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# The Pan American (1983-05) 

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## PANAMERICAN

## Federal Surveys

College graduates edge out non-grads

By Enrique Zavala
Federal surveys and statistics released within the past two years indicate that college graduates will have the upper hand over non-college graduates.

The 1982 annual report for male and 18 percent of the the National Center for Education Statistics, titled "The Condition of Education," shows a substantial rise in the educational level of employed workers from 1970 to 1979. In 1979, 24 percent of the
female work force had four or more years of college, up from 15 and 11 percent respectively from 1970.
More important, college graduates are keeping their jobs. Unemployment has hit
non-college graduates at a greater rate than college graduates. Samuel M. Ehrenhalt, regional commissioner of labor statistics in New York, told the New York Times that in March of 1982 only 3.2 percent of the college


Pan Am Bound-These students from McAllen High School were among 1,000 Valley seniors who toured Pan American University this spring.
graduates were unemployed compared to 11.2 percent of mon-college graduates.

Furthermore, in that same Nov. 24, 1982, edition, he said that those same unemployed college graduates have greater chance of finding Jobs than their non-college counterparts. He said that during periods of high unemployment emplogers who have a larger pool of workers from which to choose are more apt to choose college graduates over non-college graduates.

However, fewer 1980 seniors planned to go to college than in 1972, according to "The Condition of Education" report. It states that 25.3 percent of 1980 seniors planned to do so, compared to 30.3 percent in 1972.

Also, according to the statistics, although high school graduates have been catching up in earnings on college graduates, still, college graduates continue to get better pay. For example, in 1980 full time workers 25 years and older averaged by educational attainment the following annual incomes: 1980 male with 4 years of college, $\$ 24,311$; 1980 males with high school
degree, $\$ 19,469$; 1980 female with 4 years of college, $\$ 15.143 ; 1980$ females with high school degree, $\$ 11,537$.

However, it should be pointed out that high school graduates have been closing the earning gap with college graduates. In 1968 male college graduates earned 42 percent more than male high school graduates. In 1980 male college graduates earned 25 percent more than male high school graduates, according to the statistics in "The Condition of Education".
On other matters, Ehrenhalt speculated in the New York Times that oversupply of college graduates due to the baby boom of the 1950's has peaked. He says that the mid-1980 graduates will probably run into less competition bably run into less competition
because of the declining birth because of the declining birth
rate of the 1960's. Time magazine also stated last year that the supply of the nation's 18 year olds will decline from 4.2 million in 1975 to 3.6 million by 1985 .

However, Pan American University's Director of Placement and Testing, Romulo D Martinez Jr. said that students should be cautious about predictions.

See Survey p. 2

## Scholarships available to incoming freshmen

By Bob Zamora
Incoming freshmen enrolling at P.A.U. this coming fall semester are encouraged to apply for scholarships to help them financially through their first months of college life.

According to Jorge Guerra, assistant director of financial ald, the financial aid office offers five scholarships. The five scholarships and their re quirements are as follows:
James Cullen Looney Scholarship, $\$ 300$ per semester. (1) Students who do not apply for financial aid. (2) Students must show need for financial assistance. (3) Preferred that the student is a National Merit Scholarship finalist or semi-finalist. (4) Preferred that the student be enrolled at a full time basis. (5) Preferred that the student be a Hidalgo County resident. (6) Student should have a 2.5 or above if enrolled in school at the time. Beginning freshman
do not need the above requirement. Award is $\$ 300$ a semester maximum.

Haggar Scholarship, $\$ 1,000$ per year. (1) recipients must be a direct relative of a Haggar employee. (2) Student must have an academic standard. (3) acceptable scholastic progress, (4) proof of financial need is not required.

Joe and Jess Crump Scholarship, \$150. (1) 2.5 average or better if enrolled, (2) preferred Hidalgo County resident. (3) achieve academic progress (4) show financial need, (5) must be enrolled in a full-time basis and must apply annually.
I.K. Scholarhsip $\$ 150$ per semester. (1) must comply with university admission requirements, (2) must be a U.S. Citizen (3) be enrolled in school on a full time basis, (4) 2.5. average in school or a B average in high school. (5)
must demonstrate financial need as established from the financial aid office
The Legislative Academic Scholarship, $\$ 1,000$ per year maximum. (1) must be a freshman, (2) must have graduated in upper $1 / 3$ of
senior class (3) SAT score of at least 800 and ACT score of 18 or above, (4) 2.75 average
(5) must show serious academic purpose (6) must be a Texas resident, (7) must not be a recipient of any athletic scholarship, (8) and must demonstrate financial need.

Guerra also stated that there are many other scholarships awarded by the different departments, schools and some organizations. Applying for these other scholarships can be done by contacting the specific department or organization.

The financial aid office does handle certain applications for certain departments here on campus, but they do not make the final decision of who will be awarded the scholarship.

If students have any further questions, call the financial aid office at 381-2501.

## College grads earn $40 \%$ more, women's wages still lag behind

College graduates earn take in only $\$ 860,000$ to about 40 percent more over a $\$ 1.87$ million.
lifetime than non-grads, but men continue to earn about twice as much as women re-

3ardless of educational attainment, a new Census Bureau study shows.

Male college grads can expect to earn from $\$ 12$ to $\$ 2.75$ million over a lifetime according to the study, while male high school grads will

## Women, on the other

 hand, will make from $\$ 520,000$ to $\$ 1.2$ million if they have college degrees, and between $\$ 380,000$ and $\$ 800,000$ with only high school diplomas, the study reports."A lot of people would like to say the difference (between men's and women's earnings) is due to discrimination, and
some of it may well be," Coder explains. "But to attribute it all to discrimination would be very unfair."
"We have to caution, however, that the main purpose of the study was to show average expected lifetime earnings based on educational attainment," notes Census Bureau statistician John Coder
"For one thing," he points out, "women tend to have more interruptions in their
lifetime work schedules. And the occupations they go into may be lower paying than traditionally male-dominated job areas."
Nevertheless, Coder adds, the ratio between what women with college degrees and men with college degrees earn has changed very little since the early seventies."
"Things may be changing (for women in the workforce)," he says, "but they are changing very slowly."

Hey! Look us over

## Welcome: <br> Pan American helps you decide on career

Dear Senior:
As you prepare to graduate from high school, 1 congratulate you on your success. As you make your plans for the future, I urge you to consider what Pan American University can offer you.
At Pan American, we recognize that when a student thinks about higher education, he or she is looking beyond college to a career
A survey of our graduates indicates that freshman students who are committed to a career choice have a much greater chance to receive a degree than those who are undecided. For this reason, I urge you, if you are as yet undecided or unsure about a career choice, to call or visit our Career Planning, Placement, and Testing office. Our staff will be glad to assist you in any way possible. You may use our career library, and if you so wish, you may meet and talk with a member of our counseling and testing staff.
A successful career, as opposed to just getting a job, depends upon quality academic preparation. We believe our graduates should be able to compete successfully in the world of work; we believe they should have the intellectual
skills necessary to teach themselves as career requirements constantly change in a rapidly changing world. Pan American, therefore, maintains high academic standards. To help students meet those standards Pan American provides tutoring, counseling, and academic advising, particularly at the freshman and sophomore levels. The University has the responsibility of maintaining academic standards and of offering academic assistance; the student has the responsibility of taking advantage of those opportunities.
We invite you to join us at Pan American University. We pride ourselves on our commitment to students and their success. The faculty and staff of Pan American University are ready to help you earn a college education
If you are willing to invest the time, energy, and effort re quired, we will do our part to help you succeed in an education and a career. Ultimately, our success as a University is measured solely by your success

Wishing you well in all things, I remain.

## Miguel A. Nevarez

President, PAU

## HEP program helps dropouts

By Juan A. Ramirez

Ed.'s Note: Juan Ramirez is a graduate from the High School Equivalency Program. He is currently a communications major at PAU.

While most people are able to view their high school years with pride and happiness, there are those who only remember unhappy and trying times. For most dropouts, high school has been just that.

Dropping out of school is one of the toughest decisions a dropout will ever make. He is told that by dropping out his chances of finding a job will be tougher and that his whole future relies on that decision. Yet he still drops out. His reasons are numerous.

His parents are farm workers, and they migrate every summer causing him to get behind in school. Upon returning to school, he feels uneasy because the other students in his class are younger than him. His free with work in order to help his family make ends meet, thus making him feel that he is not a part of his school because he is unable to be active in school functions.
He feels that he can be more productive by working full time and helping his familv, so he drops out of school.

Kids who drop out of school are usually viewed as the non-productive part of society. However, Pan American University's High School Equivalency Program can change that view. HEP has much more to offer its students than just a General Educational Development certificate

## HEP's program includes a

 typing course, a career awareness course, a college prep course and a job placement office. Their goals are realistic, and their successes have been numerous."Every year we set a goal for ourselves as to how many graduates we will turn out," program director, Derly Gon-
zalez said. "For the 1983 school year we plan to graduate 120 of the 160 students in the program. Out of those 120 students, we project that 22 will attend college, 22 will attend a vocational school, eight will enter a training program and 76 will be placed in jobs by our placement office."
"Our classes are small and this gives us an opportunity to know our students on a one-to-one basis," Guajardo said. "We try to give our students a sense of belonging. We encourage them to take part in as many activities as possible."

The program, initiated in 1971, has had numerous successes. One of HEP's success story is Sylvia Betancur. Several years ago, Betancur was left totally blind by brain surgery. Despite her handicap, she earned her certificate, and is now at the Lighthouse for the Blind in Houston learning to be a switchboard operator

Other successes include Fred Rodriquez, past president of the student body at PAU; Jose Luls Oimos, an engineer in New Mexico; Minerva Vidal, a teacher in the Roma School District; and Graciela Saenz, a sentor at PAU majoring in interAmerican affiars.

Guajardo seems proud of these people and also of the fact that HEP has a very good graduation rate.
"In the five year period of 1977 through 1982, we have graduated 80 percent of the students that have entered the program," Guajardo said.

That may not seem like much but most other GED programs only graduate about 30 percent. We don't know what gets through to our students or makes our program so effective, but we will continue doing what we have done all along.

He stresses the fact that he feels kids should not dropout of school, but if for some reason they do, he says that HEP is willing to do all they can for them.


## IM SORRY YOUNG MAN BUT We ca ReDIT FORPLAMNG PaC C-MaN'aND equirements vary, Aid requirements vary, check with aid office <br> By Ana Perez <br> Report Office. <br> The Texas Guaranteed Stu-

The Student Financial Aid Program at PAU is able to provide financial aid to students who need this assistance in order to attend PAU.
Some general requirements for approval of financial aid are as follows:

1. Be a U.S. citizen or a permanent resident.
2. Be enrolled for a minimum of 12 hours as an undergraduate.

Demonstrate financial need, except when applying need, except when applying for funds from a program
which does not call for finanwhich does
4. Be enrolled in an eligible program offered by PAU
Grants; employment and loans are the various types of financial aid available
The Pell Grant is a federal aid program designed to provide financial assistance to those who need it to attend post-high school educational institutions. To be eligible for a Pell Grant a student must:

1. be an undergraduate stu-
dent.
2. be enrolled in at least 6 hours.
3. submit a Student Aid

The Supplemental Educational Opportunity Grant -SEOG is for students of financial need determined by the Financial Aid Office. To be eligible for SEOG, a student must:
submit a general financial aid application.
2. be an undergraduate.

