Engineering programs in Atlanta

ATLANTA — The dual degree program is a program that joins the resources of two Atlanta educational complexes — one with the world's largest private cluster-college black student enrollment and the other with the third largest undergraduate engineering enrollment in the world.

The four undergraduate colleges — Clark, Morehouse, Spelman and Morris Brown Colleges — offer this unique dual degree program in liberal arts and engineering.

Under the program, students will attend one of the undergraduate schools of the Atlanta University Center for three years and then transfer to Georgia Tech for an additional two years.

Upon successfully completing the program at both institutions, the student will simultaneously receive two degrees — a bachelor of arts or bachelor of science degree awarded by the Atlanta University Center — affiliated college attended and a bachelor's degree in engineering from Georgia Tech.

Over the years there has developed an awareness on the part of the engineering community that a significant fraction of all engineering graduates become engaged in activities that are not necessarily technical in nature.

Such engineering graduates find the need for a broader based education than is typical in most undergraduate engineering curricula.

This need led the Georgia Institute of Technology to establish so-called dual degree (3-2) plans with five colleges starting in 1954.

The dual degree program now established between Georgia Tech and the Atlanta University Center patterned in part from the earlier agreements, but with several significant differences.

These are:

1. The schools in agreement are geographically close to one another. The travel distance from the center of the university institutions and the center of Georgia Tech is about 1.5 miles.

2. Dual degree students at the first, second and third year levels may be jointly enrolled at Georgia Tech as special students taking pre-engineering courses not offered by the center colleges.

3. The Atlanta University Center colleges have student bodies that are predominantly black, while Georgia Tech's student body is predominantly white.

4. This program will be concerned more largely than the others with recruiting black students and may well become the first significant and realistic step taken to place black graduates in the center of America's technologically based society.

5. This program has scholarship money available for successful recruiting among low economic groups as well as having a catalytic effect on more financially able black students who might not have considered engineering as a field before entering an undergraduate institution.

6. There is a further advantage of the dual degree program in that students who might have neither knowledge of nor incentive toward engineering, nor sufficient education in the related mathematics and sciences will have an opportunity to remedy this during the early years of their experiences in the Atlanta University Center colleges.

Training contract aids 170

CINCINNATI — About 170 minority youths and adults, mostly blacks, in the Cincinnati area will have an opportunity to become construction trade apprentices or qualified journeymen under a $243,000 contract with Prep, Inc., the U.S. Labor Department has reported.

Prep, Inc., functioning as the training arm for local construction firms and unions, operates in a seven-county area around Cincinnati to achieve affirmative action goals.

Training programs will be conducted in Hamilton, Clermont and Warren counties in Ohio; Campbell, Kenton and Boone counties in Kentucky; and Dearborn County in Indiana.

It will prepare 50 minority youths for apprenticeship examinations in a variety of construction trades, and 123 informally trained construction workers for acceptance as skilled craftsmen.

Openings for apprenticeships during the next 12 months are expected in such trades as pipefitter, boilermaker, carpenter, plasterer, sheetmetal worker and asbestos worker.

About 500 minority group youths will be recruited during the year as openings occur, to undergo about 10 weeks of intensive classroom work in preparation for apprenticeship examinations.

Journeymen trainees will be paid according to current union agreements. Training periods will be determined by the needs of the applicant.

Student wins scholarship

NEW YORK — Matthew Williams, a 21-year-old student at Manhattan Community College, is the winner of the 1975 scholarship to the Harlem Hospital School of Nursing as presented by the New York Bank For Savings.

Williams, who lives in the Esplanade Gardens housing complex, is a graduate of Julia Richmond High School and entered the Harlem Hospital School of Nursing in September, 1974. He is interested in anesthesia.

He was selected by the Advisory Committee of the 135th Street office of the New York Bank For Savings. The committee, headed by Robert L. Cook, includes Roy Campanella, Dorothy Gordon, Kenneth H. Sherwood and George M. Brooker.

The committee also chooses an annual winner of the Clifford L. Alexander Scholarship Award, a four-year scholarship named after a retired manager of the 135th Street Office. It is presented annually to an outstanding senior of the Harlem community.

PAINE COLLEGE

students meet the challenge of tomorrow
a 4-year co-educational liberal arts college
with a strong sense of history and tradition in the garden city of the South

1235 Fifteenth Street
Augusta, Georgia 30901

Make me a world...

Aluminum takes many shapes in our world today. Wingskins for Jumbo Jets. Efficient, weight-saving auto components. Durable building products that provide snug insulation. Protective packaging that safeguards flavor and nutrients — and that can be recycled at a 95 per cent energy saving. High voltage cables that carry the pulse of electrical distribution across the land. Household wraps that seal in foods during storage, and make cooking more efficient.

