underwater World: A Marine Ecology Workshop for Scuba Divers X 407(3)
An introduction to the ecology of coastal waters designed for those who are already diving with SCUBA. Topics will include the diversity of coastal life, adaptations and behavior of marine organisms, physical phenomena in shallow marine waters, and interactions among the organisms and with the environment. Emphasis will be given to helping students develop the ability to further their knowledge along lines of personal interest. Three all-day field trips will be arranged to identify organisms and demonstrate some behavioral phenomena. *Prerequisite:* Certificate of diving ability. *Fee:* $50.
Sec. 90: Mr. Flechsig. Thur. 7-9:45 p.m. 10 meetings & 3 field trips. Mar. 27-May 29. Rm. 1108, Humanities-Library Bldg., UCSD, La Jolla.

Workshop in Oceanography for Teachers X 324.65(3), Advanced Workshop in Oceanography for Teachers X 324.69(4), See Education, page 23.

Philosophy

Patrick F. Pidgeon, B.A.
Philosophy Department, UCSD

The Nature of Philosophy XSD 10(4)
An introduction to metaphysics and the theory of knowledge, dealing with such matters as the ultimate constituents and structure of the world, the nature of the mind, knowledge and truth. *Fee:* $45.
Sec. 90: Mr. Pidgeon. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 4. Rm. 1148, Humanities-Library Bldg., UCSD, La Jolla.

Patrick F. Pidgeon, B.A.

Man and Society X 410(3)
An examination of the relation between theories regarding human nature and theories concerning the nature of the state, society and government. *Fee:* $45.
Sec. 90: Mr. Pidgeon. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 19. Rm. 1108, Humanities-Library Bldg., UCSD, La Jolla.

Ronald V. Kirkby, Ph.D.
Assistant Professor of Philosophy, UCSD

Introduction to Moral and Political Philosophy X 420(3)
An introduction to the fundamental concepts of moral and political philosophy; specifically, an analysis of the nature of right and wrong, good and evil, from a number of points of view, some of them historical; an analysis of the role of morality in society; and an introduction to the key terms in political philosophy: terms such as "law," "legitimacy," "authority," "freedom," "subordination," "right," "duty," "obligation," and so on. The course will focus on these concepts by examining in detail the current moral and political scene. *Fee:* $45.
Sec. 90: Mr. Kirkby. Thur. 7-10 p.m. 9 meetings. Mar. 27-May 22. Rm. 1154, Humanities-Library Bldg., UCSD, La Jolla.

G. Ray Jordan, Jr., Ph.D.
Assistant Professor of Philosophy, San Diego State College, San Diego

Buddhist Philosophy and Zen Practice X 430(3)
Historical context, origin and spread of Buddhism in Indian culture. Basic writings, features and motifs as they developed, flowered and waned to rise again in other areas. Theoretical, methodological and historical background of Zen Buddhism from its origin in India to its development in China, Japan and Vietnam, with special attention to methods of practice and understanding. *Fee:* $45.
Sec. 90: Mr. Jordan. Tue. 7:15-10 p.m. 10 meetings. Mar. 25-May 27. Rm. 3020, Undergraduate Science Bldg., UCSD, La Jolla.
Sec. 91: Mr. Jordan. Wed. 9:15 a.m.-12 m. 10 meetings. Mar. 26-May 28. The Vista Rm., American Association of University Women Clubhouse, 6545 Alcala Knolls Dr., San Diego.

Esthetics and Literary Values X 416(3) See English, page 31.

The Southern California Scene: Coastal Areas of San Diego

Geography X 450.1(3)

Mr. Sam Hinton, Associate Director of Relations with Schools, UCSD

An interdisciplinary course designed to present an integrated view of the San Diego environment:

March 24 LAND AND LIFE IN SOUTHERN CALIFORNIA: OVERVIEW
Dr. Homer Aschmann, Professor of Geography, U.C. Riverside

March 31 GEOLOGY OF THE COASTAL AREAS OF SOUTHERN CALIFORNIA

April 7 THE SEA OFF SOUTHERN CALIFORNIA: PHYSICAL ASPECTS
Dr. Paul Horrer, Bendix Marine Advisers, La Jolla (pending)

April 14 WEATHER AND CLIMATE
Dr. Harry P. Bailey, Professor of Geography, U.C. Riverside

April 21 THE SEA OFF SOUTHERN CALIFORNIA: BIOLOGICAL ASPECTS
Mr. Hinton

April 28 THE PLANTS OF COASTAL SOUTHERN CALIFORNIA AND THEIR DISTRIBUTION
Dr. Albert W. Johnson, Associate Professor of Biology, San Diego State

May 5 THE LAND ANIMALS OF COASTAL SOUTHERN CALIFORNIA AND THEIR DISTRIBUTION
Dr. Gerald Collier, Assistant Professor of Zoology, San Diego State

May 12 FIRST INHABITANTS: THE INDIANS OF SOUTHERN CALIFORNIA, THEIR LANGUAGES AND CULTURES
Dr. Margaret H. Langdon, Assistant Professor of Linguistics, UCSD

May 19 MAN AND THE ENVIRONMENT: THE INFLUENCES OF THE ENVIRONMENT UPON URBAN AND SOCIAL DEVELOPMENT
Dr. Aschmann

May 26 SAVING THE ENVIRONMENT: POLLUTION AND OTHER PROBLEMS
Dr. Edward Goldberg, Professor of Chemistry, Scripps Institution of Oceanography, UCSD

10 meetings; 3 units; $45 credit; $30 non-credit

Monday, 7-9:45 p.m.
Humanities-Library Auditorium,
Revelle College, UCSD

"the effective use of your zoo"

Reptiles, Birds and Animals of the San Diego Zoo

Biology X 420(3)

Alvin W. Brereton, Education Director, San Diego Zoo

Four Saturday sessions at the Zoo designed to provide much of the basic information necessary for imaginative, effective study trips and follow-up activities.

April 12 Introduction to animals. The development of a creative awareness of living things. General discussion of reptiles: crocodilians, turtles and tortoises, lizards, and snakes.

April 26 General discussion of birds. Specific utilization of flightless birds, birds of prey, shore and wading birds, and hummingbirds. Exemplary study trips utilizing birds.

May 10 General discussion of mammals. Specific utilization of marsupials; predators (canine and feline); ruminants (cattle, sheep, and goats); and pachyderms.

May 24 General discussion of evolution and evolutionary trends, including geographic and ecologic aspects. Specific utilization of primates. Student construction and demonstration of ideal study trips.

4 meetings; 3 units; $45, includes complimentary admissions.

Alternate Saturdays, 9 a.m.-5 p.m. in the San Diego Zoo, Balboa Park, San Diego. (See also page 46)

Physical Education

These physical education courses are provided as a community service for those who have little opportunity to organized physical exercise and who would benefit from exercise and recreation under the supervision of a qualified physical education instructor.