Work Study is designed for students who have financial need and who are in need of the earnings to pursue a course of study at PAU and to course study ar PAU and to supplement living expenses. a student must

1. submit a general financial aid application.
2. show evidence of academic good standing with a minimum of 2.0 GPA while under the program
The Hinson-Hazlewood Student Loan prgram is a guaranteed student loan provided by the State of Texas for those students needing such a loan to pursue a course of study. To apply a student must:
3. submit a general applica tion to Financial Aid Office. 2. attend pre-exit counseling sessions.
dent Loan - TGSL is a loan program provided through a bank, credit union or other lending institution to enable students to pursue a course of study.
The Nursing Loan is for students enrolled in the nursing program who need a loan to meet their educational expenses. To apply students
4. be enrolled full-time 2. submit a general application to the Financial Aid Of. fice.
. attend pre-exit counseling sessions.
The Short Term loan program is designed to provide emergency funds to full-time or part-time students demonstrating reasonable cause. A student applying for a Short Term loan must:
5. be enrolled or accepted for enrolled.
6. demonstrate the ability to repay the loan within the repayment period.
An important tip is to apply for financial aid early. The deadlines are: June 1 for the fall, Nov, 1 for the spring and March 1 for the first and second summer sessions.

For more information on financial aid call 381-2501 or go by the University Center Building Room 108 between the hours of $8 \mathrm{a} . \mathrm{m}$. and $4: 30$ p.m., Monday through Frip.m.
day.

## Survey

"Predictions are made with the assumption that conditions will remain the same." he said. "In the nursing profession, for example, there were nurses who left their jobs to be with their families. Now that their families have grown up. they're ready to come back to work and hospitals are coming up with two week training programs that will help them come back." He said that situations like these might develop in other labor markets in the future
Both Ehrehalt and Martinez agree, however, that the hospital medical service will expand. Also, according to Ehrenhalt, the National Science Foundation reported shortages in the technical area such as computer science experts, systems analysts, and electrical. electronic petroleum and computer engineers.


Cynthia Ann Rocha Elementary education


Dolores Rodriguez Criminal Justice

## Special

What if you don't make straight A's! There's more to university life than studies.

At Pan American, you no only have a chance to excell in the classroom but also to develop leadership and talent in a variety of campus activities, You can find a place in your special area of interest-or in several areas-speech, music, drama, sports, dance, publication, sororities and fraternities.

If you do make good grades, you may want to enroll in the honors program and take classes that are especailly stimulating and challenging. You can be one of those students that the university recognizes each year for outstanding leadership, service or scholastic ability. You will have a chance to win scholarships, trophies, plaques, and certificates for your accomplishments.

Plus, when you excel, you will have the satisfaction of knowing you have accomplished something special and that your friends and relatives know it too.
Take a look at some students whose accomplishments are recognized universitywide; they may be someone you know.

Cynthia Ann Rocha
Cynthia Ann Rocha of Edinburg enjoys performing with the Pan American University folkloric Dances while she is working toward a degree in elementary educa tion with a minor in bilingualicultural education.
Vice president of Phi Kappa Theta social fraternity and of the bilingual Education Student Organization (BES )), she has worked as a substiti te leacher. She was chosen for the dean's outstanding service award from the School of Education.

Cynthia says Pan American gave her "the ability to become involved both socially and academically."

## Oscar Garza

Oscar Garza, a graduate of McAllen High School, was one of two outstanding graduates of the department of communications in 1982. As a freshman he was sports editor of the student news paper, later becoming asso ciate and finally editor. He also was Editor of El Bronco the yearbook, for two years.
Active in student government, he was a member of Ph Kappa Theta fraternity, Phi

Kappa Delta fraternity, and Alpha Chi honor society. He also served as state vice president fo the Texas intercollegiate Press Association one year.
While still in school he worked for KGBT-TV Channel 4 in Harlingen, as video

editor, photographer, news and sports reporter, and weekend editor.
At Pan American, he also received the dean's leadership award for outstanding service as editor of the newspaper and yearbook.
Oscar says Pan American gave him "the opportunity to mature socially and intellectually."
"The ability to work closely with my classmates and professors meant very much to me because PAU stands for open communication," he said. "The atmosphere here is great because students are encouraged to learn and are also highly supported by the faculty and administration. This is shown by the numerous awards PAU students receive around the state and nation."

## Rufino Herrera

The military life appeals to Rufino Herrera of Weslaco, and he has been working toward a commission as a second lieutenant as well as his bachelor of science degree in education from Pan American University. He was a cadet major in the Reserve Officers Training Corps and was named a Distinguished Military Student for his performance in ROTC Advanced Camp


Rufino's major is history and his minor is government. He was chosen for the dean's outstanding service award from the School of Education.

Michael Ray Gomez

Already an expert on the biomedical aspects of vision is Michael Ray Gomez of McAl len, who hasbeen accepted to the University of Texas School of Medicine in Houston. He has a perfect 4.0 grade-point average.

During his senior year at Pan American, he wasnamed an outstanding young chemist by the Texas Institute of Chemists. He took part in the Minority Biolmedical Sciences Program of the chemistry department and has coauthored four papers which he presented at scientific meetings in various cities around the country. He has received many other honors, scholarships and awards.

His professor and mentor, Andres Estrada, said Michael has completed a four-year degree in chemistry in only three years. The professo said Michael "is a briliant student . . . I believe he has a great deal of potential in the scientific field." Michael also


Rufino Herrera Education/ROTC
voluntarily tutored other students

## Dolores Yvonne Rodriguez

Criminal justice is the field of Dolores Yvonne Rodriguez of Mirando City. She go some experience in her major by working as a reservist with the Edinburg Police Depart ment and with Pan American University Traffic and Securty

Dolores has a grade-point average of 3.97. She received the dean's outstanding service award from the School of Social Sciences. She was alelictorian of her Mirand Mirando City High School graduating class and has been named to Who's Who Among Students in American Universitties and Colleges, National Dean's List, Outstanding Young Community Leaders of America, and International Youth in Achievement, and has been awarded several scholarships.

Dolores said Pan American gave her "the opportunity and environment to grown and mature socially and intellec tually."
"My education at PAU is of the highest quality and is comparable to that offered at other major universitites," she said

## Mark Roberts

Mark Roberts, an outstanding tennis player, is an economics major with a more than 3.5 grade-point average Before moving to Edinburg he was ranked the No. I high school tennis player in his home city of Vancouver British Colunbia.

Mark played No. 1 doubles and No. 1 and 2 singles on the PAU team, and then having completed his tennis elegibility, turned professional in the summer of 1982. He is return ing to Pan American for his senior year.

Mark ended his 1980 season with a victory over Trinity University's Eric Iskersky, the 1980 NCAA finalist and doubles champion.

## Activities: Time for fun, food, to mellow out, party down

## By Sandra Quintanilla

Warm breezes whisper through rustling palms on a balmy September night as the sharp staccato of the music urges the snaking line of contestants to "get down lower" for the limbo stick

A 4 -foot-tall mound of crushed ice piled with slices of fresh pineapple, watermelon, cantaloupe, strawberries, grapes, apples, and oranges glistens in the glow of Japanese lanterns and tiki torches. It's Luau time!

Luau, a popular mixer sponsored annually by the University Center Program Council, entices about 1,600 students and faculty each September for an evening of good food, good music, and good times.
"Luau gives faculty and students a chance to get to know each other better," Gloria Rodriguez, UCPC president said, "They meet on a one-to-one basis and talk in a relaxed atmosphere."

Bands for the evening usually play a range of music. Other events include a hurleyburley hula hoop contest, volleyball, and a chance to win a gold fish by tossing a ping pong ball. Events vary from year-to-year and new ideas are always welcome, Rodriguez said.

Dies y Seis de Septiembre, another favorite, has mariachis playing and traditional pinatas bouncing through the air. This activity draws on the rich, cultural Hispanic background of the Valley.

As the summer heat slackens a bit, students look forward to "wild and crazy" games during BroncOlympics. Campus organizations let off steam during friendly competition. How can you not like someone who has just placed a lifesaver on your toothpick while avoiding stabbing your nose? Although the games are different each year, they always promise lots of laughs and zaniness.

Besides organizations, students can get together a team and compete or go it alone in the individual contests.

When the crisp October air has a bit of nip to it and the ghosties and goblins are restless, the Great Pumpkin comes to campus for a night of witchery and surprising delights.

Organizations spend hours preparing colorful carnival booths for the students' amusement and to raise money for club projects. The Carnival of the Great Pumpkin is a major fund-raising activity for campus organizations and a night of fun for students and the community. Prizes are awarded for best booth and best costume. Another carnival favorite is "The Rocky Horror Picture Show." All-inall, the night of the Great Pumpkin is great fun!
No sooner is Halloween out of the way than students gear up for Homecoming complete with election of Bronco Queen, Bronco Days, parade, pep ralley, and the first con-
ference basketball game of the year. Bronco Days, sponsored by the student government association, is another day of games.

In the spring UCPC has an Activities Night which offers a little bit of something for everyone. Some people try the homemade ice cream; others play roulette at a casino, with play money of course. Still others enjoy seeing a giant chicken play the piano at the talent contest!

UCPC is anxious to have fresmen work with the group. Willing workers and creative thinkers are always appreciated in planning activities. Activities--time for fun, to mellow out and party!


Double Trouble-If one Dracula is a good idea, two must be great. This dynamic duo competed in the costume contest at the Carnival of the Great Pumpikin, which takes place at Halloween each year, weather permitting.

Mud Racing-Kappa Sig Carlos Cazares leaves the mud pit in record time during the Pan American games, a popular spring event.

Rain Dance-The drenching rains came but the kicks still went up as clubs vied for honrs at the BroncOlympics. The groups with the most points win trophies and cash prizes.



Just a Stranging-Kappa Sigma Roy Pena of Edinburg cracks up during the string pull relay at the BroncOlympics. The picture, taken by Luis Betancourt of Mercedes, won second place in feature photography competition at the 1983 Texas Intercollegiate Press Assoclation Conference in Dallas this month.

Wild Wailing-Many bands play for dances and ac tivitles during the year. Bo Garza and the South Texas Wallers played for the Carnival of the Great Pumpkin this year.



Hoopin' it Up-Linda Gonzalez of Miasion hula hoops in competition at the luau, the annual mixer sponsored by the Univeraity Center Program Council About 1,600 people attend the Hawalian evening each year.

Homecoming highlights--Burning letters light the sky and pep rally before a basketball game during homecoming. The tradition was established largely due to the efforts of Student Association President Rico Saldivar of McAllen

## Programs aid migrants, first timers

## CAMP, Upward Bound designed to help students from low income families

By Juan Ramirez

Today when it is becoming harder for the average American student to attend a college, it is nice to know that there are some programs that help those for whom it is even harder.
Pan American has two such programs--the College Assistance Migrant Program and the Upward Bound proand the Upward Bound pro-
gram. The first, CAMP, is gram. The first, CAMP, is
designed for students with a migrant background. Upward Bound is for students who will be the first person in their family to go to college.
CAMP is a federally funded program whose main purpose is to provide higher education opportunities for migrant young adults who would otherwise be unable to afford this necessity.
CAMP, started at Pan Am in 1972, has since served 1,588 students who, without this program may not have attended college because of lack of funds.
Even though funding for the next three years is still uncertain, program director Santiago Silva feels that they will be funded and continue to
serve the people of the Valley.
For a student to become eligible for this program, he or she must meet certain criteria. First, he must have First, he must have
migrated within the last 24 months or have done at least 75 days in seasonal work.
Second, he must supply ACT scores, CAT scores and a high school transcript.
Third, he must fill out a questionnaire which will show questionnaire which will show
how much help he needs as far as academics are concerned. He must also supply a notarized affidavit or $\mathrm{W}-2$ form which will verify his income.
After all this is done, he must then go before a selection committee
Eventhough the criteria may seem tough, once a student is in the program, the benefits are numerous; for not only do they receive financial assistance, but they also receive tutoring, counseling and reading assistance.
In assisting the student financially, CAMP makes the student aware of all the financlal aid that is available and helps with the filing of all forms. CAMP also gives each student a stipend that is divid-
ed into three monthly checks. The dividing of the stipend into three monthly checks assures that students will have sures that students will have
money for later in the money
semester.
Tutoring is offered in almost all courses and is mandatory unless the student has an A average. If a student does have an A average in a course, he is then encouraged to seek tutoring in one of his weaker subjects.

