PURDUE UNIVERSITY
WEST LAFAYETTE, IN 47907-2040

BLANCO-SILVA 22, 1973

ACADEMIC TRANSCRIPT FRANCISCO JAVIER BIRTHDATE AUG.

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TRANSCRIPT OF THE RECORD OF THE ABOVE STUDENT."

UNIVERSITY REGISTRAR

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PURDUE UNIVERSITY Office of the Registrar

West Lafayette, IN 47907-2040 Tel: (765) 494-8581 FAX: (765) 494-0570 610 Purdue Mall

SECURE

KEY TO TRANSCRIPT OF ACADEMIC RECORDS

ACADEMIC CALENDAR

Standard Wandard Standard Wandard Wand Anderson Character system of the semester system of the semester system semester contains approximately 16 weeks of instruction, examinations. Summer sessions vary in number, length and forming the sessions of the sessions of the seminations. campus locations.

ACCREDITATION

Purdue University is accredited by the North Central Association of Colleges and Secondary Schools, and By NGATE. Accreditation covers all courses and programs offered at all compuses of Purdue University. In addition, various schools within the University hold accreditation from their professional accrediting associations.

SECURE CCAMPUS LOCATIONS WEST LAFAVETTE (Central Campus) West Lafayette, IN 97-907 (765),494-8581 ILIPU-FORT WAYNE Goint Campus with 3 Indiana Leinverfffty Fort Wayne ffty 16805 (260),481-6615 NORTH CEMP NORTH CEMP Westville, IN 46391 (219),785-5299

CALUMET Hammond, IN 46323 (219) 989-2239

IUPU-INDIANAPOLIS Joint campus with Indiana University) Indianapolis, IN 46202 (317) 274-1501

EXTENSION (Various locations) Administered through West Lafayette

TECHNOLOGY STATEWIDE Various locations)

ninistered through West Lafayette School of Technology

Prior to September 1953, courses designated by letter rather than number (e.g. 2).

English Al were non-credit. Courses numbered 1 through 99 were primarily for undergraduate credit. Courses numbered 100 through 199 errolled agranced undergraduate and some graduate students. Courses numbered 2004/hrough 299 were for graduate students.

Since September 1953, the following numbering system has been in effect.

Oth Since September 1953, the following numbering system has been in effect.

Oth 050-099 Nondegree courses (e.g., agriculture short courses)

Lower-division courses normally scheduled for freshmen and sophomores

Upper-division courses normally scheduled for juntors and seniors

Dual-level Trunse that may be scheduled by juntors, seniors and prediate students for graduate credits.

Graduate-level Gourses, in certain circumstances, an undegraduate student may take a 600-level course.

Standard Rec 669-009

CREDIT TYPES
Regular Credit - MI Purdue University credit is reported in terms of semester Regular Credit - MI Purdue University credit is reported in terms of semester. Thesis Credit - Although thesis research courses (698 and 699) officially show "U" in the CR column, a measure of the time the student devoted to the thesis research, compared to the time required for a normal course, is included in the course title area.

GRADING SYSTEMS
The following grades and index points are included in the computation scholastic indexes appearing on this transcript:

	Definition
g 1953 Spring 1993 Spring 2002 Present	Scale 4 Gr. Pts.
F 0 0 0	Scale 3 Gr. Pts.
rall 1942 to Spi Summer 1953 t Summer 1993 t Summer 2002 t	Scale 2 Cr. Pbs.
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Definition	Highest Passing Grad		Lowest Passing Grad	Conditional Failure	Fallure	Unremoved Incomp	Failing (cif. Fall 1977	Withdrew Failing
Scale 4 Gr. Pts.	B A 4	C - 2	- 0			1F - 0	ita	1/
Scale 3 Gr. Pts.	A - 4	1	D - 1	E - 0	F - 0	IF - 0	100	WF- 0
Scale 2 Cir. Pts.	A - 6	6 - 9	00	Х	1		Contract of	WF- 2
Scale 1 Cr.	o in	4	25	7	-			

computation of scholastic ndard Register. The following grades indexes:

Regular Grade Option — Incomplete — Incomplete O - Incomplete efficient by Permanent Incomplete M - Withdrew Failing