Howard F. Hunt, M.A.
Assistant Supervisor, Department of Physical Education, UCSD

Adult Physical Fitness for Women 830
Included in the course are self-testing procedures, short lectures, and attention to the development of individual fitness programs. Practical application of current trends and methods in body conditioning. Particular emphasis is placed on improvement of peripheral muscle tone and development of a philosophy of daily activity. *Fee:* $37 (includes locker fees with additional privileges).
Sec. 90: Mr. Hunt. Mon. & Wed. 7-8:15 p.m. 20 meetings. Mar. 24-May 28. Combative Rm., No. Side, Ground Floor, Gym, UCSD, La Jolla.

Frank B. Thiess, Ph.D.
Assistant Professor of Mathematics, UCSD
and
Hidetaka Nishiyama, M.A.
Chairman, All American Karate Federation, Los Angeles

Karate 834
Instruction and training in the fundamentals of Karate, emphasizing: (1) basic stances and techniques; (2) "kata" (ancient stylized sequences of defensive and counter-offensive movements); (3) sparring, a graded progression from strictly controlled defense and counter-attack situations to free sparring for competition. NOTE: Students are to provide their own Gi's. *Fee:* $42 (includes locker fees with additional privileges).
Sec. 90: Mr. Thiess & Mr. Nishiyama. Mon. & Thur. 7-9 p.m. 20 meetings. Mar. 24-May 29. No. Balcony, Gym, UCSD, La Jolla.

Ben S. Sekishiro
Chief Instructor, San Diego Aiki-Kai; Vice President, California Aikido Federation (Los Angeles)

Aikido 836
Aikido is a martial art rich in Japanese culture and tradition while being thoroughly modern and universal in its appeal by offering physical and mental training dedicated to the enjoyment of daily life. It provides a non-aggressive, non-competitive art of self-defense for men and women of all ages through the development of an individual's sense of balance, timing, and mental attitude. *Fee:* $37 (includes locker fees with additional privileges).
Sec. 90: Mr. Sekishiro. Tue. & Thur. 7-8:30 p.m. 18 meetings. Mar. 25-May 22. Combative Rm., No. Side, Ground Floor, Gym, UCSD, La Jolla.

Psychology

Harry L. Munsinger, Ph.D.
Associate Professor, Department of Psychology, UCSD

Developmental Psychology XSD 10(4)
An introduction to the psychological development of the human organism with special reference to cognitive development in the child. *Fee:* $60.
Sec. 90: Mr. Munsinger. Wed. 7-10 p.m. 12 meetings. Mar. 26-June 4. Rm. 1166, Humanities-Library Bldg., UCSD, La Jolla.

James L. Chipps, Ph.D.
Psychologist, San Diego

Adolescence XL 133A(4) (Formerly: Psychology of Adolescence XL 113)
The physical, psychological and social development of the adolescent. *Prerequisite:* Developmental Psychology UCLA 130, or equivalent, or consent of instructor. *Fee:* $60.
Sec. 90: Mr. Chipps. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 350, Roosevelt Jr. H.S., San Diego.

Waldemar Hagen, M.S.
Owner-Director, Personnel Planning, San Diego

Interviewing and Counseling Techniques X 400(4)
Emphasis on techniques and principles of interviewing and simple counseling. Lectures and classroom practice. *Fee:* $60.
Sec. 90: Mr. Hagen. Tue. 7-10 p.m. 12 meetings. Mar. 25-June 10. Rm. 306, Roosevelt Jr. H.S., San Diego.

Hilda T. Grey, B.S., R.N.
La Jolla

Growth of the Mind—The Pre-School Years X 406(3)
When asked in what three years man learns most, Darwin was reported to have said, "The first three." This course is directed to parents and those teachers who determine how enriching those first three years will be for the child. The course will explore how parents can assure a higher mental capacity for their children before they enter school and how parents and teachers influence future capabilities and success of children. *See page 14 for details. Fee:* $45, credit; $30, non-credit.
Sec. 90: Coordinator: Mrs. Grey. Wed. 7-9:45 p.m. 10 meetings. Mar. 26-May 28. Auditorium, University Hospital of San Diego County, 225 W. Dickinson St., San Diego.

Family Interaction: Insights Through Fiction X 425(3) See Social Sciences, page 45.

Repeat of a significant winter quarter course. Enrollment is limited.

The History of Racism in the United States

History X 413 (3)

"Ever since the birth of our nation, white America has had a schizophrenic personality on the question of race. She has been torn between selves—a self in which she proudly professed the great principles of democracy and a self in which she sadly practiced the antithesis of democracy. . . . The roots of racism are very deep in America. Historically, it was so acceptable in the national life that today it still only lightly burdens the conscience . . ."

Martin Luther King, Jr., *Where Do We Go From Here: Chaos Or Community?*

The Kerner Commission, the Blacks, the Browns, and even the Red Indians label America a racist nation. Yet our history books make little or no mention of racism in our history. This course presents a carefully documented history of racism:

March 25: CRACKS IN THE MELTING POT: A brief survey of racism in America. Melvin Steinfield, History, San Diego Mesa College.

April 1: TEXTBOOK DISTORTIONS: The Myths of Black History. Robert Russell, History, San Diego High School.

April 8: THE BROWN TARGETS OF RACISM: Panel. "Was Racism a Cause of the Mexican War?" Dr. David J. Weber, History, San Diego State College.

"Racism and Mexican-Americans Today"; Frank Saiz, Community Relations Consultant.

April 15: ETHNIC MINORITIES: Immigration and Discrimination. Dr. Michael E. Parrish, Assistant Professor of History, UCSD.

April 22: ANTI-SEMITISM IN AMERICA: Religious Racism? Dr. Abraham P. Nasatir, Professor of History, San Diego State College.

April 29: THE LITERARY SCENE: Black authors and "the Negro" in literature. G. James Gilliam, Social Studies, Grossmont High School.

May 6: VANISHING AMERICANS: Was American Indian Policy Racist? John Steiger, History, San Diego Mesa College.

May 13: ORIENTALS IN AMERICA: Responses to the "yellow peril." Mrs. Frances Makkreel, Lecturer in History, UCSD.

May 20: RACISM TODAY: A montage. "The Manifestations of Institutional Racism." Tom Johnson, NAACP.

"What the Local Establishment is Doing to Challenge Racism." Clinton McKinnon, Co-Chairman, San Diego Urban Coalition; owner and publisher of *The Sentinel* and *The La Jolla Light/Journal*.

"The Psychological Effects of Racism." Robert Guthrie, Author, *Psychology in the World Today*.

May 27: THE FUTURE OF RACISM: Panel. "Brown Responses to Racism in the 1970's." Gustav Segade, Assistant Professor of Spanish, San Diego State College.