Counseling is also man datory and is offered both on an individual and group basis. CAMP counselor Felipe (Flipper) Lozano is in charge of the group conseling. Because the groups are simply too many groups are simply too many for Lozano to hancle, he
works closely with the Pan Am counselors and together they get the job done. The counseling, Silva feels, is the key to their success. "We try to provide an atmosphere that is conducive to learning," Silva said. "My door is always Silva said. "My door is always
open to them, and we try to open to them, and we try to
develop a family atmosphere with them. Both Flipper and I are always ready to listen if any of them have a personal problem."
And what of achievements?


Taking Note--Aracelie Esquivel of Mission, Debble Davila of Edinburg, and Letty Rodriguez of Mission attend a Saturday Upward Bound Session.

## Counseling, advisement offer help for problems, scheduling

By Joe Miller
advice on planning a class schedule or how to cope with a personal problem is offered to PAU students by the department of academic advisement and counseling.

Academic advisement is of-
fered to freshman students fered to freshman students only, according to Lupita the program. The department collects schedules for every beginning freshman and arranges an appointment to meet with them.
In this meeting pertinent information about PAU is given to the student.
"We talk to them about the things they need to know to survive here at PAU," Morse survive here at PAU, Morse
said. "about their classes.
about core requirements, general education requireto them."

After their first two se mesters, freshman are referred to advisets from their major field of study for further advisement.
Individual, group and career counseling is offered to all students freshman through graduate. Individual counseling is done on a one-to-one ing is
basis.
"We help the student with anything that is bothering him," Morse said, "whether it's a difficult problem or something which is causing anxiety such as taking a test." Group counseling is available for personal growth and able for personal growth and
self development. Groups on
assertion training, how to
stand up for your rights, on self awareness, getting to know yourself better and communication skills meet once a week for an hour for 10 week
weeks.

Career counseling can help those who don't know what they want to major in. The department has all kinds of tests it can give such as ability and interest tests to help the student find a career. Also the department offers a class, Psychology 1201 which is de-
signed mainly for those signed mainly for those students who don't know what they want to major in.
Academic advisement and
Academic advisement and counseling is one of the many support services offered at PAU by the Learning Assistance Center, directed by tance Center, directed by
Sylvia S. Lujan.

CAMP has their share of them. In the 10 years that they have served the valley. they have served 1,588 students. Of those 993 have either graduated or are still three of those are enrolled in three of those are enrolled in masters programs at PAU.
But Silva's proudest achievement is a former CAMP student named Francisco Silva who will be graduating soon as a medical doctor from UTSA. Francisco Silva, a native of Edcouch Silva, a native of Edcouch
Elsa, will do his residency in either Corpus Christi or EI Paso.
CAMP also has a yearly list of activities which include being active in all the regular Pan Am events. This year they have scheduled a retreat for April 22-24. They will travel to the Weslaco Methodist Retreat and experience group rap sessions in an outdoor setting. According to Silva, this will give them a chance to talk about the year that has gone

The transition form high school to college is often a hard one to make, and for first generation college hopefuls, it is even harder. (A first generation student is someone who is the first person in his family is the first person
to go to college.)
to go to college.)
To help first generation college hopefuls make this transition, Upward Bound not only helps with transition but also gives them much needed moral support.
Upward Bound is a federally funded program for low income high school students at a sophomore, junior and senior level, It serves students from Edinburg, Mission, Pharr-San Juan-Alamo and both McAllen high schools.
For a student to be eligible, his parents must be in the lower income bracket, and/or the student should be a first generation college student.
The purpose of this program is to acquaint these students with a university setting, to strengthen their academic preparation and to increase self awareness motivation through counseling.


More Forms--Nora Garza of PSJA and Mary Morales of Edinburg doublecheck an item before filing our a questionnaire. Upward Bound helps students fill out the forms and applications for financial ald


## Tutored students make better grades

By Joe Miller
You've just failed your aigebra test, feel you're falling behind in the class and don't know what to do about it, well tutoring may be the answer At least 5,000 PAU students tried tutoring last year according to Arturo Ramos of Tutorial Assistance.

The tutoring services are free and are geared to assist those having difficulty understanding their coursework, who have low grades, or who wish to improve their grade point averages.

Tutoring is offered in the following general subject areas at the freshmen/sophomore levels: English, math, biology, chemistry, social sciences,

## Career Day aids in job choice

So you know you want to come to college, but you're not sure just what you want to be? Don't worry. Do you know that the average college student changes his mind about his career three times before he graduates?

Since most colleges have basic courses the first two years, students have a chance to explore a few areas before deciding what work they want to do in life. To help in this decision, one PAU activity is especially beneficial-Career Day.

Each year about 125 companies attend Career Day on campus to interview students and talk with them about jobs in particular fields. Although the day is especially helpful to students who are about to graduate, all students are encouraged to attend, according to Romulo D. Martinez, Jr. director of placement, testing and co-operative education.
"By attending Career Day, a sophomore can get a better idea of which courses he


Baseball Battle--Nationally ranked in the top 20, the 1983 Baseball Broncs are bidding for a playoff berth. Their season record to date is 53-13-1.

1976-77 college graduates held non-professional non managerial jobs for which college degrees were not re lege degreed. This situation, he said, is the result of various factors on the labor market.
The survey, released in 1981, divided its research between those students graduating in the professional fields of business, education engineering, and the health professions and those graduating with degrees in the arts and sciences.
Eight months after graduation, two-thirds of the professional field graduates had moved up to professional managerial jobs, but only two fifths of the arts and science graduates had done so. Overall, only 4 percent of arts and science graduates held jobs in their major field.
However, Martinez said that he has seen similar trends in the past. He compares the availability of jobs to a pendulum and that eventually dulum and that eventually
those persons majoring in the
professional tields will flood the market.
In addition to attending Career Day to stay informed about job markets, Martinez sugests students attend seminars in leadership, in learning how to write resumes, and in getting tips on how to dress, all of which will be offered free on campus each year.

Especially useful is the cooperative program which gives the student work experience that companies often look for he said
Finally, he said that college students will continue to outearn non-college graduates.
Benjamin H. Alexander, president of Chicago State University, puts it this way

## Walk ons welcome to try out for Bronc sports programs

By Carios Ramirez
Pan American University has a fine athletic department with good coaches in each of the sports it has to offer, both male, which competes in the National Collegiate Athletic Association (NCAA) and female, which competes in the National Association of Intercollegiate Athletics (NAIA).
Pan Am has eight sports for men which qualify to compete in NCAA competition. They are basketball, baseball, tennis, soccer, cross-country, track, riflery and golf.

The women's sports are basketball, volleyball, crosscountry, and track

Anyone wishing to try out for a team should contact Athletic Director Lon Kruger and explain their situation to him. He will be more than glad to help out all interested individuals.

Two different kinds of scholarships are offered by the athletic department. One is the full-year scholarship and the second is the books, tuition, and fees scholarship. Both are awarded on a yearly basis and anyone can apply for them. Of course, not everyone will get one because the athletic department only has $\$ 116,000$ to give away each year on scholarships.

There are two basic ways to get on a Pan Am sports team, one is if you are recruited or if you "walk-on" on your own. Pan Am's recruiters do a fairly good job of scoping out the

Spanish, physics and criminal justice. Teachers and peer tutors work with students on an individual or small group basis.
"A study we did on math (tutoring) showed that people who attend at least once a week really profit by it," Ramos said, "their passing rate as compared to other students was a lot higher.'

Anyone wishing to attend tutoring need only contact Tutorial Assistance at 381-2585 to find out when and where the tutoring will take place.

Tutorial Assistance is one of the many academic support services offered at PAU by the Learning Assistance Center, directed by Sylvia S. Lujan

Remember, good people, that those who win in life feel strongly that they can win Life's battles are rarely decided in favor of those who are self doubters or in favor of those who are merely stronger. Life's battles are usually decided in favor of those who are smarter, those who out think the others.
talent that is available, come a long way and is a however, it is possible that they could have overlooked certain talented individuals. So "walk-on"s are encouraged to try out for a particular team.
Assistant coach of the men's basketball team, John McDowell, said Pan Am has school anyone would be pa ud to be a part of.
"Since Pan Am has joined the ranks of the NCAA, it has gained more media coverage, but more important, it is an honor to be recognized as an NCAA school," McDowell said:


Big Stuff-Call it Bronco Mania, Bronc Excitement or whatever, Tony McDanlel adds to it against a North Texas State Mean Green player. The Broncs are looking forward to better times after two off years in a row.


Easy Living-Living in the dorms gives Mary Almaguer of Weslaco and Sandra Aviles of Weslaco time to keep up on the latest fashions. Other definite advantages include sleeping later, fewer parking problems and time saved by not comtages inc
muting.

Help's Close By-Martha L. Sauceda of San Perlita helps Irma Martinex of Laredo with her Spanish lession. Dorm residents can conveniently ask a friend for help with homework or quickly dash over to the the library to "look it up.

## muting. <br> Average life span gives 33 years free time, spend them doing something you like to do

If you consider yourself average and plan to live to the ripe old age of 80 , you need to know you will have about 33 years of free time--time to do something you like to do, something that interests you.
During the productive years between the ages of 20 and 65 -the average person sleeps 13 years and works only 11. That leaves 21 years to do somehting else.
Add to that an expected 15 years after retirement and you get 4 more years of sleep and another 12 years to do something else!! Universty life is designed to have a range of areas and acdo just that-to help a student tivities to explore.
become involved with society, to be active if in community affairs and activities and to learn more about the world more about the world concerts many of their own preparing for his life's work. of performances by its faculty
round him-while also department present music

To lead a full, rewarding life, one needs to understand the world about him and to be an active contributing individual in that world.
that is why colleges and universities and even high schools offer students a chance to learn more than just how to make a living.

Educators have long recognized this basic truth: You've heard the saying that "Man can't live by bread alone," he needs something more in life than just food and shelter.

Music of all kinds can be heard on campus. Students oncerts and the music
members. The university stage band, the Valley Symphony Orchestra and visiting professionals add variety.
Whether you want to be in plays or just want to enjoy seeina them, the drama department offers frequent chances to enjoy good theater

## productions on campus. <br> Pan Am tuitionlower,

 books, dorms higherBy Randy Klutts

Figures from the 1982-83 edition of "The College Handbook" and the PAU Financial Aid office indicate that tuition at Pan Am is 9 -to- 16 percent less than many popular Texas Universities.
Tuition for a nine-month school year at Pan Am is $\$ 285$, compared with $\$ 450$ a year at North Texas State, East Texas State and Lamar Universities. University of Texas at Austin asks $\$ 420$ a year in tuition, and Texas A\&! asks $\$ 375$ a year
Book costs at Pan Am are

## Talent Search seeks students with ability change.

of the universities surveyed.
Pan Am book costs average about $\$ 375$ a year, compared Win $\$ 250$ a year at UT. North exas and A\&I books costs are $\$ 300$ a year, and Lamar University book costs are $\$ 317$ a year. However, Pan Am book costs are lower than East Texas State, at $\$ 420$ a year for books
"The College Handbook," from which these figures were drawn, is a reference work used by the financial aid office to estimate college costs.
The above figures are only estimates and subject to

By Jennifer Main
The Pan American Student Government Association (PAUSA) offers a chance to have a say in how the university is run. The faculty and administration recognize that students' ideas are valuable. Students serve on general university committees and student leaders are often invited

For those high school seniors interested in a post secondary education there is a free service that could prove helpful. It is called Talent Search. Talent Search, started last August, is a federally funded program hosted by Pan American University. The program helps students with college choices, financial aid, test and admission forms. Fifteen work study students from PAU act as student advisers at over 20 Valley high schools and GED centers. The advisers, who have been trained to assist the students, are placed at the schools for
to assist in planning activities and solving problems.
Fraternities and sororities offer an additional opportunity for social life, service to the university and community and leadership experience.
A "rush" week is held each fall and spring to familiarize the students with the fraternities and sororities. During rush, the chapters select new pledges. For many students lifelong friendships start in fraternities or sororities.
Students interested in sports can try out for varsity teams or find a place in in. tramural competition. The varsity team competes in NCAA Division 1.
Special interest student organizations offer still another chance to work with friends who have similar interests. Among them are a variey of national honor and professional societies, departmental clubs in the areas of business, teaching, nursing,


Sooaping Suds--Car washing ls a favorite fund raiser for campus organizations. Terry Rodriguez of Edinburg lends a hand to Phi Kappa Tau.
and science. Others are service organizations, religious groups and international students club.
Students interested in dance can learn everything from the two-step to traditional Mexican folk dances in physical education classes. Those who are especially talented can join the university Jazz Dancers or the Folkloric Dancers which often perform throughout the Valley.