These, and many others. The most abundant metal on earth, aluminum has a versatility that can be shaped to meet the demanding needs of a changing world today, and tomorrow.

In an innovative industry, Reynolds has long been known as a leader.

For further information, write: General Employment Manager, Reynolds Metals Company, Richmond, Va. 23261.

REYNOLDS
where new ideas take shape in
ALUMINUM

An equal opportunity employer

Schools offer training in safety, health field

BALTIMORE — The many persons interested in career opportunities in occupational safety and health may get the training they need from a number of Maryland colleges offering courses in the field.

Why such interest in a field which already employs more than 47,000 persons?

Statistics show that annual work accidents account for more than 14,000 deaths, injure more than 2 million persons and cost more than $11 billion.

To aid in this problem, educational institutions in the state have set up various courses designed to give training in the safety and health field.

Catonsville Community College is currently offering a two-year associate degree program in occupational safety and health techniques which gives students the information necessary to participate in full, rewarding careers in the field.

Under the three-credit course entitled "Occupational Safety and Health I," students are given an introduction to safety and health and are told the history and development of effective safety programs in industry. The course involves the basic elements of safety programs and their relationship to safety management and accident prevention techniques.

"Safety and Health Standards," another three credit course offered by Catonsville Community, introduces students to applicable national, state and local safety and health standards and codes used as a basis for evaluating a safe physical environment.

A third course, also three credits, is called "introduction to Industrial Hygiene." The course gives the fundamentals of industrial hygiene and specializes in problems concerning industrial health, hygiene and sanitation and the recognition and control of hazards.

The courses are offered at Catonsville Community as part of the associate in arts degree program or a shorter certificate program in occupational safety and health technology.

The certificate program is for those who are already in the field but who seek additional training in specific areas.

At the University of Maryland at both its Baltimore and College Park campuses, students may take two-credit courses in safety and health. Next year the school is planning an expansion of its program initially for a minor degree in occupational safety and health.

Chesapeake College in Wye Mills, Md., also offering a course in the field, will begin a full two-year curriculum in fall, 1976.

Johns Hopkins University has plans to initiate a master's degree program in the field to begin perhaps next year or the year later.

At the University of Baltimore, a senior course has been approved and a bachelor of science degree in safety management is to be provided by the school.

You Can Make It At Westinghouse

Our multi-division operation in the Baltimore area produces sophisticated electronic systems. We offer college graduates rewarding career opportunities on the technical areas of design, development, manufacturing, reliability, field engineering and technical writing. A variety of environmental areas may be pursued — from underwater packs in the ocean depths — to space flight equipment or military application. We are also interested in considering applicants for such non-technical areas as purchasing, accounting, contracts and general administration.

Candidates should send resume to: R. A. Richardson, Dept. 157, Professional Employment, Westinghouse, P.O. Box 1693, Baltimore, MD 21203

Westinghouse
BALTIMORE DIVISION

Bowie State College

This fully accredited integrated, four-year liberal arts college offers unique opportunities for learning both in conventional academic disciplines and stimulating non-traditional programs.

UNDERGRADUATE PROGRAMS

Four divisions of Arts and Sciences — humanities, social sciences, mathematics and science, education and physical education — provide majors leading to Bachelor of Arts and Bachelor of Science degrees in: Anthropology and sociology/art/biology/business administration with concentrations in accounting, marketing and management/elementary and early childhood education/English/French/health and physical education/history/international studies/mathematics/music/political science/psychology/social work/Spanish/speech and theatre.

GRADUATE PROGRAMS

The Graduate Division grants Master's degrees in such areas as: Counseling/early childhood education/elementary administrative supervision/elementary education/reading/secondary administrative supervision/secondary education/special education.

EVENINGS AND SUMMER

Complete evening and summer programs lead to both undergraduate and graduate degrees.

SPECIAL SERVICES

A Cooperative Education program and an Opportunity Unlimited program offer assistance to students who need individual attention.
Counseling, financial aid, career planning and placement services are available to all students.
A Center for Educational Technology provides expanded opportunities for students of varying interests and talents to proceed at their own pace.
Innovative teaching methods in the areas of English, mathematics, science and social sciences are available to freshmen.

A GROWING CAMPUS

Located on a picturesque 287-acre campus in Prince George's County at Bowie, Maryland, the College features a new communication arts center and a new physical education facility that have nearly doubled existing floor space for classrooms, laboratories and other facilities.

For more information, write or call:
Director of Admissions
Bowie State College
Bowie, Maryland 20715
(301) 262-3350 ext. 211 or 212