"Black Responses to Racism in the 1970's." Walter Wallace, Defense Captain, Black Panthers, San Diego.

"White Responses to Racism in the 1970's." Lawrence Schwartz, Political Science, San Diego City College.

Coordinator: Melvin Steinfield, San Diego Mesa College. 10 meetings; 3 units, $45 credit; $35 non-credit; Tuesdays, 7-9:45 p.m. Room 3070, Undergraduate Science Bldg., UCSD, La Jolla. (See also page 34)

Real Estate

Lee E. Rens, B.S.
Owner-Manager,
Lee E. Rens Realty, San Diego

Real Estate Practice X 475.2(4) (Formerly: X 481.2)
A comprehensive presentation of the techniques of operating a real estate business, with emphasis on the daily activities of brokers and salesmen. Some of the topics emphasized in this course are: The dynamics of the real estate market, effective interviewing techniques, prospects—securing and qualifying them, how to secure realistic listings, objections—how to meet and overcome them, real estate mathematics and finance, sources of primary and secondary mortgage money, expediting the escrow-delays and how to avoid them, fair market value approaches, legal factors in the real estate transaction, closing the sale—imagination in selling, how to execute all pertinent "legal paper," effective advertising—the advertising budget, public relations—before and after the sale, development of effective community relations. Real estate principles and practices will be put into actual use in workshop situation; by means of case study, the student will complete a variety of real estate transactions, with particular emphasis on deposit receipts, listings, prorations, appraisals, real estate mathematics and finance. NOTE: *In addition to the meetings shown, there will be one six-hour Saturday session (date to be arranged) to meet the requirements of the California State Division of Real Estate. Fee:* $60.
Sec. 90: Mr. Rens. Mon. 7-10:15 p.m. 12 meetings. Mar. 24-June 9. Rm. 1160, Humanities-Library Bldg., UCSD, La Jolla.

Lee C. Johnson, B.A.
Independent Fee Appraiser,
San Diego

Intermediate Real Estate Appraisal (Appraisal II) X 475.5(4) (Formerly X 481.5)
This is a theory course combining the appraisal of all types of real property. Some of the subjects emphasized in this course are: The appraisal process with emphasis on the principles underlying the selection, analysis and use of data. Analysis of value, price, property, legal rights in real property; historical development of value concepts in appraisal theory. Principles of valuation. Analysis of the real estate market; relationship between real estate values and economic, social and government trends on national, regional, and local levels. Economics of urbanization; location and value; analyzing the use-potential of a location. Neighborhood analysis. Site utilization and property value; relationship of construction and architecture to cost standards and value. Depreciation. Approaches to valuation: Cost, market data, income. Techniques of capitalization—recapture of depreciation. Correlation and final value estimate. *Fee:* $60.
Sec. 90: Mr. Johnson. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 355, Roosevelt Jr. H.S., San Diego.

Donald E. Patterson, B.S.
Property Manager, John Burnham & Company, San Diego

Property Management X 476.2(4) (Formerly: X 482.2)
Organization and administration of property management agency, including location of the office, selection of office personnel, office procedures and accounting; developing clientele, special property studies and appraisals; office building management; single and multi-family dwelling management; management of commercial property and loft buildings; rentals, leases and sales, property insurance, liens and encumbrances. *Prerequisite:* It is recommended that the student complete at least three basic courses in the Certificate Program before enrolling in this course. *Fee:* $60.
Sec. 90: Mr. Patterson. Thur. 7-10 p.m. 12 meetings. Mar. 27-June 12. Rm. 360, Roosevelt Jr. H.S., San Diego.

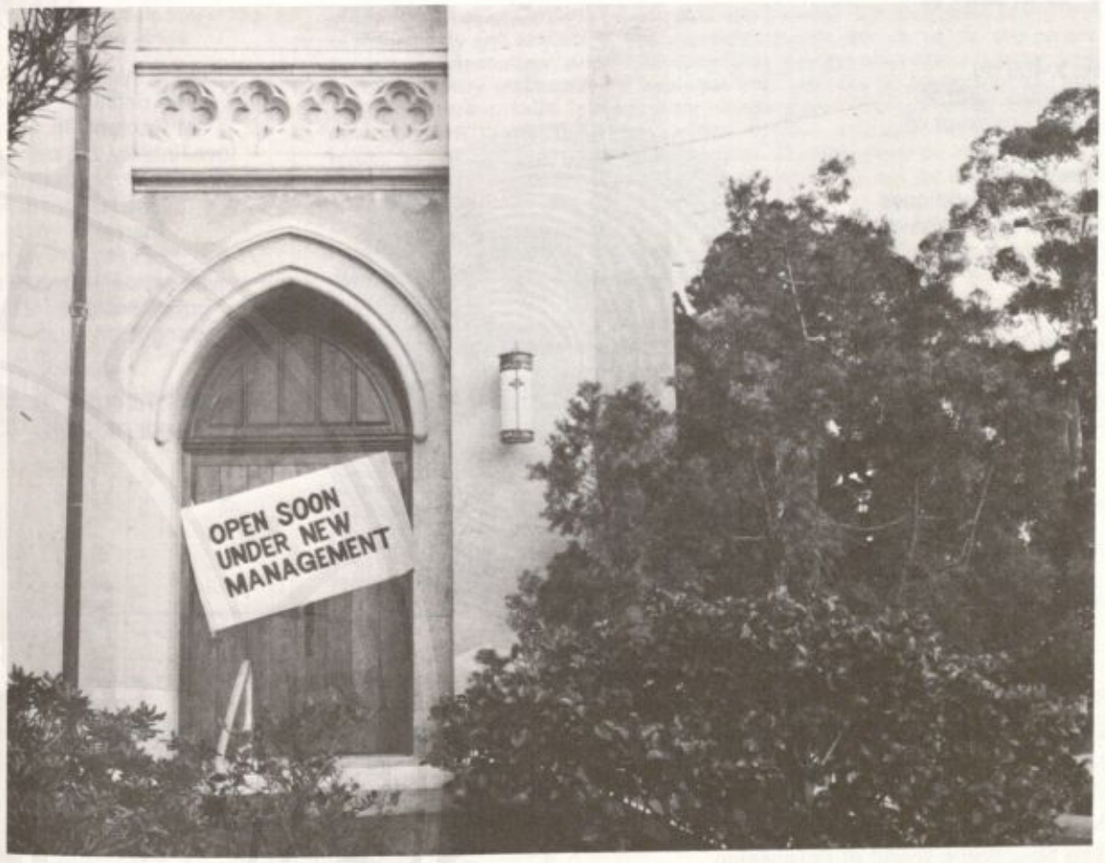
Religious Studies

Ernest C. Mort, M.A.
Roman Catholic Chaplain, UCSD
and
John G. Huber, B.A., B.D.
Lutheran Campus Pastor, UCSD

Crisis of Faith X 404(3)
This course attempts to lead to an understanding of the crisis of faith in Protestantism, Catholicism and Judaism. The lectures and discussions will deal with the current crises of authority, conscience, a changing morality, the pill, conflicts between conservatives and progressives, and a changing church and synagogue in a changing world. *See page 43 for details. Fee:* $45, credit; $30, non-credit; students: $10.
Sec. 90: Coordinators: Father Mort, Rev. Huber. Mon. 7-9:45 p.m. 10 meetings. Mar. 31-June 2. Rm. 2622, Undergraduate Science Bldg., UCSD, La Jolla.