Pass/Not-Pass Option

P. Passing, equivalent to "C" or higher

N. Not Passing
Pl. Incomplete
O. Incomplete (obsolete eff. Summer 1977)
IN . Unremoved Incomplete - Not Passing
WN . Withdrew Not Passing

Zero-Credit Courses (including thesis credits)
5 - Satisfactory
0 - Unsatisfactory
51 - Incomplete
1U - Unremoved Incomplete - Unsatisfactory
WLJ - Withdrew Unsatisfactory

Other Grades

W - Withdrew
W - Withdrew
C - Visitor, no credit
CR - Transfer Credit
V - Visitor (obsolete eif; Summer 1963)

CRADUATION HONORS

Carduates earning baccabarcate degrees who rank in the top 10% scholastically of the graduates in their school for that year, and who have a minimum of 65 index hours in their graduation index, receive their degrees with the 105 InVCTON. Of these sudents who quality on WITH DISTINCTON, the bog backers who quality on WITH HIGHEST DISTINCTON, irrespective or the schools from which they graduate. Similar regulations apply for the determination of more sort students earning associate or professional degrees.

ISSUING OF TRANSCRIPTS

Questions concerning the issuance or atthemicity of this transcript should be directed to the Office or dethermicity of this transcript should be directed to the Office of the Registragicit Purdue Mall, West Lafayette, IN 47907-2040, (765) 494-6155.

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RELEASE OF INFORMATION

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SCHOLMSTIC INDEXES

SEM Senseter index, based upon all courses in which the student was conclledablat session and for which gade points were earned.

CLIM Containative index. It includes all gades earned while in an undergragulate program prior to August 1961 or while in a garduate program prior to August 1965 or while in a garduate program prior to August 1995.

GRO - Garduation index. For undergraduate students, it includes all gades segmed in courses talken in a prior correct of the current curriculum plus gades earned in 500- and 600-level courses plus gades earned in suffering included in the garduate students, it includes all gades earned in 500- and 600-level courses plus gades earned in undergraduate courses being included in the garduate Plan of Study. Crade entries not being included in the garduation index are indicated with a minus sign (**) between the subject abbreviation and course number.

SCHOLASTIC STANDING

In the absence of any further qualifications of the term a student is considered to be in good standing unless he/she has been displassed, suspended, or scholastically dropped from the University and not readmitted.

SPECIAL CREDIT NOTATIONS

Students may be awarded credit at Purdue University by mgans other than regular enrollment in and completion of a course. Beginning lanuary 1979, this 'directed credit' is noted on the academic record as follows:

BY EXAM - Awarded on the basis of achievement in Purdue departmental proficiency examination.

CER D. - Awarded on the basis of achievement in College Entrance Fermination.

CEE AP - Awarded on the basis of achievement Examination Board Advance Placement tests.

CLEP CR - Awarded on the basis of achievement in the College Level Examination Program.

CR ESTB. - Awarded on the basis of CEEB Math Achievement Test score Purdue Composite score.

DEPT CR. - Awarded on the basis of substantially equivalent experience, successful completion of a more advanced course, etc.
Prior tuckenuary 1979, all BY EXAM (for new students), CEEB AP, CR ESTB and CLEP CR, credit was combined into the single notation CR ESTB.

TRANSFER CREDIT

Course redits accepted in transfer from other institutions are listed under the appropriate headings. For undergraduate students the course numbers and titles reflect Purdue University equivalents, with the exception of Indiana University campuses in Indianapolis and Fort Wayne. With the exception of indiana University redits at the jointly-administered campuses, credits carried in the Technology Statewide program and credits earned in certain study-abroad programs, no grades are transferred and transfer credit hours are not reflected in the cumulative totals.

TO CONFIRM AUTHENTICITY: The front side contains the following security features: Cald-colored background with the words *PURDUE UNIVERSITY* repeated in small type. Hidden *VOLD* that appear in three the front side is photocopied. Paper will turn brown and say *VOLD* in three languages which coposed to most chemicals. Microprint line on bottom of form. Authority state contains the following security features: Artificial watermark that, an only the viewed when held at an angle. Cary Laid Lines which should be \$17 completer alignment. Thermochromic, heat sensitive SECURE turns from change to yellow when rubbed. Red consecutive numbers. A black and white challment is not an original and should not be accepted as an official Purdue University document.