Students who enjoy writing can work in student publications with the yearbook and the newspaper, or may contribute their work to Gallery. the campus literary magazine. All three publications accept photographs, too. The yearbook and newspaper have several paying positions available to freshmen each year.
When planning your schedule, be sure to allow time for campus organizations and activities along with hours for class and work.

## HPANAMERICAN

First summer session registration May 27

| Students are preparing for final examinations and com- | examinations and "dead days" (no classes) are | University Ballioom graduation program. |
| :---: | :---: | :---: |
|  | scheduled for May 5-6, fir |  |
| ic year draws |  |  |
| se. | 5-11, and final exams for da | May |
| Registration for | classes May 7-12. | . May 3 |
| ion at the un |  | can University-Valley |
|  |  |  |
| first day of classes is May |  | soloists |
|  |  | another |
|  |  |  |
| nited departmental | and their familites in |  |

College grads earn more


Unemployment increases Helpline suicide calls


## Alumni to serve munchies

Looney, Crump
 noin wis sumb

## Salvadoran wins Miss Pan American



## PASS features All American plays



TKES kick off karate meet
the Pan American Staff
 Sport Edit
Reporters


Prayer for exam day


OMMENTARY

Thanks PAU | McDowell, my supervisor and which do not have sound- |
| :--- |
| Enriqueta Ramirez, counselor proor profing. It is at this time that |
| for the Department of Com- again I must go in and request |
| We would like to thank |
| munity Affairs, I I find it to to then to lower their voices with |



They have been asked to
leave the library many times
-long before Henry Robinson -long before Henry Robinson
was hired by various mem-
bers of the library staff and by and see my supervisor, Mr. was hired by various mem
McDowell so that I can defend bers of the library staff and by
my actions face to face and I University security officers. my actions face to face and I University security officers.
inform you that I will continue I myself, found it necessary to do my job in a professional to send a letter concerning manner as I m being paid for. their behavior, in May, 1982

,

## Classified Ads

LOST Wed. night, April 20
a dark brown portfolio at
Phy
Physical Science building
Room 102. REWARD $\$ 25$ Call 383-0118 or 389-6249
Male professional, 34 seeks
male of female roommate to
male or female roommate to
share
rent and expenses of large
rent and expenses of large
with pool Call Gary at
$381-2127$

## フ

PRISES, IN
that special
(re) organiza


Rockin roll stirs with
Seven\&Seven,

# pan american universitu 

Tentative Class Schedule

1983 Summer Sessions

Vol. xxxI
May 1983
No. 3
Pubished quarteriy except second quarter, No. 2 and No. 3 bulletin
by Pan American University, Edinburg, by Pan American University, Edinburg, Texas 78539

## General Information

## CLASS OFFERINGS

While this bulletin was prepared on the basis of the best information available at the time, Pan American University reserves the right to change any information, including siatement of fees, course offerings, and admission and
 formity with the laws of the State of Texas.

Office of Admissions and Records has moved to the Cafeteria overflow during remodeling of the Student Services Bullding.

## ADMISSION

All students must file an application for admission if they were not enrolled at PAN AMERICAN UNIVERSITY during the Spring semester 1983. All students who were
enrolled at PAU for the Spring semester 1983 and had enrolled at PAU for the Spring semester 1983 and had
their summer card pulled by the Office of Admissions and Records (Cafeteria Overflow, 381-2206) will receive a Registration Packet.
All beginning freshmen must file high school trans. cripts and ACT or SAT test scores. script sent directly from each coliege previously attended before admission can be granted.
Applications for admission may be obtained from the
OFFICE OF ADMISSIONS AND RECORDS during office OFFICE OF ADMISSIONS AND RECORDS during office hours (Monday thru Friday $8: 00-4: 30$ ) or may be
requested by mail or phone.

## OROPPING A COURSE OR WITHDRAWING

 FROM THE UNIVERSITYAny student who wishes to drop a course or withdraw from the university should do so by obtaining the proper
form from the OFFICE OF ADMISSIONS AND RE. CORDS (Cateteria Overflow), obtain the required signaUFEs on the form, and return the completed form to the

## TUITION

(1) Residents of TEXAS: $\$ 4$ per semester credit hour
with a minimum of $\$ 50$ per semester (minimum of $\$ 25$ with a minimum of $\$ 50$ per semester (minimum of $\$ 25$ per summer session)
(2) Non-residents (students who are residents of
another state or of any country other than the United States of America): $\$ 40$ per semester hour with no min imum per semester.
(3) Nursing students: $\$ 50$ per semester ( $\$ 25$ per summer session) for resident or non-resident nursing students enrolled for 12 or more semester credit hours NOTE: Nursing students enrolled for less than 12 semester hours ( 6 -semester hours per summer ses sions) will pay an amount proportionately less than 12 -semester credit hours ( 6 -semester hours per summer
session) students, but not less than $\$ 20$. Only students officlally accepted by the Nursing Department and enrolled in Nursing Education courses will qualify under this classification.
(4) A teaching assistant, research assistant, or other student employee of PAN AMERICAN UNIVERSITY is
entitled to register himself, his spouse, and their children by paying the tuition fees required for TEXAS residents, without regard to the length of time he has resided in TEXAS; provided the student employee is employ ed at least $1 / 2$ tin
(5) A non-resident student holding a competitive scholarship of at least $\$ 200$ for the academic year for which he is enrolled is entitled to pay the fees required of TEXAS residents without regard to the length of time he has resided in TEXAS, provided that he competes
with other students for the scholarship and that the scholarship be awarded by a scholarship committee officially recognized by PAN AMERICAN UNIVERSITY.
FINAL RESIDENCY DETERMINATION WILL BE BY THE OFFICE OF ADMISSIONS AND RECORDS. OTHER ADDITIONAL FEES
(6) Student service fee: $\$ 5$ per semester credit hour with a maximum of $\$ 60$ for 12 or more semester credit hours each summer session)
(7) Building use fee: $\$ 4$ per
(8) Laboratory fee: $\$ 2$ to $\$ 8$.
(9) Individual instruction fee: $\$ 20$ per one or twosemester credit hour courses and $\$ 35$ per four-semes(10) Parking permit fee: $\$ 8.00$ (Edinburg campus valid thru August 31, 1983); $\$ 4.00$ (Brownsville campus valid hru August 31, 1983).
(11) Late registration fee: $\$ 5$.
(12) Audit fee: $\$ 20$ per course (non-refundable).
(13) Replacement of 10 card: $\$ 5$.

10 card: $\$ 5$


## University Calendar

May 26, Thursday
Registration at Brownsville campus by appoint-
ment only.
Registration by appointment at Edinburg Cam-
May 30, Mond

1. Day and evening classes begin at both Edinburg campus and the Brownsville campus.
2. First day for making schedule changes in University Center Ballroom (7:45-12:00 - 1:00 $-3: 45$ ).
May 31, Tuesday
3. Last day to register or make necessary ass schedule.
June 1, Wednesday
Deadline for submission of financial aid ap-
June 2, Thursday
Fourth class day. Last day for any tuition or fee refund for students dropping courses but re-
maining enrolled at the University.
June 6, Monday
Sixth class day, last day for any tuition or fee efund for students officially and completely withdrawing from the University.
Wednesday
the University with course or to withdraw from hast day to without having a grade recorded.
4, Friday
Last day to officially drop or withdraw through the Office of Admissions and Records.
July 1, Frida
4. First term final examinations on Edinburg Campus.
5. Brownsville campus registration by ap-

July 5, Tuesda
Registration by appointment for 2nd summer term.
July 6, Wednesday
Grade reports for 1st summer term due in Of-
uly 7, Thursday
Day and evening classes begin at both Edin-
July 8, Friday
Last day to register or make changes in class schedule.
July 12, T• ©sday
Fourth class day. Last day for any tuition or fee refund for students dropping courses but remaining enrolled at the University.
July 13, Wednesday
Sixth class day, last day for any tuition or fee refund for students officially and completely withdrawing from the University.
July 15, Friday
Last day to drop a course or to withdraw from the University without having a grade recorded. Last day to change to non-credit.
August 3, Wednesday
Last day to officially drop or withdraw through the Office of Admissions and Records.
August 10, Wednesday
Second term f
Grade reports due in Office of Admissions and Records by 4:00 p.m.

## Family Rights Privacy Act Of 1974

In compliance with P. L. 93-380 Education Amendments of 1974, the following information is provided concer versity.
I. Areas in which student records are maintained. A. Academic Records
and Records - David Zuniga
. Schoois, Department, and Facuity Offices
Vinson Student Affairs Records
Career Planning, Placement, and Testing
Office - Romulo Martinez
and Housing Director's Office - Judy Vinso
Student Health Service Office - Dora Castillo
4. Student Government Office

1. Financial Records
2. Business Affairs Office - William Chess
3. Financial Ald Office - Clementine Cantu
II. Directory Information. This is information which may be released to the general public without the written consent of the student. A student may rethe public by making a written request to the Office of Admissions and Records during the first 12 class days of a summer term. This request will apply only to the current enrollment period. The following to be included as directory information.
A. Name

Current and Permanent Address Date and Place of Birth Telephone Major(s) or Minor(s) Major(s)
Current Class Schedule
G. Number of Hours Enroiled Current
H. Classificatio

Participation in Officiaily Recognized Activities and Sports
Weight and Height of Members of Athletic Teams
K. Degrees and Awards Received All Previous Educational Agencies or Institutions Attended
III. Review of Record - Any student who desires to Review of Record. Any student who desires to
review his, her record may do so upon request to the appropriate office immediately responsible for the record, and completion of the "Review Request" form.
IV. Challenge to accuracy of record-keeping - any student who desires to challenge the accuracy of his her record should follow the procedure outlined below:
A. Informal Review - Following the procedure as outlined for "Review of Record." Official will sum-
marize action taken on "Review Request" form. marize action taken on "Review Request" form. This should be signed and dated by the Review of ficial and maintained with the student's record
B. Formal Review - If the informal review does not clarify the question of accuracy of record keeping, the student may request a formal review. The Vice President for Academic Affairs will chair and ap-
point a committee to hear challenges concerning point a committee to hear challenges concerning
academic records. The Vice-President for Student Affairs will chair and appoint a committee to hear challenges concerning non-academic records.