CRISIS OF FAITH

Religious Studies X 404(3)



This course attempts to lead to an understanding of the crisis of faiths in Protestantism, Catholicism and Judaism. The lectures and discussions will deal with the current crises of authority, conscience, a changing morality, the pill, conflicts between conservatives and progressives, and a changing church and synagogue in a changing world.

DIAGNOSIS

March 31 PROTESTANT, CATHOLIC, JEW: Origins of the Crisis
Dr. Will Herberg, Professor of Sociology, Drew University, New Jersey

April 7 THE CATHOLIC CRISIS
Fr. Dan O'Hanlon, Professor of Religion, Santa Barbara

April 14 THE JEWISH CRISIS
Dr. Alfred Gottshalk, Dean of Hebrew Union of Los Angeles

April 21 THE PROTESTANT CRISIS
Dr. Joseph Hough, Dean of Graduate Studies, School of Theology, Claremont

April 28 DIALOGUE ON THE CRISIS
Protestant, Catholic, Jewish laymen

REMEDIES

May 5 A PROTESTANT REMEDY
Dr. Joseph Hough

May 12 A CATHOLIC REMEDY
Fr. Harry McSorley, C.S.P., Lecturer and Reformation scholar at UCSD

May 19 A JEWISH REMEDY
Dean Alfred Gottshalk

May 26 DIALOGUE ON THE REMEDIES
Protestant, Catholic, Jewish laymen

June 2 THE FUTURE OF THE PROTESTANT, CATHOLIC, JEWISH DIALOGUE
Small group discussions to be led by Protestant, Catholic, Jewish laymen and ministers

Coordinators: The Rev. Ernest C. Mort, Catholic Chaplain, UCSD
The Rev. John G. Huber, Lutheran Campus Pastor, UCSD

10 Meetings; 3 Units; $45 credit; $30 non-credit; $10 students (Note: Student enrollments may not exceed adult enrollments.)

Mondays, 7-9:45 p.m.: Room 2622, Undergraduate Science Building, UCSD

The New World of Sound

Music X 406 (2)
Mr. Bertram Turetzky,
Assistant Professor of
Music, UCSD
A survey of the
controversial techniques
and aesthetics that have
changed the face of music.

KOGO-TV and
University Extension
present
a new television
course in color

Definitions and Limitations. Mr. Turetzky

New Instrumental Resources. William Overton Smith (Bill Smith) and Mr. Turetzky

Meet the Composer: Robert Erickson

The New Sonic World of Percussion

Electronic Music. James Erickson

Meet the Composer: Pauline Oliveros

Meet the Composer: Kenneth Gaburo

The New Music and the New Art. Harold Budd

Theater Pieces. Bert Turetzky performs "Strobo I" written especially for him by Argentinian composer, Alcides Lanza.

Meet the Composer: Paul Chihara. "Eastern Influences on Twentieth Century Music"

Graphic Notation and Aleatoric Music. Mr. Turetzky

The New Music and the New Music Education. Dr. Wilbur Ogdon

Of special interest to alienated music fanciers, music teachers and people associated with the allied arts.

SUNDAYS, 9-9:30 a.m. from March 23 through June 15, 1969.

FOR EVERY VIEWER: Please watch, enjoy and be challenged by these telesessions. Syllabus available for $2.

FOR CREDIT STUDENTS ONLY: 13 telesessions and 2 contact sessions with Mr. Turetzky after the scheduled sixth and thirteenth telecasts. 2 units. $30, includes syllabus.

Definitions in Jazz

Many things are difficult to define or describe satisfactorily in words—love, infinity, the color red, a migraine headache. None is more difficult than jazz. We're not going to try very hard with words. Instead we're going to define jazz with the thing itself—jazz music.

Music X 408 (3)

Bertram Turetzky, Assistant Professor of Music, UCSD

The exploration of jazz as Twentieth Century musical language with a studied avoidance of "jazz legendary" and other peripheral data.

FIVE LECTURES AND FIVE CONCERTS

April 1 Definitions. Mr. Turetzky

April 8 *CONCERT:* Emil Richards and the New Time Element plus The Sound of Feeling

April 15 Genesis: Early Jazz. Roger de Laix, Assistant Professor of History, UCSD

April 22 *CONCERT:* Bart Hazlett Dixieland Band featuring John Best. Special guest: Matty Matlock

April 29 That Swing Thing: The Thirties and Forties. Leonard Feather, jazz historian and critic, San Francisco

May 6 *CONCERT:* Archie Shepp Sextet

May 13 The Be-Bop Business. Ross Russell, jazz critic and author

May 20 The New Thing. Durant Robertson, New York City

May 27 *CONCERT:* Herbie Hancock Sextet

June 3 *CONCERT:* Big Mama Thornton

10 Meetings; 3 Units; Fee, including concerts: $53 credit; $38 non-credit
Tuesdays, 7-9:45 p.m. (Concerts 8 p.m.)
Location: Room 2722, Undergraduate Science Building, Revelle Campus, UCSD
CONCERTS ONLY: Series Ticket $10
Individual Concerts $3
Student Series $6
Individual Concerts $2

Social Sciences

Rose M. Somerville, Ed.D.
Assistant Professor of Family Relations, San Diego State College, San Diego

Family Interaction: Insights Through Fiction X 425(3)
An interdisciplinary workshop for deepening understanding of family relationships in a changing society. Plays, novels, and short stories will illuminate newer concepts of masculinity and femininity, spousal expectations, sex standards, and parent roles. Sociology, psychology, and philosophy offer the generalizations against which the specific literary instances are explored. For teachers of social studies, literature, and family living, skills in discussing literature for human relations insights will be developed. NOTE: *Enrollment is limited. Advance enrollment is recommended. No refund will be made after the course begins. Students must be in attendance at first meeting to receive credit. Readings for pre-enrollees will be available. Of special interest to both men and women. Fee:* $45.
Sec. 90: Mrs. Somerville. Sat. 10 a.m.-3:30 p.m. 5 meetings. Apr. 26-May 24. Rm. 531, Grossmont College, 8800 Grossmont College Dr., El Cajon.