ACADEMIC TRANSCRIPT FRANCISCO JAVIER BLANCO-SILVA

PURDUE UNIVERSITY
WEST LAFAYETTE, IN 47907-2040

SEE PAGE 1

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2006 SUMMER 05/15-08/04 D GR MA 699 RESEARCH PHD THESIS 06 CUM 3.80 60.0 228.0 SEM	P65	W LAFAYETTE	DOCTOR OF PHILOSOPHY FIELD OF STUDY: MATHEMATICS AWARDED FOR STUDY AT WEST LAFAYETTE CAMPUS
2006-2007 1ST SEMESTER D GR MA 699 RESEARCH PHD THESIS 09 CUM 3.80 60.0 228.0 SEM	P65 W	LAFAYETTE	AUGUST 3, 2007 10/01 MASTER PLAN 09/04 LANG FREN 09/04 PHD PLAN 10/04 PRELIM
2006-2007 2ND SEMESTER D GR MA 699 RESEARCH PHD THESIS 06 CUM 3.80 60.0 228.0 SEM	P65 W	LAFAYETTE	* * * * * * * * * END OF RECORD * * * * * * * * *
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KEY TO TRANSCRIPT OF ACADEMIC RECORDS % to Purdue Mall

ACADEMIC CALENDAR C.
The Purdue University calegoda is based on the semester system. A standard semester contains agaroximately 16 weeks of instruction, including final examinations. Summer sessions vary in number, length and format at the varieus campus locations.

ACCREDITATION

Purdue University is accredited by the North Central Association of Colleges and Secondary Schools, and by NCATE. Accreditation covers all courses and programs offered at all campuses of Purdue University. In addition, various schools within the University hold accreditation from their professional accrediting associations.

CAMPUS LOCATIONS

CALLIMET Hammond, IN 46323 (219) 989-2239 WEST LAFAYETTE (Central Campus) West Lafayette, IN 47907 (765) 494-8581

(UPU-FORT WAYNE Goint campus with Indiana University) Fort Wayne, IN 46805 (260) 481-6815

IUPU-INDIANAPOLIS Boint campus with Indiana University) Indianapolis, IN 46202 (317) 274-1501

NORTH CENTRAL Westville, IN 46391 (219) 785-5299

EXTENSION (Various locations) Administered through West Lafayette

FECHNOLOGY STATEWIDE

(Various locations) Administered through West Lafayette School of Technology

School of Technology of ECOURSE NUMBERING SYSTEM 3

Prior to September 1953, causes this greated by letter rather than number (e.g., English A) were non-credit. Courses numbered 1 through 99 were primarily for undergraduate credit. Conges numbered 100 through 199 enrolled advanced undergraduate and some gladuate students. Courses numbered 200 through 299 were for graduate students.

Since September 1953, the following numbering system has been in effect: 301-049 Preculinge and deficiency courses 150-099 Nondegree courses (e.g., nariculture descriptions)

- Upper-division courses
- may be scheduled by juniors, and graduate students for graduate credits
- Graduate-level courses. In certain circumstances, an undergraduate student may take a 600-level course.

CREDIT TYPES

Regular Credit - All Purdue University credit is reported in terms of semester hours, whether earned during a 16-week semester or a summer session. Thesis Credit - Although thesis research course, (638 and 699) officially show Vi in the CR column, a measure of the time the stillegent devoted to the thresis research, compared to the time fine she stillegent devoted to the thresis research, compared to the time required for a mormal course, is included in the course title area.

CRADING SYSTEMS

The following grades and index points are included in the computation of scholastic indexes appearing on this transcript.