## FEES

| Period | Subject and <br> Course Number | Room No. | Instructor | Period | Subject and <br> Course Number | Room No. | Instructor |
| :---: | :--- | :---: | :--- | :---: | :---: | :---: | :---: |
| 1 |  |  |  | 5 |  |  |  |
| 2 |  |  |  | 6 |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |


| Term | Semester Credit Hours Enrolled for | Residents of Texas | NonResident Students (See Note 1) | Nursing Studen (see Note 2) |
| :---: | :---: | :---: | :---: | :---: |
| Each Fall or Spring Semester | 1 | \$59.00 | \$ 49.00 | \$ 29.00 |
|  | 2 | 68.00 | 98.00 | 38.00 |
|  | 3 | 77.00 | 147.00 | 47.00 |
|  | 4 | 86.00 | 196.00 | 56.00 |
|  | 5 | 95.00 | 245.00 | 65.00 |
|  | 6 | 104.00 | 294.00 | 78.00 |
|  | 7 | 113.00 | 343.00 | 91.00 |
|  | 8 | 122.00 | 392.00 | 104.00 |
|  | 9 | 131.00 | 441.00 | 117.00 |
|  | 10 | 140.00 | 490.00 | 130.00 |
|  | 11 | 149.00 | 539.00 | 143.00 |
|  | 12 | 158.00 | 588.00 | 158.00 |
|  | 13 | 164.00 | 632.00 | 162.00 |
|  | 14 | 172.00 | 676.00 | 166.00 |
|  | 15 | 180.00 | 720.00 | 170.00 |
|  | 16 | 188.00 | 764.00 | 174.00 |
|  | 17 | 196.00 | 808.00 | 178.00 |
|  | 18 | 204.00 | 852.00 89600 | 182.00 18600 |
|  | 19 | 212.00 | 896.00 | 186.00 |
|  | 20 | 220.00 | 940.00 | 190.00 |
| Eachadditionalhour |  |  |  |  |
|  |  |  |  |  |
|  |  | 8.00 | 44.00 | 4.00 |
| Each | 1 | 34.00 | 49.00 | 29.00 |
| Six-Week | 2 | 43.00 | 98.00 | 38.00 |
| Summer | 3 | 52.00 | 147.00 | 47.00 |
| Session | 4 | 61.00 | 196.00 | 56.00 |
|  | 5 | 70.00 | 245.00 | 65.00 |
|  | ${ }_{7}$ | 74.00 | 289.00 | 73.00 |
|  | 7 | 81.00 | 333.00 | 78.00 |
|  | ${ }_{9}^{8}$ | 89.00 97.00 | 377.00 421.00 | 82.00 86.00 |
| $\begin{array}{r} \text { Each } \\ \text { additional } \\ \text { hour } \\ \text { add... } \end{array}$ |  |  |  |  |
|  |  |  |  |  |
|  |  | 8.00 | 44.00 | 4.00 |
| Note 1: Students who are residents of a state other than Texas or are citizens of a foreign country are classified as "NonResident Students". |  |  |  |  |
| Note 2: Students enrolled in Nursing Education and who have been accepted by the Nursing Education Department and are enrolled in Nursing Education courses are in a special tuition classification shown in the above Fee Table. |  |  |  |  |

ABBREVIATIONS AND SYMBOLS
BUILDINGS: WEST CAMPUS

| AA | Art Annex |
| :---: | :---: |
| AB | Administration Bldg. |
| BA | Business Administration Building |
| BSU | Baptist Student Union |
| CC | Computer Center |
| COFC | Church of Christ |
| CMC | Campus Ministry Center |
| COURT | Tennis Court |
| ECC | Early Childhood Center |
| ED | Education Bldg. |
| EM | Emilia Hall |
| FA | Fine Arts Complex |
| FB | Fine Arts Complex |
| FC | Fine Arts Complex |
| FIELD | Playing field next to old gym |
| LA | New Liberal Arts Bldg. |
| LRC | Learning Resource Center |
| MB | Math Building |
| NB | Nursing Bldg. |
| O GYM | Field House |
| PE | Physical Education Bidg. |
| PE GYM | Physical Education Bidg. |
| PS | Physical Science Bldg. (old Engineering Bldg.) |
| PLAN | Planetarium |
| POOL | Physical Education Bldg. |
| SB | Science Bldg. |
| SH | Southwick Hall |
| SCSI | Student Center for Social Involvement |
| SS | Student Services Building (Old Library) |
| OFF CAMPUS LOCATIONS: |  |
| HARL |  |
|  | High School, <br> Harlingen |
| RAY | Raymondville High School, Raymondvile |
| RGC | Title I Building, Rio Grande City |
| MISCELLANEOUS: |  |
| GOLF | Golf Course, Edinburg |
| P BOWL | Park Bowl, Edinburg |
| ACT | American College Testing (Program) |
| ARR | To be arranged |
| M | Monday only |
| TU | Tuesday only |
| w | Wednesday only |
| TH | Thursday only |
| F | Friday only |
|  | Saturday only |
| MWF | Denotes classes meeting |
|  | Monday, Wednesday, and |
|  | Friday |
| TT | Denotes classes meeting Tuesday and Thursday |
| MW | Denotes classes meeting Monday |
|  | and Wednesday |
| M-F | Denotes classes meeting Monday thru Friday |
| M-Th | Denotes classes meeting Monday |
|  | thru Thursday |



## Second Summer Session

## Edinburg Campus

NAVE
SOC.SEC.NO.
This schedule is to be comploted by the departmental representative as the class labels are obtained and is to be kept by the student for use after registration as a directory for his classes

| Period | Subject and <br> Course Number | Room No. | Instructor | Period | Subject and <br> Course Number | Room No. | Instructor |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  | 5 |  |  |  |
| 2 |  |  |  | 6 |  |  |  |
|  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 4 |  |  |  | 12 |  |  |  |

 $\begin{array}{rrrr}2 & 9: 25-10: 55 & 5 & 2: 25-3: 55 \\ 3 & 11: 05-12: 35 & 6 & 4: 05-5: 35\end{array}$

Second Summer Session
Brownsoille Campus
pan
american
university
NAME
ThIS SCHEDULE IS TO BE COMPLETED BY THE DEPARTMENTAL REPRESENTATIVE AS THE CLASS LABELS ARE OBTAINED AND IS TO BE KEPT BY THE STUDENT FOR USE AFTER REGISTRATION AS A DIRECTORY FOR HIS CLASSES.

| PERTOD | SUBJECT AND COURSE NUMBER | ROOM No. | 1 ISTRUCTOR | PER190 | SUBJECT AND COURSE NUMBER | ROOM No. | InSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M-F |  |  |  | M-TH |  |  |  |
| ? (8:00-9:30) |  |  |  | 7 (4:30-5:30) |  |  |  |
| 2 (9:40-11:10) |  |  |  | $8(5: 40-6: 40)$ |  |  |  |
| 3 (11:20-12:50) |  |  |  | 9 (6:50-7:50) |  |  |  |
| M-TH |  |  |  | (13 Evening |  |  |  |
| 4 (1:00-2:00) |  |  |  | 12 (5:40-9:50) |  |  |  |
| 5 (2:10-3:10) |  |  |  | It evening |  |  |  |
| 6 (3:20-4:20) |  |  |  | 12 (5:40-9:50) |  |  |  |

PAN AMERICAN UNIVERSITY

EAST CAMPUS:
OLD ADMINISTRATION BUILDING
OLD FINE ARTS BLD
DRAMA BLDG.
INAMASTRIAL ARTS BLDG.
IIPER BIDG
PIS
PIPER BLDG.
PHYSICAL PLANT STORAGE
WEST CAMPUS:
$\begin{array}{ll}\text { AA } & \text { FINE ARTS ANNEX } \\ \text { AB }\end{array}$
FINE ARTS ANNEX
ADMINITRATIN BUILDING
ADMINISTRATION BUILDING ANNEX
ADMINISTRATION BUILDING ANNEX
ACADEMIC SUPPORT FACILITY
ACADEMS SDMINIITRATTON BUILDING
BUSINESS ADMINITRATION BUILDIN EARLY CHILDHOOD DEVELOPMENT CENTE EDUCATION COMPLEX
EMILIA ARALL COMPLEX
INE ARTS COMPLEX
LIBERAL ARTS BUILDING
LIBERAL ARTS BUILDING MATH BUILDING NURSING EDUCATION BUILDING OFFICE BUILDING A OFFICE BUILDING B OFFICE BUILDING D OFFICE BUILDING E OFFICE BUILDING F OFFICE BUILDING H FFFICE BUILDING J
LD GYMNASIUM
PLANETARIUMIOBSERVATORY PHYSIIAL SCIENCE BUILDIN SCIENCE BUILDING
SOUTHWICK HALL SOUTHWICK HALL
UNIVERSITY CENTER COMPLEX WOMEN'S RESIDENCE HALL
UNIVERSITY BOOKSTORE


EDINBURG, TEXAS
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First Summer Session
Edinburg Campus Undergraduate Courses
(All comment lines within the schedule precede
the specific course and section it affects.)