Social Welfare

Leslie J. Atkinson, B.D.
Campus Minister, United Campus Ministry, UCSD

Helping People in a Crisis X 405(3)
Crisis counseling or crisis intervention is counseling which deals with a state of great unsettlement experienced by a person or a family, arising from a problem which they are not capable of solving without appreciable disorganization, distress, or inability to function in many normal situations. The crisis is usually of very short and intense duration, and without resolution may lead to further drastic irreversible actions. This course will attempt to understand the anatomy of a crisis, some of the whether's and when's of intervening and some specific kinds of crisis. *See page 27 for details.* *Fee:* $45, credit; $30, non-credit.
Sec. 90: Mr. Atkinson. Wed. 7-9:45 p.m. 10 meetings. Mar. 26-June 4. Sumner Auditorium, Scripps Institution of Oceanography, UCSD, La Jolla.

Sociology

C. Dale Johnson, Ph.D.
Associate Professor, Department of Sociology, San Diego State College, San Diego

Industry and Society XL 141(4) (Formerly: XL 131)
A sociological analysis of industry. Attention given to factors in the status group awareness and occupational role-learning of workers and managers; interaction between technological and social system; the interplay between official and unofficial action, and between industry and community. *Fee:* $60.
Sec. 90: Mr. Johnson. Mon. 7-10 p.m. 12 meetings. Mar. 24-June 9. Rm. 353, Roosevelt Jr. H.S., San Diego.

Stanley C. Banks, M.A.
Sociology Instructor, Imperial Valley College, Imperial

The New Mass Society X 405(3)
An examination of the series of changes taking place, often revolutionary in nature, which will affect the world population as we now know it. Many of these changes are related to the increased density of population living together in large metropolitan areas. This course is designed to move in some depth in several of those areas which appear to be most crucial in shaping the new world of the future. *Fee:* $45, credit; $30, non-credit.
Sec. 90: Coordinator: Mr. Banks. Tue. 7-9:45 p.m. 10 meetings. Mar. 25- June 3. Rm. 305, Imperial Valley College, Imperial.

Thomas L. Gillette, Ph.D.
Director, Center for Studies of the Person, La Jolla

Black Power: Student Power: Police Power—A Sociological Perspective X 409(3)
This seminar-like course is, in part, a reaction to growing demands for educational experiences that are relevant to major social issues today. Specific arrangements for investigation, the methods of learning and experiencing, the required reading and the system for grading will be determined primarily by the students. It is expected, for example, that the students will wish to spend a substantial amount of time away from the classroom at the scene of the action. If the students desire, non-academic experts will be utilized as resource people. This is an experimental course. *Prerequisite:* Students must have a high level of interest in the subject area and an eagerness to move beyond traditional methods of learning. *See page 29 for details.*
Fee: $45 credit; $35, non-credit.
Sec. 90: Mr. Gillette. Wed. 7-9:45 p.m. 10 meetings. Mar. 26-May 28. Rm. 3030B, Undergraduate Science Bldg., UCSD, La Jolla.

Jean F. Hanchett, M.A.
San Diego

The Establishment X 415 (3)
This course attempts to determine if there is an Establishment in the United States and, if there is, *what* it is. *See page 19 for details.* *Fee:* $45, credit; $30, non-credit.
Sec. 90: Coordinator: Mrs. Hanchett. Thur. 7-9:45 p.m. 10 meetings. Mar. 27-June 5. Medical School Auditorium, Basic Science Bldg., UCSD, La Jolla.

Leonard Fierro, M.A.
Teacher, Clairemont High School, San Diego

The Mexican-American in Transition X 430(3)
The social and cultural background of the Mexican immigrant and his American descendants. Problems faced by the Mexican-American in his transition from minority group status to full-fledged status in our society. NOTE: *REGISTRATION IS CLOSED. Fee:* $45.
Sec. 90: Mr. Fierro. Wed. 7-10 p.m. 9 meetings. Mar. 26-June 4. Rm. 356, Roosevelt Jr. H.S., San Diego.

Frank Saiz, B.A.
Director—Service Center, Mexican American Advisory Committee, San Diego

Brown Power: The Mexican-American's Bid for Justice X 431(3)
This course is intended as a forum to permit representative Mexican-Americans to speak out on the issues of "brown power" in order to inform and sensitize those who come to listen and ask questions. Discussions will focus on goals and strategies, problems and solutions. *See page 12 for details. Fee:* $45, credit; $30, non-credit.
Sec. 90: Coordinator: Mr. Saiz. Mon. 7-9:45 p.m. 10 meetings. Mar. 24-May 26. Sumner Auditorium, Scripps Institution of Oceanography, UCSD, La Jolla.

Family Interaction: Insights Through Fiction X 425(3) See Social Sciences, page 00.

Speech

Fred G. Lewis, M.A.
Director, News & Public Affairs, KDEO Radio; Announcer, Sports Arena, San Diego

Effective Public Speaking in Business and Industry X 420(3)
Public speaking for men and women in the business world with emphasis on—correct and free use of the voice; physical poise and eye contact; overcoming the fright factor; proper use of the telephone; preparing for job interviews; speech organization; informative speaking; the sales speech; and group discussions. *Enrollment is limited. Fee:* $45.
Sec. 90: Mr. Lewis. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 19. Rm. 128, Roosevelt Jr. H.S., San Diego.

Sanford I. Berman, Ph.D.
(Dr. Michael Dean)
Executive Director, International Communication Institute, San Diego

Effective Communication X 438(1)
An introduction to General Semantics and Communication. Course considers the barriers to effective communication and intelligent behavior; How to pause to think; Why do we jump to conclusions; The closed mind; How to lessen misunderstanding; How to keep up to date; Importance of seeing differences; "Either/Or" way of thinking; Importance of small talk; Orienting your life by facts rather than words. NOTE: *No refund will be made after the program begins. Fee:* $30. *Sec. 90: Mr. Berman. Tue. 7-10 p.m. 6 meetings. Mar. 25-Apr. 29. Rm. 2622, Undergraduate Science Bldg., UCSD, La Jolla.*

Alice L. Elliott, M.A.
Teacher, Mar Vista High School, Imperial Beach; Past President, San Diego Chapter International Society for General Semantics

Workshop in Communication Skills, Symbols, Values and Purposes X 442A(3)
Lectures and workshop sessions designed to bring together the findings and application of the theory of evaluation called general semantics. An investigation of the structured cultural unconsciousness built by our traditional language and symbol systems, our culture, our professional training and personal experience. *Fee:* $45.
Sec. 90: Miss Elliott. Mon. 7-10 p.m. 9 meetings. Mar. 24-May 19. Rm. 304, Roosevelt Jr. H.S., San Diego.

