

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

JSC Use Only

UWUCC Use Only

22
89-90

ENGINEERING (See Department of Physics)

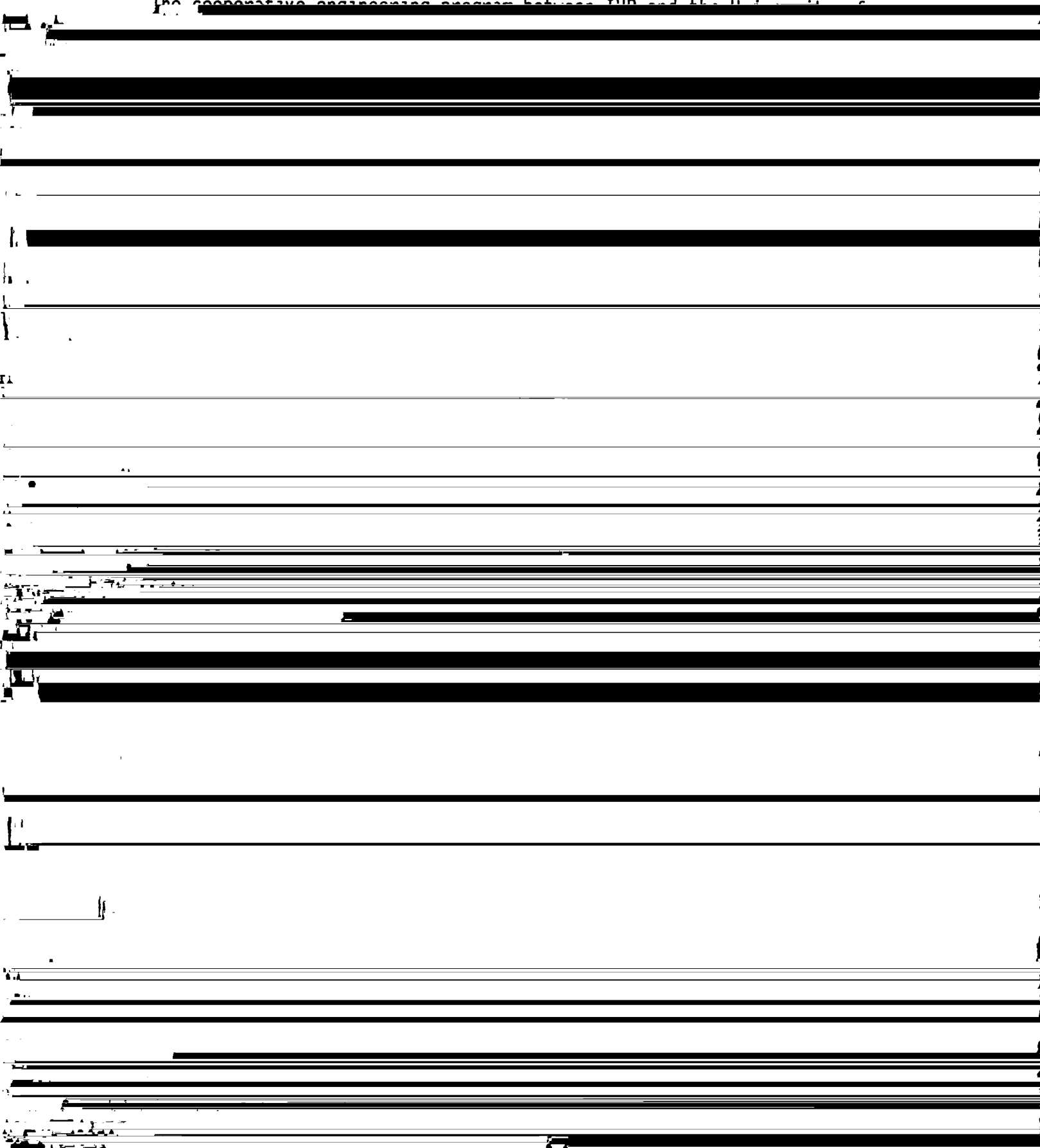
Drexel University - the program combines the opportunity for two years of study at IUP with the remaining three years of study as part of the Drexel plan of cooperative education.

University of Pittsburgh - the program will allow the student to enroll at IUP for the first three years of college and complete degree

August 1989

DESCRIPTION OF CURRICULUM CHANGE

The cooperative engineering program between IUP and the University of



Industrial Engineering -
MA 216 Probability and Statistics for Nat. Sciences 4 sh
Technical Elective 3-4 sh

Materials Science and Engineering -
CH 231 Organic Chemistry I 4 sh
CH 232 Organic Chemistry II 4 sh

Mechanical Engineering -
Technical Electives 6-8 sh

FREE ELECTIVES 9

THREE YEARS AT IUP 95-97

*TWO YEARS AT THE UNIVERSITY OF PITTSBURGH

Part IV, 2.