|  |  |  | गtinaurg caipus |  | Courses |  |  |
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| UNIQUE COURSE NUMBER NUMBER |  | cou |  |  |  |  |  |
|  |  | ************************************* |  |  |  |  |  |  |  |
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|  | ACCOUNTING |  |  |  |  |  |  |
| ACC $2421-\mathrm{SIGN}$ |  | UP For tiecture section an | ND LAB. |  |  |  |  |
|  |  | Pfitn of accountting it |  | 7:45-9:15 | die |  | BA |
|  | 2421.02 | PRIN Of ACCOUNTING | $N-$ | 1:05 | dietz |  | -A 115 |
|  | ACC 2471-- ACCOUNTIVG LABS MEET 12:45-2:45 P, m. \#very other day. |  |  |  |  |  |  |  |
|  |  |  |  |  | state |  | BA $2+1$ |
|  | 2.421 LAB | PRIN OF AcCounting |  | RANGED | ctapm |  | BA 211 |
|  | 332.1.01 | inter accounting |  | 7:15- | AA |  | EA 119 |
|  | 3324.01 | Cost accoun |  | 9:25-10:55 |  |  |  |
|  |  | Accoun |  |  |  |  |  |
|  | (ART) ART |  |  |  |  |  |  |  |
|  | 1301.01 | ecta |  | 12:05-2:15 |  |  |  |
|  | 1332.01 | tettering | M-E | 7:45-10:55 | manuella | 4.00 | FB 21 |
|  | 2332.01 | DELIGN II | M-P | 11:05-2:15 | manujlea |  |  |
|  | ${ }^{2371.01}$ | Ceramics it |  | 7:45-10:55 | HYSLIN |  | AA 102 |
|  | 3321.01 | PAINTING IIT |  | 7:45-10:55 9:25-12:35 | ${ }_{\text {HYSLI }}^{\text {HeL }}$ |  | ${ }^{\text {AA }} 10$ |
|  | 3322.01 | PAINTING IV | M-F | ¢:25-12:35 | cield |  | PB 22 |
|  | ${ }^{3371.01}$ | Cefamics ilit |  | 7:45-10:55 | HYSLIN |  |  |
|  | 3372.01 | CERAMICS IV |  | 7:45-10:55 | pYSLIN |  |  |
|  | 3381.01 | PERC AND EXP IN |  | 0:25-10:55 | PRINCE |  | FB |
|  | (BIBL) BIBLE |  |  |  |  |  |  |  |
|  |  |  |  | 9:25-10:55 $11: n 5-12: 35$ |  |  |  |
|  | (RIOL) BIOLOGY |  |  |  |  |  |  |  |
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|  | 1305.01 | nlogy blem teache |  |  | ELa |  |  |
|  | ${ }^{1305}$ LAB A |  |  | 9:25-10:55 |  |  | A |
|  | 1305 LAB b | biology plek tenchers |  | 11.05-12:35 | DFLAP: |  | SB 12 |
|  | BIOL 14C1.W1 -- THIS SECTION FOP HONOR STUDENTS ONT |  |  |  |  |  |  |  |
|  | 1401.01 | Cemera, btology | M-F | 7:45-9:15 | SIDES |  |  |
|  | 1401.82 | GENERAL BIOLOGY | ${ }_{\text {M }}^{\text {M }}$ - | 9:25-10:75 | ${ }_{\text {OR }}^{\text {ORTEGA }}$ |  | SB |
|  | 1401 LAB A | CENERAL BIOLCCI |  | 7;15 9:15 | STAF |  | SB <br> St <br> 124 |
|  | 1401 Lab ${ }^{\text {B }}$ | GENERAL BIOLOGY |  | 9:75-10:55 | Stapf |  |  |
|  | ${ }^{1401}$ LAB C |  <br> RY <br> ER INFORMATION SYSTEMS <br> LABORATORY SCIENCE <br> mpD LAE LEADERSHIP <br> CLINTCAL MICROB.O =I <br> ARRANG:D <br> ABRAHAM VIDALES <br> NICATIONS <br> PRESENTATIONAL SPKNG PRECENTATIONAL SPKNG <br> PRESENTATIONAL SPKNG |  |  |  |  |  |
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|  | 1 |  |  |  |  |  |  |  |
|  | 1402 LAB A |  |  |  |  |  |  |  |
|  | 1402 LAB B |  |  |  |  |  |  |  |
|  | ${ }_{2}^{2403.01}$ |  |  |  |  |  |  |  |
|  | 2403 LAB |  |  |  |  |  |  |  |
|  | 3309.01. |  |  |  |  |  |  |  |
|  | 3309 LAB A |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | ${ }^{3402}$ LAB A |  |  |  |  |  |  |  |
|  | (CHEM) CHEMISTRY |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1401.71 |  |  |  |  |  |  |  |
|  | 1401 lab A |  |  |  |  |  |  |  |
|  | 1401 LAB b |  |  |  |  |  |  |  |
|  | j401.nt |  |  |  |  |  |  |  |
|  | ${ }^{3} 01 \mathrm{LABA}$ |  |  |  |  |  |  |  |
|  | $4201.01$ |  |  |  |  |  |  |  |
|  | $4202.01$ |  |  |  |  |  |  |  |
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|  | 1301. 12 |  |  |  |  |  |  |  |
|  | $1301 \quad 13$ |  |  |  |  |  |  |  |
|  | $\begin{aligned} & 23,9.01 \\ & 23,0,12 \end{aligned}$ |  |  |  |  |  |  |  |
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|  | (CLS=) CLINICAL LABORATORY SCIENCE - |  |  |  |  |  |  |  |
|  | $4303.01$ |  |  |  |  |  |  |  |  |
|  | $4431.07$ |  |  |  |  |  |  |  |  |  |  |  |  |
| (COMन) COMMUNICATIONS |  |  |  |  |  |  |  |
|  | $1303.01$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & 1303 . \mathrm{Cn}^{7} \\ & 13 \mathrm{C3} .0 \mathrm{n} \end{aligned}$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | $1303.04$ | ONAL SPKNG |  | ARAANGFD | MC |  |  |
|  | $\begin{aligned} & 1515.01 \end{aligned}$ | SUMMER THEATRE WJRKSAO | -F | 7:45-9: | -tape |  | 8 13 |
|  | 2161.01 | - RACTICUM-THEATRE |  | Ranged | STAFF |  |  |
|  | $3314.01$ | PrRSUAAIVL COMMUNICAT | M-F | 11:05- | RIEKE |  |  |
|  | $\begin{aligned} & 4101,01 \\ & 48,15,01 \end{aligned}$ | PRACTTCUM-THEATRE SUMMER THEATRE WORLSHP | M-F | $\begin{aligned} & \text { ARRANGED } \\ & 7: 45-9: 15 \end{aligned}$ |  |  |  |
|  |  |  |  |  |  |  |  |
|  | CRIMINA | AL Justice |  |  |  |  |  |
| (ACC) <br> ACC: 242 R0171 <br> ACC 24? T0173 Wก175 A0176 <br> (ART) <br> D0485 B0001 Enon3 FOnOA RODOF 50007 $\begin{array}{r}\text { T } \\ \times 2008 \\ \hline\end{array}$ <br> (BIBL) <br> v0031 W0n32 <br> (BIOL) <br> wn34n <br> AO34 $B 0342$ <br> ${ }^{\text {BIOL }} 14$ <br> E6344 <br> F0345 RO347 Sn348 Tก349 <br> v0350 W0351 An352B0353 D0354 F0356G0357 <br> R 0358 50359 TCV 0361 <br> (CHEM) <br> En32? FO3:3 GO324 RO325 5032.6 <br> V0328 <br> (CIS) <br> RO182 <br> SO183 G0<78. <br> T0184 VO185 <br> (CLS?) <br> COOFI <br> ROOT2 <br> (COMM) <br> A 0022 DOO24 <br> COMM 13 <br> E2025 <br> $\mathrm{FOO}=\mathrm{F}$ <br> R0028 <br> Sn029 <br> (CRiJ) <br> 60104 30.05 <br> 80103 | 2304.01 2344.01 | POLICE-COMM RELATIONS CRRRECT:ONAL ADMIN |  | $s: 25-1 n: 55$ | CARTER DEARTH |  | $\begin{array}{lll}\text { LA } & 125 \\ \text { L4 } & 125\end{array}$ |
|  | 2344.01 | CmRrect:onal admin | M-E | 11:05-12:35 |  |  | L4 12 |
|  |  | ADV POLICE ORG \& $A$ SM ${ }^{\text {N }}$ | *-P | -:45-11:1 | nearth |  | LA 111 |
| S0107 | $\begin{aligned} & 4852.01 \\ & 4401 . n 1 \end{aligned}$ | SPECTAL MOPICC-CFIJ |  |  | ¢TANFORD |  |  |
| Eco) | ECONOM | Mics |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| DC178 | $2353 . \wedge 1$ | PRINC Of ECONOMICS I | M-F | 9:35-10:55 | YUNDT |  | BA 113 |
|  | 2353.n2 | PRINC OF ECONOMICS I <br> RRTN OF ECONOMLCS II | $\begin{aligned} & M-F-F \\ & M-F \end{aligned}$ | 12:45-2:15 | ${ }_{\text {Y CANDT }}$ |  |  |
| D ) |  |  |  |  |  |  |  |
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| 165 | $1.01-\text { Fon }$ | EDingurg teacher aidis | Oniv. |  |  |  |  |
|  | 1551.01 | V)RKKHOP TEACHER AIDES | M-F |  |  |  | ED 218 |
| En245 | 21nn.01 | A MMISS -O TEACHER ED | MW | 11:05-12: | MORSE |  | En 10 |
| t0245 | ${ }_{2100.03}$ | MISS TO TFACHER ED | Tw | 12:05 - $2: 1$ | MORSE |  | ${ }_{\text {ED }} 104$ |
| 25 | 3301.01 | INS Thi. Technotocy | N- | 7;45- 0 , 15 | reeve |  | ED 113 |
| R0325 So22 | ${ }_{3301.02}^{3301.03}$ | INSTRUCTNL MeCHMSLOS | M-F | $9.75-10: 55$ $11: 35-12: 35$ | RRA |  |  |
| ${ }_{8024}$ | 3301.03 | ST |  | 7:45- ${ }^{\text {a }}$ :1 | moo |  | ED 213 |
|  |  | EDLC PAST AND POESENT |  | ):2 |  |  | ED 110 |
| vo229 | 7303, $n$ \% | EDUC PAST AHPD PRESSNT |  | 11:75-17:35 | revi |  | ED 119 |
| G32.3 | 33C5.01 | Cund ge croasclem ed |  | 11:015-12:35 | perez |  | Eก 2, ${ }^{\text {¢ }}$ |