Theater Arts

Roy P. Madsen, Ph.D.
Assistant Professor, Director of Cinematography, Radio-Television Film Department, San Diego State College, San Diego

Great Directors of Film X 496(3)
Contributions to cinema of those directors who have shaped the film into its present form. An examination of the techniques created by each director to express his concept of Man. *Fee:* $45, credit; $30, non-credit.
Sec. 90: Mr. Madsen. Tue. 7-9:45 p.m. 10 meetings. Mar. 25-May 27. Sumner Auditorium, Scripps Institution of Oceanography, UCSD, La Jolla.

Zoology

Alvin W. Brereton, B.S.
Education Director, San Diego Zoo, San Diego

Reptiles, Birds and Mammals of the San Diego Zoo X 420(3)
Four Saturday sessions providing much of the basic information necessary for devising and relating study trips to the on-going curriculum. Each session will include a general survey of a major group (reptiles, birds, mammals), specific information about exemplary species, demonstrations of possible study trips, actual experience in constructing effective study trips and imaginative, possible class preparations and follow-up activities. *See page 39 for details. Fee:* $45.
Sec. 90: Mr. Brereton. Alternate Sat. 9 a.m.-5 p.m. 4 meetings. Apr. 12-May 24. San Diego Zoo, Balboa Park, San Diego.

Bio-Medical Telemetry by R. Stuart Mackay, Boston University
This intensive, lively short course on the technique and research applications of bio-medical telemetry is open to all life scientists. It includes instrumented animals and a supervised instrument assembly. June 25-28
Call us for details . . . 453-2000, extension 2061.

GREAT DIRECTORS OF FILM

Theater Arts X 496 (3)

Contributions to cinema of those directors who have shaped the film into its present form. An examination of the techniques created by each director to express his concept of Man.

Sergei Eisenstein	ALEXANDER NEVSKY
D. W. Griffith	INTOLERANCE
Robert Flaherty	LOUISIANA STORY
Orson Welles	THE MAGNIFICENT AMBERSONS
John Ford	MY DARLING CLEMENTINE
Alfred Hitchcock	VERTIGO
John Huston	TREASURE OF THE SIERRA MADRE
Roberto Rossellini	PAISAN
Ingmar Bergman	THE VIRGIN SPRING
Akira Kurosawa	RASHOMON

Your Instructor: **Dr. Roy P. Madsen,** Director of Cinematography, Radio-Television-Film Department, San Diego State College

10 Meetings; 3 Units; $45.00 credit; $30.00 non-credit

Tuesdays, 7-9:45 pm; March 25 through May 27; Sumner Auditorium, Scripps Institution of Oceanography, UCSD, 8602 La Jolla Shores Drive, La Jolla

Location of Classes

Carlsbad:
Magnolia School, 1905 Magnolia Avenue.

El Cajon:
Bostonia School, 1390 East Broadway.
Emerald Junior High School, 1221 South Emerald Avenue.
Grossmont College, 8800 Grossmont College Drive.

El Centro:
Brunner Palms Restaurant, 215 North Imperial Avenue.

Escondido:
Del Dios School, 1400 West 9th Avenue.
Escondido High School, 1535 North Broadway.
Glen View School, 2201 East Grant Avenue.

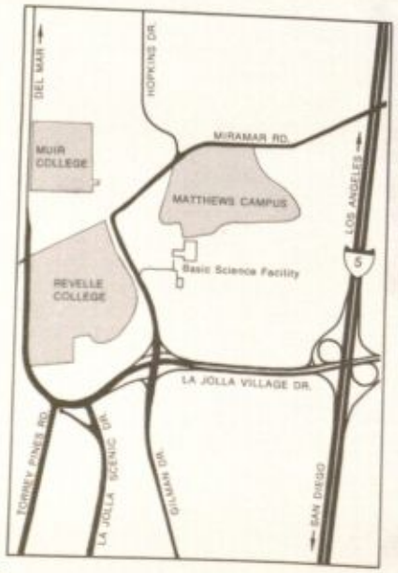
Imperial:
Imperial Valley College.

Imperial Beach:
Mar Vista High School, 1267-17th Street.

La Jolla:
University of California, San Diego, La Jolla Shores Drive at Gilman Drive.
University of California Extension Art Studios, 701 Coast Boulevard South. (Rear Entrance, La Jolla Museum of Art.)
University of California, San Diego, Matthews Campus, Miramar Road and Gilman Drive.
University of California, San Diego (Scripps Institution of Oceanography), 8602 La Jolla Shores Drive.
Torrey Pines Inn, 11480 North Torrey Pines Road.
Home of Mr. and Mrs. Charles A. Muehling, 1260 Inspiration Drive.
Home of Dr. and Mrs. Harold Torbert, 7695 Hillside Drive.

La Mesa:
Grossmont High School, Murray Drive.
Home of Mr. and Mrs. Robert E. Peet, 6286 Broadmoor Drive.

National City:
Sweetwater High School, 2900 Highland Avenue.

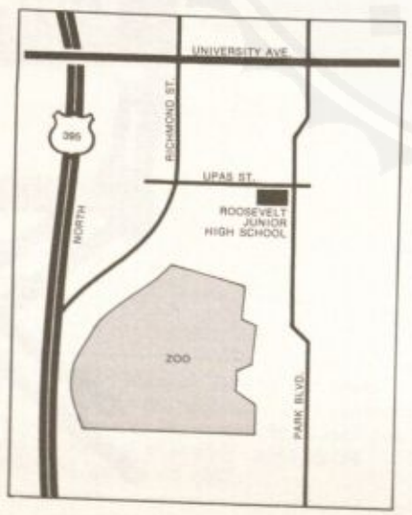


Oceanside:
Jefferson Junior High School, 823 Acacia Street.
Mission School, 2100 Mission Avenue.
Home of Mr. and Mrs. Paul Grigsby, 1773 Ivy Road.

Palomar Mountain:
Camp Palomar.

San Diego:
American Association of University Women Clubhouse, 6545 Alcala Knolls Drive.
Bali Hai, 2230 Shelter Island Drive.
Convair Division of General Dynamics, Kearny Mesa Site, Kearny Villa Road.
Convair Division of General Dynamics, Lindbergh Field.
Gulf General Atomic, 10955 John Jay Hopkins Drive.
Hilton Inn, 1775 East Mission Bay Drive.
Stephen Watts Kearny High School, 7651 Wellington.
KEBS-TV, Channel 15.
KOGO-TV, Channel 10. 47th St. & Highway 94.
Marine Corps Recruit Depot, Gate 2, Building 8, off Barnett.
Midway Junior High School, 3233 Kemper Street.
Roosevelt Junior High School, 3366 Park Boulevard.
San Diego County, Department of Education, 6401 Linda Vista Road.
San Diego Zoo, Balboa Park.
University Hospital of San Diego County, 225 West Dickinson Street.
Home of Mr. and Mrs. William T. Brown, 4634 Orchard Avenue, Point Loma.
Home of Mr. and Mrs. Edwin L. Hamilton, 3594 Dupont Street, Point Loma.
Home of Mrs. Lillian Herzberg, 5602 Dartford Way.
Home of Mrs. Marie Steelquist, 4075 Brant Street.
Home of Mr. and Mrs. Jim P. Sturgis, 2346 Presidio Drive.