Rationale/Justification:

The attached proposal for a 3/2 cooperative engineering program between IUP and the University of Pittsburgh is the result of an evolution of ILP's previous 3/2 cooperative program with the

COOPERATIVE ENGINEERING PROGRAM WITH THE UNIVERSITY OF PITTSBURGH
 Course Sequencing:

Freshman Year

Fall Semester

EN 101	College Writing	4 sh
	Fine Arts	3 sh
*MA 123	Calc I for Phys&Chem	4 sh
*PY 131	Physics I-C Lec	3 sh
*PY 141	Physics I-C Lab	1 sh
	Total	15 sh

Spring Semester

	Health & Wellness	1½sh
HI 195	Hist: The Modern Era	3 sh
	+Liberal Studies	3 sh
MA 124	Calc II for Phys&Chem	4 sh
PY 132	Physics II-C Lec	3 sh
PY 142	Physics II-C Lab	1 sh
	Total	15½sh

Sophomore Year

Fall Semester

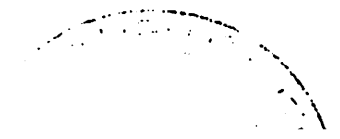
CH 111	General Chem I	4 sh
CO 110	Intro to Comp. Sci.	3 sh
	Foreign Language III	3 sh
	+Liberal Studies	2 sh

Spring Semester

CH 112	General Chem II	4 sh
CO 250	Numerical Methods	3 sh
	Foreign Language IV	3 sh
	+Liberal Studies	2 sh



University of Pittsburgh
SCHOOL OF ENGINEERING



December 16, 1988

Dr. Douglas Ross
College of Natural Sciences and Mathematics

3/2 ENGINEERING PROGRAM BETWEEN
INDIANA UNIVERSITY OF PENNSYLVANIA

AND

UNIVERSITY OF PITTSBURGH

SCHOOL OF ENGINEERING

The statements listed below constitute a general agreement between Indiana University of Pennsylvania (IUP) and the School of Engineering, University of Pittsburgh.

I. Introduction

between IUP and the University of Pittsburgh

and the University of Pittsburgh will be included in literature developed and distributed by IUP and the University of Pittsburgh. Brochures may be developed.

concerning the program will also be distributed through IUP's Office of

V. Course Selection

Courses of the students in the first three years of the 3/2 program between IUP and the University of Pittsburgh will include as a minimum those from the attached list. The School of Engineering of the University of Pittsburgh will advise the 3/2 Program Director at IUP of all curriculum changes in the School of Engineering curricula.

VI. Pre-engineering Committee

Students will be advised in their course selection at IUP by an appropriate faculty member.

VII. Transfer of Credits

Credits will be accepted for transfer to the University of Pittsburgh for all approved courses in which a grade of C or higher has been earned. In order to be considered for transfer to the University of Pittsburgh, students must receive a recommendation from Office of the Dean, College of Natural Sciences and Mathematics during their sophomore year. This letter should be directed to the Director of Freshman Program and Career Development, School of Engineering, University of Pittsburgh. The School of Engineering will conditionally reserve a place for that student. Students must maintain a minimum Quality Point

term and June 14 for fall term). Application materials should be sent to:

Office of Admissions and Financial Aid

Bruce Hall

University of Pittsburgh

Pittsburgh, PA 15260

All application materials should indicate that the student is a 3/2 student. Transfer guidelines are stated in the University of Pittsburgh Bulletin, School of Engineering.

VIII. Acceptance to the University of Pittsburgh

The School of Engineering at the University of Pittsburgh agrees to review for admissions in an expeditious and non-prejudicial manner those students who have been recommended by Office of the Dean, College of Natural Sciences and Mathematics but need not admit more than eight students per year.

IX. Term of Agreement

This Memorandum of Understanding should be reviewed five years from the date of signing. Attachments regarding curriculum requirements should be reviewed as required. Lacking such a review, the agreement will continue until notification of termination by either party. Either party may terminate the

University of Pittsburgh
Proposed 3/2 Program

Curricula

University of Pittsburgh Indiana University of
Penn.

Freshman Year

Math 22: Analytic Geometry and Calculus I (4)	Math 123: Calculus I for Physics and Chemistry (4)
English Literature (3)	English Literature 201 (3)
Chem 96: Chemistry for Engineers I (3)	Chem 111: General Chemistry I (4)
Physics 4: Physics for Science and Engineering I (3)	Phys 131: Physics I-C lecture (3)
Engrng 9: Introduction to Computing (3)	Phys 121/141: Physics I/Physics I-C Lab (1)
Engrng 81: Freshman Seminar (0)	CO 110: Intro. to Computer Sci. (3)
Math 23: Analytic Geometry and Calculus II (4)	CO 250: Intro. to Numerical Methods (3)
	No Equivalent Course
	Math 124: Calculus II for Physics

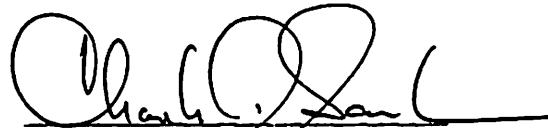
Acting for our respective institutions we accept the foregoing agreement.

Date of Agreement _____



President

IUP University of Pennsylvania



Dean, School of Engineering

University of Pittsburgh

MEMORANDUM

DATE: August 3, 1989

SUBJECT: 3/2 Pre-Engineering Program

TO: Dr. Charles Cashdollar, Director
Liberal Studies

FROM: Richard D. Roberts *Richard D. Roberts*
Physics Department

Enclosed is the three year Pre Engineering program that we

LIBERAL STUDIES

Director's Office: 353 Sutton Hall

Secretary's Office: 223 Sutton Hall

Telephone: 357-5715