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egister.	Definition Highest Passing Grade
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o Spring 19 953 to Spri 993 to Spri 002 to Pres	Scale 3 Cr. Pts. A - 4
all 1942 t ummer 1 ummer 1 ummer 2	Scale 2 Or. Pls. A - 6

	Definition	Highest Passing Grade			Lowest Passing Grade	Conditional Failure	Failure	Unremoved Incomplete -	Failing (ett, Fall 1977) Withdrew Failing
Scale 4	Pts.	+ 4	m	- 2	-	0	0 -	0 -	
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01	12.	9	ın	4	m	07	0	- 5	2
Scale 2	C.	V	8	U	0	li Li	i iii	4	WE
Scale 1	Ö	9	ın	4	m	50	5€	UF	E

included in the computation of scholastic The following grades are not indexes:

Standard Register

Summer 1977) Regular Grade Option
Incomplete obsolete eff. St.
O - Incomplete obsolete eff. St.
X - Permanent Incomplete
WF - Withdrew Falling

*Not-fass Option - Passing, equivalent to *C" or higher - Not Passing in Passing representation of the passing - Incomplete (obsolete eff. Summer 1977) - Incomplete (obsolete eff. Summer 1977) - Linemoved Incomplete - Not Passing - Unternoved Incomplete - Not Passing

Zero-Credit Courses (including thesis credits) of 5 - Satisfactory U - Unsatisfactory SI - Incomplete - Unsatisfactory SI - Unremoved incomplete - Unsatisfactory WU - Writhdrew Unsatisfactory Other Grades W - Writhdrew W

Other Grades
W - Withdrew
NC - Visitor, no credit
CR - Transfer Credit
V - Visitor (obsolete eff. Summer 963)

GRADUATION HONORS
GRADUATION HONORS
Graduates earning Baccalaureate degrees who rank in the top 10% scholastically of the graduates in their school for that year, and who have a minimum of 65 index house in their graduation index, receive their degrees WITH DISTINCTION. Of those students who qualify for WITH DISTINCTION, the top three-tenths of the baccalaureate graduates having the highest graduation indexes are designated as graduation with HIGHEST DISTINCTION, trespective of the schools from which they graduate. Similar regulations apply for the determination of honors for students earning assertions are professional degrees.

ISSERING OF TRANSCRIPTS

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SCHOLASTIC INDEXES
SCHOLASTIC INDEXES
SCHOLASTIC INDEXES
SEM - Semester index, based upon all courses in which the studiet was enrolled that session and for which grade points were carned.
CUM - Cumulative index. It includes all grades earned while in a undergraduate program prior to August 1961 or while in a gradient expegran prior to August 1965 or while in a gradient expegran prior to August 1995.
CRD - Graduation index. For undergraduate students, it includes all grades earned in courses talken in a prior curriculum miles grades earned in courses talken in a prior curriculum miles grades earned in software pageram. For graduate students, it includes all grades earned in 500- and 600-level courses plus grades earned in undergraduate courses being included in the graduation in the graduation in the graduation in the graduation index are indicated with a minus sign (***) between the subject abbreviation index.

SCHOLASTIC STANDING.

In the absence of any further qualifications of the term, a student is considered to be in good standing unless heishe has been dismissed, suspended, or set obtained oppositional properties. SPECIAL CREDIT NOTATIONS

Students may be awarded credit at Purdue University by means other than regular enrollment in and completion of a course. Beginning January 1979, this directed credit is noted on the academic record as follows:

BY EXAMORA Awarded on the basis of achievement in a Purdue departmental proficiency examination.

CEEB AP - Awarded on the basis of achievement in College Entrance Examination Board Advance Placement tests.

in the College Level CLEP CR - Awarded on the basis of achievement Examination Program.

CR ESTB - Awarded on the basis of CEEB Math Achievement Test Purdue Composite score.

DEPT CR - Awarded on the basis of substantially equivalent experiences, successful completion of a more advanced course, etc.

Prior to January 1979, all BY EXAM (for new students), CEEB AP, CREATB and CLEP CR credit was combined into the single notation CR ESTB.