Solana Beach:
Skyline School, 606 Skyline Drive.



General Information

How to enroll Enrollment is now open and you may apply.
By Mail: Use application on inside back cover. Mail-in forms may also be obtained at the first scheduled class meeting.
In Person: At the University Extension Office, UCSD, La Jolla.
Applications are processed in the order received and must be accompanied by full fee. Make checks payable to: The Regents of the University of California. You are not officially enrolled until the fee is paid (see "Late Enrollment Fee" below) and your application accepted. Instructors may deny admission to students not officially enrolled after the second scheduled class meeting.
Note: Enrollment in UC Extension does not constitute admission to the University of California.

Fees The fee, as listed for each class, must be paid in full prior to the third scheduled meeting.

Late Enrollment Fee All applications received after the third scheduled class meeting, regardless of attendance, will be charged a late enrollment fee of $10.00 per class. Please include this amount in enrollment check.

Admission to undergraduate courses Students are required to inform the instructor of their educational background and satisfaction of any stated prerequisites. In addition, students must meet ONE of the following requirements:

1. Courses numbered 1-199: consent of the instructor based on special attainments, such as superior high school record, special competence in a particular subject matter area, or other recognized criteria.
2. Courses numbered 1-49 or lettered: successful completion of one year of college work.
3. Courses numbered 100-199: successful completion of two or more years of college work.

Course letters and numbers The letters preceding a course number indicate the University of California campus at which there is an equivalent course: XB-Berkeley, XD-Davis, XI-Irvine, XL-Los Angeles, XR-Riverside, XSD-San Diego, XSF-San Francisco, XSB-Santa Barbara, XSC-Santa Cruz.

When the letter X alone or X Cal is used, the course is offered only through Extension and is not equitable to a regular session course. A capital letter after a course number indicates the quarter portion of a course that continues through two or more successive quarters. The first quarter (A) is prerequisite to the second (B), unless there is an explicit statement to the contrary.

COURSE NUMBER SYSTEM

1-49: Lower division (freshman and sophomore) courses; some courses of this level are designated by letter rather than number.

100-199: Upper division (junior and senior) courses.

300-399: Courses with major emphasis on one or more of the following: teaching methods and materials; curriculum, philosophical and sociological foundations of education; educational problems, law and administration.

400-499: Professional courses in departments other than education.

800-899: (Non-credit) Programs providing opportunities for adults to pursue intellectual, civic, and cultural interests (often unique in format and experimental in content).

The Quarter System All campuses of the University of California operate on the quarter system and all credit will be offered in quarter units rather than semester units.

CREDIT VALUE The credit value in quarter units is indicated in parentheses after the course number. Where no such figure is given, the course is non-credit. In converting semester unit credit to quarter unit credit, UC Extension uses the following conversion (the higher number is the present quarter unit): 5 quarter units = 3⅓ semester units; 4 = 2⅔; 3 = 2; 2 = 1⅓; 1 = ⅔.

Visitors—Unless otherwise noted, and if space and enrollment limitations permit, you may visit only the first scheduled class meeting without charge.
Visitors are not permitted at conferences, workshops, concentrated classes, lecture series, and other special programs. Attendance is by enrollment only. You may enroll at the first meeting, if space permits.

Credit Status You must notify the instructor by mid-term whether you are taking the class "for credit" or "not for credit." After this date, if a credit student withdraws from a class, he will receive an "F" grade. Exceptions due to unusual circumstances require approval of the Director.

Grades All grades, except Incomplete, are final when filed by Extension instructors at the end of class. Grades are mailed to students approximately three weeks after the end of the course.

Grading System
A-excellent **B**-good **C**-fair **D**-barely passed **I**-incomplete; may be revised by completing work as required **F**-not passed; may be raised to a passing grade only by repeating the course.

Library–UCSD—The facilities of the UCSD Library may be used by any person enrolled in an Extension class upon presentation of proof of enrollment.

Parking Fee—UCSD and Scripps Institution of Oceanography—Parking on these campuses requires payment of a parking fee. Permits valid for the entire quarter, for $3 each, may be purchased in Building 103, University Extension offices, or by mailing in the completed parking permit application on the inside back cover. Beginning with the third class meeting, parking regulations will be strictly enforced.

Transcripts of Record/Confirmation of Enrollment To obtain transcripts of record of work taken through Extension prior to Sept. 15, 1967, submit a signed request to Dept. K, University of California Extension, Los Angeles, Calif. 90024. For work taken subsequent to Sept. 15, 1967, or for confirmation of current enrollment, submit a signed request to: Recorder, UC Extension, P. O. Box 109, La Jolla, Calif. 92037. The charge is $2.00 for one transcript or confirmation, and $1.00 each for additional copies *requested at the same time*. Make checks payable to The Regents of the University of California. Please allow two weeks.

Discontinued Classes Extension reserves the right to discontinue, postpone or combine classes, and change instructors. Classes will be discontinued at the first scheduled meeting if fewer than the required minimum number of students enroll. If a class is discontinued, you may request an official transfer to another class or refund of the enrollment fee.

Transfers To transfer from one course to another, or from one section to another of the same course, you must request an official transfer in person or by mail from the nearest UC Extension Information Office. Transfers must be requested prior to the second scheduled class meeting. You should attend the new class immediately. Transfers cannot be made from one quarter to another.

Refunds To obtain a refund of class fee, you must submit a signed request, either in person or by mail, to the UC Extension Information Office.

Full Refund:
—if class is cancelled or discontinued.

Partial Refund ($10.00 service charge is withheld):
—if requested after the third scheduled class meeting and before the fourth.

No refunds are granted after the fourth scheduled class meeting.

Refund policies vary with special programs such as conferences, workshops, lecture series, etc.

Students receiving orders for active military duty, with induction date prior to completion of a class, may apply for full refund. Official notification of date of induction must be submitted to the office indicated below.

The processing of refunds takes approximately three weeks.

Parking refunds will be made only when accompanied with a request for a refund of class fees. A full refund will be made if requested prior to the third scheduled class meeting. No refunds will be made for parking permits if received on or after the third scheduled class meeting. Please remove the decal from your vehicle and enclose it with your refund request.

Questions concerning refunds for special programs other than full-quarter classes, or because of unusual circumstances, should be addressed to:

University of California Extension, San Diego, P.O. Box 109, La Jolla, California.