| MATA <br> W0313 <br> D0376 <br> E0377 <br> F037月 G0379 <br> R0380 <br> SO381 T0387 <br> W03R4 <br> An 385 <br> 803R6 |  | SCIAL SECTION FOR THE MATH APPRECIATION I BASIC ALGEARA basic algebra COLLEGE ALGEBRA TRIGONOMETRY calculus I <br> MATH FLEM TEACHERS I <br> buSiness algebra BUSTNESS ALGERRA business calculus COMP LINEAR ALGEBRA THEORY OF NUMBERS | $M-F$ <br> $M-F$ <br> $M-F$ <br> M-F <br> $M-F$ $M-F$ <br> $M-F$ <br> $M-F$ $M-F$ <br> $M-F$ $M-F$ <br> $M-F$ $M-F$ |  | CHANCE <br> GILPIN <br> VI LLARREAL <br> PARKER <br> WI FNER <br> WIENER <br> SKOW <br> VILLARREAL <br> PAR"ER <br> SKOW <br> CROFTS <br> CHANCE |  | MB 108 <br> MB 102 <br> MB 102 <br> MB MB 114 <br> MB 108 <br> $\begin{array}{ll}\text { MB } & 106 \\ M B & 102\end{array}$ <br> MB 102 <br> $M 8$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | waL |  |  |
| MATH 4 Eก388 (MUS ) |  |  | S-8 | 12:45-2:15 | wiener |  | MB 108 |
| T0085 An088 v0085 | $\begin{aligned} & 1223.01 \\ & 1231.02 \\ & 1231.03 \end{aligned}$ | rlass VoIce applifn piano APPLIED PIANO | ${ }_{\substack{\mathrm{A}_{\mathrm{ARR}} \\ \hline \text { AR }}}$ | $\begin{aligned} & 9: 25-10 \\ & \text { ARRANGED } \\ & \text { ARRANGED } \end{aligned}$ | STOVER mCMulLen GROSSMAN |  | FC 111 FB122A |
| B010n <br> D0090 <br> F0092. <br> ROn94 <br> wnn98 <br> Gn08? <br> W0087 <br> D0101 <br> E0091 <br> Gn093 <br> S0095 V 0097 <br> A0099 <br> SOORA | 1233.01 <br> 1241.01 <br> 1245.01 <br> 1247.01 <br> 2307.01 <br> 3232.02 <br> 3234.01 <br> 3242.01 <br> 3245.01 <br> 3248.01 3250.01 <br> 3311.01 | APPLIED VOICE <br> APPLIED TRUMPET <br> APPLIED FRENCH HORN <br> APPLIED TROMBONE <br> APPLIED BARITONE HORN <br> APPLIED TUBA <br> music. apprectation <br> APPLIED PIANO <br> applied piano <br> APPLTED VOICE <br> APPLIED TRUMPET <br> APPLTED FRENCH HORN <br> APPLIED TROMBONE <br> APPLIED EARITONE HORN <br> APPLIED TUBA <br> ELEM SCHOOL MUSIC |  | ARRANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED $\begin{aligned} & 9: 25-10: 55 \\ & \text { ANGED } \end{aligned}$ <br> ARANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED <br> ARRANGED $9: 25-10: 55$ | STOVER <br> CANTY <br> CANTY <br> CANTY <br> CANTY <br> CANTY <br> seale <br> MCMULLEN <br> grossman <br> STOVER <br> CANTY <br> CANTY <br> CANTY <br> CANTY <br> CANTY <br> RICHARDSON |  | FB113B <br> FC119C <br> FC119C <br> FC119C <br> FC119C <br> FC 103 <br> FB1 22 C <br> FB1138 <br> FC119C <br> FCl19C <br> FC119C <br> FC1 19 C FB 128 |
| MUS 3311.02 -- ELEM MUSIC WORKSHOP MEETS MON-THURS, MAY 30-JUNE 21 ROD83 3311.02 ELEM SCHOOL MUSIC arranged <br> (N ED) NURSING EDUCATION |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { Vn075 } \\ & \text { Woolt } \\ & \text { A077 } \\ & \text { B0078 } \\ & \text { D0079 } \\ & \text { E0080 } \\ & \text { FOn81 } \end{aligned}$ | $\begin{aligned} & 2403.01 \\ & 2403 \mathrm{LAB} \\ & 2403 \mathrm{LAB} \\ & 2403 \mathrm{LAB} \\ & 2403 \mathrm{LAB} \\ & 2403 \mathrm{LAB} \\ & 2403 \mathrm{LAR} \\ & 2403 \mathrm{LAB} \end{aligned}$ | MED-SURG NURSING II MED-SURG NURSING II MED-SURG NURSING II MED-SURG NURSING II MED-SURG NURSING II MED-SURG NURSING II MED-SURG NURSING II |  | 9:35-3:55 $7: 15=3: 55$ $7: 45=3: 55$ $7: 45$ $7: 45=3: 55$ $7: 45$ $7: 45$ $7: 45=3: 55$ $7: 45$ | FOSSUM <br> FOSSUM LERMA MCCORMICK LERMA RODR IGUEZ SKINNER |  | NB 112 <br> HOSP <br> HOSP <br> HOSP <br> HOSP <br> HOSP <br> HOSP |
| (PE) Physical education |  |  |  |  |  |  |  |
| There is a required fee for Bowling (\$25), Golf (\$6), and Horsemanship (\$99) for the use non-university facilities and equipment which is paid directly to the provider of the facilities. |  |  |  |  |  |  |  |
| wo29f <br> A0297 <br> D0299 <br> ${ }_{\mathrm{F}}^{\mathrm{E} 0300} 1$ <br> $\mathrm{GnO}_{\mathrm{CO}} \mathrm{O} 2 \mathrm{O}$ <br> $503 n 4$ <br> W0307 <br> An308 B03ng <br> D031- <br> D027 <br> F0279 <br> $\mathrm{RO}_{\mathrm{RO}} \mathrm{RO}_{1}$ <br> 50287 -70283 <br> Vn2R4 WO285 <br> A 228 <br> D028 <br>  <br> Gn29 <br> 50293 |  | EGULATION UNIRORM IS REOU <br> FOLKLORIC DANCE <br> FOLKLDRIC DANCE <br> BEGINNING SWIMMING <br> BEGINNING SWIMMING <br> FITNESS \& MOTOR DEV <br> FITNESS \& MOTOR DEV softball <br> INTRO HEALTH PE \& REC <br> SAFETY ED \& FIRST AID <br> SAFETY ED \& FIRST AID <br> BEGINNING TENNIS <br> WEIGHT TRAINING <br> WEIGHT TRAINING <br> WEIGHT TRAINING <br> BEGINNING GYMNASTICS <br> BEGINNING GYMNASTICS <br> ADAPTIVE PHYS ICAL RD <br> FOLK AND SOUARE DANCE <br> TENNIS II <br> BOWLING <br> BIOMECHANICS <br> COACH BASKETBALL <br> TCH DANCE ACTIVITIES DANCE POR CHILDREN METH TCHNG GYM EL SCH TCHNG TMBLING ${ }^{8}$ GYM P E ELEMENTARY SCHOOL WORRSHOP PHYSICAL ED ADAPTED P E PROGRAM | $\begin{aligned} & \text { RED FOR } \\ & \text { MTTF } \\ & \text { MTTF } \\ & M T T F \\ & M T T F \\ & M T T F \\ & M T T F \\ & M T T F \\ & M-F \\ & M-F \\ & M-F \\ & M T T F \\ & M T T F \\ & M T T F \\ & M T T F \\ & M T T F \\ & M T T F \\ & M T T F \\ & \\ & \text { MTTF } \\ & \text { M } \\ & M T T F \\ & M T T F \\ & M T T F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \end{aligned}$ |  | URSES. <br> MUNOZ <br> munoz <br> JORGENSEN <br> JORGENSEN <br> SEMPER <br> SEMPER <br> rabke <br> GUinn <br> guinn <br> williams <br> RABKE <br> BROORS <br> BROORS <br> BROOKS <br> HAWKINS <br> HAWKINS <br> thomas <br> MUNOZ <br> WILLIAMS <br> esparza <br> esparza <br> JORGENSEN <br> WILLIAMS <br> thomas <br> THOMAS <br> hawkins <br> BLACK <br> BLACK <br> thomas <br> thomas |  | $\begin{array}{ll}\mathrm{PE} & 111 \\ \mathrm{PE} & 111\end{array}$ POOL POOL <br> FIELD FIELD <br> FIELD <br> $\begin{array}{lll}\text { PE } & 112 \\ \text { PE } & 104\end{array}$ <br> PE 104 <br> COURTS <br> WT RM <br> WT RM <br> WT 0 GYM <br> 0 GF <br> PYM <br> 114 <br> PE 119 <br> PE 111 <br> P Bowl <br> P BowL <br> $\begin{array}{ll}\text { PE } & 112 \\ \text { RE } & 113\end{array}$ <br> PE 113 <br> - GYM <br> o GYM <br> $\begin{array}{lll}\mathrm{PE} & 112 \\ \mathrm{PE} & 113\end{array}$ <br> $\begin{array}{ll}\text { PE } & 119 \\ \text { PE } & 112\end{array}$ <br> PR 11 ? |
| (PHIL) PHILOSOPHY |  |  |  |  |  |  |  |
|  | $\begin{array}{ll}9 & 1320.01 \\ 0 & 2310 . n 1\end{array}$ <br> s) PHYSICS | INTRO TO LOGIC METAPHYSICS | ${ }_{M}^{M-F}$ |  | $\underset{\substack{\text { carter } \\ \text { CARTER }}}{ }$ |  |  |
|  | ${ }_{7}^{61201.01}$ | SCI AND ENGR ANALY IS GENERAL PHYSICS |  | 5-17:35 |  |  | 24 |
| PHYS 1401 -- LABORATORIES -- CHOOSE ONE. <br> TO338 1401 LAB A GENERAL PHYSICS <br> V0339 1401 LAB B GENERAL PHYSICS <br> (PSCI) PHYSICAL SCIENCE |  |  | ${ }_{M}^{M-8}$ |  |  |  |  |
|  | - 1301.01 | phys sci bl teachers | M-F | 9:25-10:55 | Lemastrr |  | Ps |
| PSCI 1301 - LABORATORIES -- CHOOSE ONE. B0331 1301 LAR A PHYS SCI EL TEACHERS $\begin{array}{llll}\text { D0332 } & 1301 & \text { LAB B } & \text { PHYS SCI EL TEACHERS } \\ \text { E0333 } & 1303.01 & \text { PHYSICAL SCIENCE }\end{array}$ |  |  | $\begin{gathered} M-F \\ M-F \\ M-F \end{gathered}$ | $\begin{array}{r} 7: 45-9: 15 \\ 12: 45=2: 15 \\ 9: 25-10: 55 \end{array}$ | Lemaster LEmASTER LEMASTER |  | $\begin{array}{ll} \text { PS } & 138 \\ \text { PS } & 138 \\ \text { PS } & 124 \end{array}$ |
| PSCI 1303 -- LABORATORIES -- CHOOSE ONE. FO334 1303 LAB A PHYSICAL SCIENCE Gn335 1303 LAB A physical science |  |  | ${ }_{\substack{\text { m-F }}}^{M-8}$ | 7:45 $=9$ 9:15 |  |  | $\underset{\text { Ps }}{\substack{\text { Ps } \\ 138 \\ 138}}$ |
| (PSY) PSYChology |  |  |  |  |  |  |  |
|  | 31 1313.01 <br> 32 1313.02 <br> 33 1313.03 <br> 34 1323.01 <br> 35 1323.02 <br> 36 2337.01 | INTRO TO PSYCHOLOGY INTRO TO PSYCHOLOGY INTRO TO PSYCHOLOGY gENERAL PSYCHOLOGY GENERAL PSYCHOLOGY PSY LIFESPAN DEV-AGING | $\begin{aligned} & M-F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \\ & M-F \end{aligned}$ | $\begin{array}{r} 7: 45-9: 15 \\ 11: 05-12: 35 \\ 12: 45-2: 15 \\ 7: 45=0: 15 \\ 9: 25-10: 55 \\ 12: 45-2: 15 \end{array}$ | WINKEL <br> MONTGOMER <br> WINKEL <br> WISENER <br> LEVINE <br> ALAMIA |  | $\begin{aligned} & \text { LA } 125 \\ & \text { LA } 121 \\ & \text { LA } 121 \\ & \text { SS } 1201 \\ & \text { LA } 109 \\ & \text { SS } 2018 \end{aligned}$ |
|  |  |  |  |  |  |  | A |
|  |  |  |  |  |  |  | LA |
| PSY 4333.01 -. MAY NOT BE TAKEN FOR CREDIT TF CREDIT HAS BERN EARNED <br> S0139 4333.01 THEORIES PERSONALITY M-F 9:25-10:55 <br> En487 4384.01 SPECIAL PROBLEMS <br> ARRANGED <br> (SOC) SOCIOLOGY |  |  |  |  |  |  | ${ }_{\text {ARR }}^{\text {St }}$ (311 |
| $\begin{array}{ll} A n 143 & 1313.01 \\ \text { E0145 } & 1323.02 \\ D 0145 & 1313, n 3 \\ 80144 & 1323.01 \end{array}$ |  | PRIN OF SOCIOLOGY PRIN OF SOCIOLOGY PRIN OF SOCIOLDGY STUDY OF SOC PROBLEMS | $\begin{aligned} & M-F \\ & M-F \\ & M-F \\ & M-F \end{aligned}$ |  | LIFROWITZ <br> NELSON RICHARDSO NELSON |  | LA 12.1 SS201A SS 301 SS201A |
|  |  |  |  |  |  |  | LA |
| SOC 4323.01 -- <br> G014R 4323.01 <br> SOC 4397.01 -. S <br> R0149 43R7.71 <br> (SOCW) SOCIAL W <br> $\begin{array}{lll}V 0152 & 3333.01\end{array}$ <br> wo153 3334.n1 |  |  |  |  | En for |  | LA |
|  |  | SPECIAL TOPICS: NUCLEAR EnRoLLMENT WITH PERMISSION spec socio cult issues |  | RE AND THE, ARMS INSTRUCTOR ONLY. $\text { F } 11: 05-12: 35$ | JUAREZ |  |  |
|  |  | WORK SPEC TOPICS IN SOC IS SPEC TOPICS in SOR ISS | $\begin{array}{cc} s s & M-F \\ S S & M-F \end{array}$ |  | DEHOYOS DEHOYOS |  | LA LA 1110 |

(SPAN) SPANISH

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$015 \quad 1304.01$

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contreras



First Summer Session
Edinburg Campus Graduate Courses





## (PSY) PSYCHOLOGY




(SOC) SOCIOLOGY



First Summer Session Edinburg Campus Off-Campus Courses

(GOVT) GOVERNMENT


## First Summer Session <br> Brownsville Campus Undergraduate Courses

(All comment lines within the schedule precede the specific course and section it affects.)



(HIST) HISTORY
(MANA) MANAGEMENT
B0430 3361.5n PRIN OF MANAGEMENT MW 5:40-9:50 PM STAFF




## Second Summer Session Edinburg Campus Undergraduate Courses



## ACCOUNTING

$\begin{array}{lllllllll}\text { G0050 } & 2322.01 & \text { PRIN OF ACCOUNTING II } & \text { M-F } & 7: 05-9: 15 & \text { STRONG } & \text { BA } & 121 \\ \text { ROOF1 } & 2322.02 & \text { PRIN OF ACCOUNTING II } & \text { M-F } & 11: 05-12: 35 & \text { STRONG } & \text { BA } & 111\end{array}$



(ART) ART
G0005 1301.01 ART APPRECIATION M-F 9:25-10:55 HYSLIN

ART 2342.01 - SCULPTURE IN WO
SOOO7 2342.01 SCULPTURE I


## (SPAN) SPANISH



## Second Summer Session Edinburg Campus Graduate Courses

(All comment lines within the schedule precede the specific course and section It affects.)