TRANSFER CREDIT

TRANSFER CREDIT

Course credits accepted in transfer from other institutions are listed upder the appropriate headings. For undergraduate students the course numbers and titles reflect Produce University equivalents, with the exception old/fuldana University courses taken at the jointly-administered Purple systems of Indiana University credits at the jointly-administered Compuses, credits carried in the Technology Statewide program and credits earned in certain study-abovad programs, no grades are transferred and transfer credit hours are not reflected in the cumulative totals.

mic, heat sensitive 'SECURE' turns from orange to yellow ssecutive numbers. A black and white document is not an be accepted as an official Purdue University document. TO CONFIRM AUTHENTICITY: The front side contains the following security instrume. Gold-colored background with the words 'PURDUE UNIVERSITY" situres: Cold-colored background with the words *PURDUE UNIVERSITY**
syeated in small type. Hidden "VOIDs" that appear when the front side is interacepted. It am brown and asy "VOIDs" in three languages when spassed to most chargeds. Microprint line on bottom of form. The back side ordains the following seculary leatures. Artificial watermark that can only be riewed when helff at an angle. Cary Laid Lines which should be in complete. ilignment. Therry when rubbed. R priginal and shou

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UNIVERSIDAD COMPLUTENSE DE MADRID

FACULTAD DE CIENCIAS MATEMATICAS ESTUDIOS DE CIENCIAS MATEMATICAS

FACULTAD DE CIENCIAS PATEMATICAS FICACION ACADEMICA
SECCION DE SECRETARIA

PERSONAL

Expediente Académico de

D. FRANCISCO JAVIER BLANCO SILVA

natural de BARCELONA

provincia de BARCELONA

y con D.N.I. 8930144

Asignaturas cursadas en esta UNIVERSIDAD

PRIMER CURSO	
001 ANALISIS MATEMATICO I	J NT
002 GEOMETRIA I	J NT
003 SEMINARIO DE ANALISIS	J NT
004 SEMINARIO DE GEOMETRIA	J AP
SEGUNDO CURSO	
010 ANALISIS MATEMATICO II	J AP
011 GEOMETRIA II	J AP
012 CALCULO DE PROBABILIDADES Y ESTADISTICA I 95/96	J AP
SECCION DE MATEMATICA FUNDAMENTAL	
TERCER CURSO	
020 ANALISIS MATEMATICO III	J AP
021 GEOMETRIA III	
022 TOPOLOGIA I	
023 ALGEBRA I	J MH
OLO MEDEDIM I	• • • • • • • • • • • • • • • • • • • •
CUARTO CURSO	
070 ANALISIS MATEMATICO IV	J AP
071 GEOMETRIA IV	JAP
072 TOPOLOGIA II	JAP
075 TOPOLOGIA ALGEBRAICA	JAP
0/5 TOFOLOGIA ALGEBRATCA	J //
QUINTO CURSO	
124 GEOMETRIA V	J NT
125 TOPOLOGIA DE VARIEDADES	J SB
127 GEOMETRIA ANALITICA	SAP
127 GEOMETRIA ANALITICA	3 AF

El interesado tiene aprobadas todas las asignaturas que constituyen el periodo de LICENCIATURA

.../...

H= R. Portil





UNIVERSIDAD COMPLUTENSE DE MADRID

SECRETARIA DE ALUMNOS

FACULTAD DE CIENCIAS MATEMATICAS ESTUDIOS DE CIENCIAS MATEMATICAS

CERTIFICACION ACADEMICA PERSONAL

Continuación del CERTIFICADO ACADEMICO de : D. FRANCISCO JAVIER BLANCO SILVA con D.N.I. 8930144

Abreviaturas utilizadas:

J=Junio, S=Septi., F=Febrero, MH=M. de Honor, SB=Sobresaliente, NT=Notable,

AP=aprobado, SS=suspenso, AN=Anulada convocatoria, CV=Convalidado, AT=Apto,

NP=No Presentado, NU = Matrícula anulada, CR = Créditos.

Equivalencias numéricas de las calificaciones: Matrícula de Honor = 10, Sobresaliente = 9, Notable = 7'5, Aprobado = 5'5.

D. JAVIER LEACH ALBERT

Secretario de este centro, CERTIFICA la veracidad de los datos consignados. A petición del interesado se expide el presente Certificado, que consta de 2 folio(s), con el Visto Bueno del Ilmo. Sr. Decano,

En Madrid, a catorce de octubre de mil novecientos noventa y siete

V. B. Decano,

Secretario

Jefe de Secretaría

M = R. Astil

JOSE CARRILLO MENENDEZ

JAVIER LEACH ALBERT

M. ROSA PORTILLA CASTELL