Certificate Programs Certificate Programs are offered in a variety of fields for those who cannot pursue a full degree program or who hold degrees in other fields. Each Certificate Program consists of a specially-developed sequence of courses to provide a sound balance of theory, fundamentals, and specialized training. Certificates awarded by UC Extension have earned wide professional acceptance as evidence of a thorough background in basic principles and techniques. Call or write the University Extension office for a detailed brochure on the certificate and professional designation programs.

Information for Students Intending to Apply for Admission to the University of California Students should obtain specific information about admission to the University from the Admission Office of the campus they plan to attend. The General Catalogue may be obtained from the Registrar on that campus.

Credit–Advanced standing is allowed for credit earned in UC Extension courses EXCEPT in the "X 300" and "X 400" series in which the determination is made by the individual schools and colleges, which also determine the applicability of subjects taken toward satisfaction of the A.B. and B.S. degrees.

Grade Points–Grade points earned in UC Extension are counted for purposes of admission to the University, but not after admission.

Residence–Extension courses are not accepted as part of the residence requirements of the University. The residence requirements must be fulfilled after admission to the University.

Information for Students Who Have Been Admitted to the University of California Resident students of any campus of the University, including those in summer session or on leave, must secure written approval from the Dean of their school or college prior to enrolling for credit in an Extension class. Extension classes are not accepted as part of the residence requirements of the University. Grades earned in Extension are not used in calculating the University grade-point average.

Information for Students Intending to Transfer Credit to Another University or College Prior to enrollment in Extension, students should verify acceptance of credit with their college program advisor.

Information for Teachers Seeking Credentials Extension is not a credentialing agency, nor does it recommend students to the State for credentials. Students are encouraged wherever possible to obtain their credentials through regular University campus programs.

Students who wish to apply credit toward credentials obtained by direct application to the California State Board of Education should submit complete official transcripts of record, for evaluation in terms of the credential in which they are interested, to:

Certification Office, State Department of Education
721 Capitol Mall
Sacramento, California 95814

Specific credential values for some Extension courses have been approved by the California State Department of Education. The symbols after course titles in this Bulletin indicate courses which meet specific requirements of the credentials indicated. Courses numbered 100 through 499 (except methods courses), which do not have symbols, may be applied toward major or minor requirements where applicable.

Key to Symbols:

P Pupil Personnel Services

E Elementary

A Adult Education

S Secondary

Veterans Credit classes may be approved under the Veteran's Cold War Bill. Veterans should determine their eligibility to educational benefits and obtain authorization from the appropriate Veterans Administration office prior to enrolling.

Internal Revenue Service Regulations Under the current regulations, certain expenditures made by a taxpayer for his education may be deducted. Please consult the Internal Revenue Service for further information.

Continuing Education of the Bar Educational programs for practicing lawyers are offered in communities throughout the State in cooperation with the State Bar of California. Attendance is limited to members of the State Bar. Further information may be obtained from Continuing Education of the Bar, University of California Extension, Berkeley, California 94720.

Index of Classes by Day-of-Week

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Integrated Information Systems X 413.12 16
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Methods of Teaching Elementary and Intermediate Folk, Round, and Square Dances X 352A 18
Teaching Students the Process of Valuing X 308.15 20
Simulations and Educational Games X 314.22 20
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Effective Communication X 438 46
Great Directors of Film X 496 46

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Introduction to Physiology X 410 13
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Music in Elementary Schools, Part I X 324.72 24
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The Youth Pill and Problems of Menopause 38
Family Interaction: Insights Through Fiction X 425 45
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Friday, Saturday and Sunday

Leadership Principles and Practice XL 182 15

Saturday and Sunday

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Sunday

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Monday and Wednesday

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Tuesday and Thursday

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Monday and Thursday

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On Tour

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Arranged Individually

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Enrollment and Parking Permit Applications

Parking on the UCSD campus, including the Scripps Institution of Oceanography, requires a parking permit.

Office use only E—

Please fill in completely and enclose $3.00 in addition to your course fee.

Date _____

Mr. Mrs. Miss _____ Last name _____ First _____

Vehicle Information

Year _____ Make _____ Model _____

License # and state _____

PLEASE FILL IN *EACH* ITEM AND MAIL TO:
UNIVERSITY OF CALIFORNIA EXTENSION
P. O. BOX 109
LA JOLLA, CALIFORNIA 92037

1 SOCIAL SECURITY NO. (FOR D.P. USE)

2 MR ☐ MRS ☐ MISS ☐ LAST NAME

3 MAILING ADDRESS STREET CITY

4 FIRST MIDDLE ZIP CODE DAY TIME PHONE

5 BIRTH DATE

6 VETERAN ☐ YES ☐ NO

7 DO YOU WANT LIBRARY PRIVILEGE ☐ YES ☐ NO

8 To receive a parking permit fill in the coupon below and return it with your class application.

9 CREDIT ☐

10 NON-CREDIT ☐

11 TITLE & COURSE NO. | SECT. | CREDIT | NON-CREDIT | DAYS | THE INSTRUCTOR

COURSES REQUESTED

12 HAVE YOU PREVIOUSLY ENROLLED IN A UNIVERSITY EXTENSION COURSE? ☐ YES ☐ NO
LAST YEAR OF ATTENDANCE:

13 FEE ENCLOSED $ _____

14 AREAS OF INTEREST ☐ ART ☐ BUSINESS ADMINISTRATION ☐ EDUCATION ☐ HUMANITIES (HISTORY, LANGUAGES, PSYCHOLOGY, ETC.) ☐ PHYSICAL SCIENCES/ENGINEERING (MATHEMATICS) ☐ SPECIAL EVENTS (INCL. CONCERTS, FILMS, ETC.) ☐ MEDICINE

15 SIGNATURE OF APPLICANT

FOR INFORMATION
PHONE
453-2000 EXT. 2061
OR 232-7321

FOR OFFICE USE ONLY

Daytime Courses for Women

During this spring quarter, University Extension will offer these courses during the day.

Ceramics, *page 11. Tuesdays, 9 a.m.-12 noon.*
Choice: Challenge for Modern Woman, *page 32. Tuesdays, 12 noon-2 p.m.*
Buddhist Philosophy & Zen Practice, *page 38. Wednesdays, 9:15-12 noon.*
Developing Personal Potential, *page 32. Wednesdays, 10 a.m.-12:30 p.m.*
Introduction to Art, *page 13. Thursdays, 9 a.m.-12 noon.*
Stitchery as a Creative Art, *page 31. Fridays 10 a.m.-12 noon.*

Summer quarter classes scheduled by University of California Extension will begin the week of June 23, 1969. The Summer issue of Explore, listing all the classes for the quarter, will be available the week of Mav 12.

second class postage
PAID
at La Jolla, Calif.