## Second Summer Session Edinburg Campus Off-Campus Courses

| Mixice mex |  |  |
| :---: | :---: | :---: |
| EDUCATION |  |  |
|  |  |  |
| Second Summer Session Brownsville Campus Undergraduate Courses |  |  |




## (ACC) ACCOUNTING


(BIOL) BIOLOGY

| D0266 E0257 | $\begin{aligned} & 4402,50 \\ & 4402 \text { LAB AB } \end{aligned}$ | Marine zoology MPRINE zoology | ${ }_{\text {MWF }}^{\text {TT }}$ | 9:40 | $\begin{aligned} & =11: 10 \\ & =12: 50 \end{aligned}$ | hockaday hockaday | 4.00 | $\underset{\text { T }{ }_{\text {MARINE }} 209}{ }$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (CRIJ) | CRIMINAL JUSTICE |  |  |  |  |  |  |  |
| G0269 | 3343.50 | penology | M-F | 11:20 | - 17:50 | clearman |  | $T$ $T$ $T$ 205 |
| R0270 | 4401.60 | PRACTICUM-FIELD EXP | M-F | 9:4n | -11:10 | Clearman |  |  |
| (ED | EDUCATION |  |  |  |  |  |  |  |
| R0303 | 3301. 50 | INSTRUC INL TECHNOLOGY | M-F | 11:20 | - 12:50 | Gonz ALEZ |  | T 210 |
| S0304 | 3302.50 | EDUCATIONAL PCYCHOLOGY | M-F | 8: 0 | 9:3n | kOSTOHRYZ |  | T 200 |
| T0305 | 3303.60 | EDUC PAST AND PRESENT | M-F | 9:40 | - 11:10 | garza |  | T 201 |
| v0306 | 3313.60 | Chtldrens literature | M-TH |  | - 5:30 | Stafe |  | T 200 |
| W0307 | 3322.60 | TCHNG BILINGUAL Child | M-F | 8:00 | - 9:3n | RODRIGUFZ |  | T 201 |
| A0308 | 3325.60 | FUNC RDNGESKL ELEM SCH | M-F | 11:20 | - 12:50 | Staff |  | T 200 |
| 80309 | 3327.60 | tchng soctal science | M-F |  | - 11:10 | gontalez |  | T 210 |
| G0313 | 3624.50 | TCH RDNG \& OTHER SKILL | M-F | Q:กn | - 11:10 | Stape |  | T 202 |
| D0310 | 4301.50 | percep and lang dev | M-TH | 1:00 | - 3:10 | Rosenberg |  | T 201 |
| 80311 | 4371. 50 | INP ASSESS SP ED TCHRS | M-F | 11:20 | - 12:50 | STAFP |  | T 202 |
| F0312 | 4374.50 | PSY MENTAL RETARDATION | M-TH | 1:00 | - 3:10 | Staff |  | T 2 no |
| (ED S) EDUCATION--SECONDARY |  |  |  |  |  |  |  |  |
| w0329 | 3301.60 | INSTRUCTIONAL TECH | M-Y | 11:20 | - 12:50 | Gonzalpz |  | $¢_{5} 210$ |
| A0330 | 3303.60 | EDUCATION PAST PPRESENT | M-F | 9:40 | - 11:10 | garza |  | T 201 |
| в0331 | 4353.60 | SEC SCH MET TCH DISA L | M-TH | 1:nก | - 3:10 | Staff |  |  |
| (ENC) | ENGLISH |  |  |  |  |  |  |  |
| 50271 | 4315.50 | mexican amzrican liter | M-TH | 1:กn | 3:10 | garza |  | T 208 |
| T0272 | 4331.50 | PROR GRAM, DIAL \& LNG | M-F | 11:20 | - 12:50 | GRREN |  | 704 |
| (FINA) | FINANCE |  |  |  |  |  |  |  |
| L0332 | 3382. 50 | INVESTMENT PRINCIPLES | MW | 5:4n | 9:50 PM | buettgen |  | 210 |
| 80289 | 3383.60 | MANAGERIAL FINANCE | 1.-TH | 1:00 | - 3:10 | miller |  | T 210 |
| F0290 | 3384.50 | FNDMNTLS OF REAL EST | M-F | 8:00 | - 9:30 | stafe |  | T $10 n$ |
| (GENB) | GENERAL BUSINESS |  |  |  |  |  |  |  |
| G0291 | 3312.50 | adm office procmdures | M-F | 11:20 | - 12:50 | Stap |  | EH 117 |
| R0292 | 3335.50 | ORGANIZATIONAL COMMUN | M ${ }^{\text {W }}$ | 5:40 | - 9:50 PM | STAPF |  | T 2008 |
| Sn293 | 3338.50 | buSiness law it | MW | 5:40 | - 9:50 PM | Stapf |  | T 205 |
| T0294 | 3341.60 | Elfm bus eco stat | TT | 5:40 | - 9:50 PM | STAFF CuELLAR |  |  |
| v0295 | 3342.50 | INTERMED BuS ACON STAT | M-F | 8: 0 n | 9:3n |  |  |  |
| (HIST) | HISTORY |  |  |  |  |  |  |  |
| W0274 | 439.50.50-T0 | PIC: MEXICAN-AMERICAN H TOPICS-HISTORICAL STDY | $\mathrm{IS}_{\text {ISTORY }}^{\text {M }}$ ( | 11:20 | - 12:50 | Stafe |  | T 102 |
| (mana) | MANAGEMENT |  |  |  |  |  |  |  |
| D0299 | 3332. 50 | human relations in mgt | M-F | 11:20 | - 12:50 | Vaughn |  | T 209 |
| w0296 | 3361.6n | PRIN OF MANAGEMENT | M-TH | 3:20 | - 5:30 | MILLER |  | T 210 |
| A0297 | 3362.50 | PPRRSONNEL MANAGEMENT | TT | 5:40 | - 9:50 PM | STAFF |  | T ${ }_{\text {T }} 209$ |
| B0298 | 3363.50 | Pronuction management | M-TH | 5:40 | - 7:50 | Stapf |  | ${ }^{T} 204$ |
| Eก300 | 4361.60 | hUman behavior in orgn | M-F | 9:40 | - 11:10 | PATTON |  | EH 117 |
| (MA.RK) | MARKETING |  |  |  |  |  |  |  |
| 60302 | 3371.60 | Prin of marketing | - F | R:no | 9:30 | Patton |  | EH 117 |
| (MATH) | MATH |  |  |  |  |  |  |  |
| B0275 | 3311.50 | MATH SECONDARY TChRS I | M-TH | 1:00 | $7: 10$ | cuellar |  | T 20 |
| (PE) | PHYSICAL EDUCATION |  |  |  |  |  |  |  |
| R0335 | 3317.50 | METH TCHNG GYM EL SCH | M-TH |  | - 750 $=750$ | ${ }_{\text {STAFF }}$ |  | GYM |
| 50337 | 3319.60 | TCHNG TMBLING ${ }^{\text {¢ }}$ GYM | M-TH $M-T H$ |  | - $7: 50$ | STAFF STAPF |  | ${ }_{\text {GYM }}$ GYM |
| ¢0316 | 3357.50 4352.50 | THE INTRAMURAL PROGRAM | M-TH | 3:20 | - 5:30 | brogion |  | GYM |
| (PSY) | PSYCHOLOGY |  |  |  |  |  |  |  |
| D0277 | 3325.50 | CONTEMP TSSUES-SOC PSY | ${ }_{M-F}^{M-F}$ | 8:00 | - 9:30 | MEGAS |  | T 204 T 208 |
| E0278 | 4313.50 | AENORMAL PSYCHOLOGY | M-F |  | $1-12: 50$ |  |  |  |
| ( SaC ) | SOCIOLOGY Hitumit-A |  |  |  |  |  |  |  |
| R02R1 | 3325.50 | Cont issues in soc psy | M-F | 8: 00 | - 9:30 | MEGAS |  | T 204 |
| (SPAN) | SPANISH |  |  |  |  |  |  |  |
| S02R? | 3310.50 | MASTERPC SP-AM LIT I | M-F | 9:00 | - 9:30 | AFF |  | T 205 |




## Chemist synthesizes new connounds

## By Ella de Staffuriter

Perhaps the most popular
Perhaps the most populari-
ty chemistry has ever has is
completing research for her under Dr. Castrillon when I
thesis. Flores' thesis which in-began working with organic Thomas Dolby's recent hit derivatives from one formula my master's at Texas work on "She Blinded Me With Sci- has proved to be quite suc- wanted to work with this type ence". If's true, chemistry has cessful. Flores has synthesized of organic chemistry". After Just never been one of the 12 new derivatives, which getting her proposal approved more popular subjects to ma- may prove to be of some by her committee, Flores stil
jor in --particularily not for pharmaceutical importance had problems in that there women anyway, says Maria since the parent compound is was no one at A\&l who really
Celia Flores, candidate for a an anti-depressent. Celia Flores, candidate for a an anti-depressent. In in was familiar with her research
master's degree in chemistry, If firt became interested in so Dr. Castrillon became

## Guest column

Reagan's ideas isolated from reality

This unique situation involves the collaboration of hemistry departments. II would usually spend lots of time on the phone with $\mathrm{Dr}_{\mathrm{r}}$ Castrillon trying to get some
help sometimes or just going over my notes after I had run some experiments. It was and go over the information so I decided to return to PAU my last semester to work on my research prior to gradua-
tion." researcher says she had some other problems she had to real
deal with when she began
working on this project.
"Sometimes chemistry gets wo
deal
bad P.R., maybe not real bad uate
but negative connotations tle
associated with it." It is really
too bad people don't stop and
think how synthetic organic
chemistry is everywhere .its y you
in the clothes you wear, the rout
food preservatives and but
medicine." There is more res
benefit we derive from inti realize," Flores said. Aside from the bad condeal with, being the only woman in the chemistry graduate program at
tle tough also.
You have to prove your-
self all the time--its hard on you and a little lonely. It was a
rough period of adjustment but I wanted to be treated with respect and as a peer with no
intimidation from the others. It took awhile but 1 finally established myself with the
other graduate students got other graduate
it," Flores said. it," " Flores said.
Flores plans


Learning What-R-e-s-o-u-r-c-e is the correct way according to Websters, but
others have a different Idea. (Pher others have a different Idea. (Photo by Delcia Lopez)
get a doctorate degree in work in industry and work several interviews with a machemistry although for the with the production of syn- jor chemical company but no
present time she would like to thetic products. She has had real offers have come in yet.

## Library hours extended

's the basis of the best facts
to avalabie) to the floor (where available) to the floor (where

## Sen expanded according to ma Tamez, library clerk. <br> Hours today and tomorrow are $7: 30 \mathrm{p} . \mathrm{m}$ to Midnight For the p.m. to Midnight. For the weekend from 7:30 a.m. to $5 \mathrm{p} . \mathrm{m}$. on Friday,

 a.m. to $5 \mathrm{p} . \mathrm{m}$. on Friday, 9a.m. to $6 \mathrm{a} . \mathrm{m}$. on Saturday



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retirement plan, and loss more.
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You'll be serving close to home, helping people
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other emergencies arise. And, after your initial training, training each year to serve so youll have time for you family, friends, school or job. If you have previous experience as an Army
officer, you can probably join the Army Guard as a officer, you can probably join the Army Guard as an
officer. If not, and you qualify, you can get a commission through an Officer Candidate Course, or a direct appointment based on your unique civilianjob experience
To get the total picture on opportunities for officers in the Army National Guard, contact your local
Army Guard recruiler, or call toll free $800-638.7600^{*}$


## Playoff teams released



Tennis team ends season


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