

College Responds to 'Accountability' Challenge With A New Approach To Teaching

The cry for "accountability" is resounding throughout the academic world. And Kittrell (N.C.) College is answering that cry with the "systems approach" to instruction.

Accountability requires the measurement and evaluation of teaching effectiveness, and the systems approach enables

faculty members to revise their instruction until most students master the material.

Kittrell, an independent, predominantly black two-year college with 380 students, converted its entire curriculum to the systems approach in the fall of 1968 by vote of the students, faculty, and board of trustees.

"Under the systems approach, responsibility for causing learning is placed squarely on the shoulders of the teacher," asserts Larnie G. Horton, president of Kittrell.

To meet this responsibility, all faculty members at the college are required to organize their courses into systematic, self-instructional units. Each unit has clearly stated behavioral objectives that tell the student what he is expected to learn.

Faculty members are shown how to develop these instructional units at a series of two and one-half day workshops conducted by the National Laboratory for Higher Education (NLHE) in Durham, N.C. In addition, NLHE conducts development officers, specialists in instruction and evaluation who aid faculty members in revising their instructional units.

All courses at Kittrell, if not yet completely self-instructional, now have some self-instructional units.

The NLHE systems approach is based on Dr. Benjamin S. Bloom's concept of "learning for mastery." Bloom, a noted educator at the University of Chicago, contends that 95 percent of the students at any college, given sufficient time and appropriate types of help, can master any subject.

"The time spent on learning is the key to mastery," Bloom asserts. "Not only must the student himself devote sufficient time to mastering the task, but he must be allowed sufficient time for learning to take place."

The instructional units break course work into a series of small, carefully sequenced steps. Students can progress at their own rate, free from the lockstep pace of the lecture method.

The units employ a variety of learning styles—tapes, film strips, transparencies, field trips, small discussion groups, etc., giving students some choice over how they learn.

The units are evaluated by a committee which includes the academic dean, educational development officer, and research and development officer. This committee also considers student reactions to the units, which come in the form of evaluation pages filled out by the students, statistics that indicate where students are having repeated difficulties, and informal talks with students.

Kittrell defines teaching as "causing learning." Learning, in turn, is defined as a change in behavior—learning which enables students to behave in ways that were not possible before teaching took place. Consequently, if no measurable evidence of learning can be shown, it can be inferred that no teaching occurred.

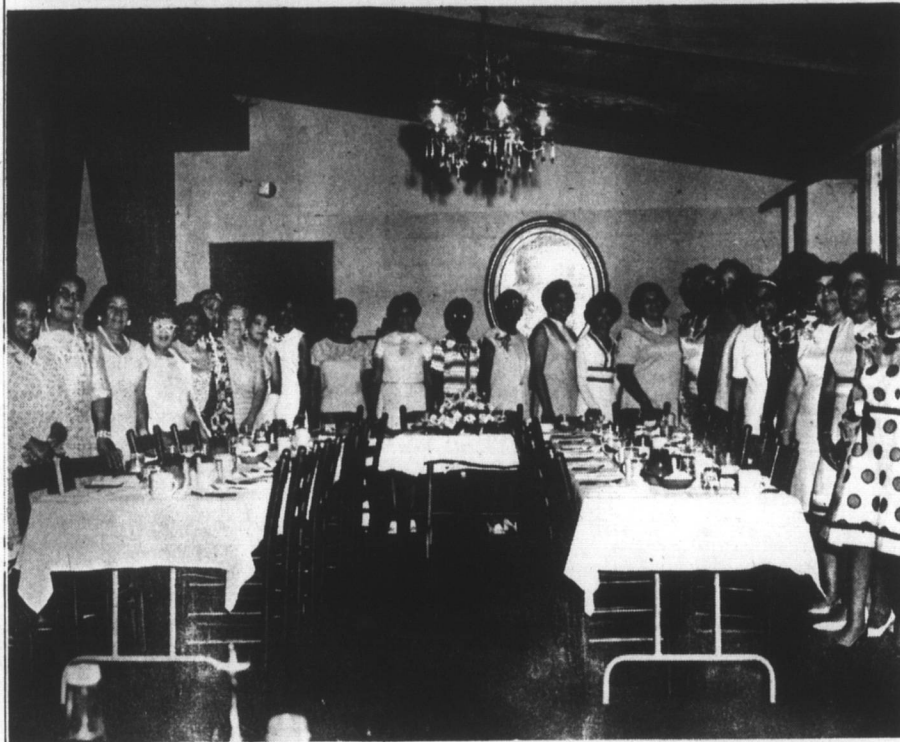
The behavioral objectives included in the instructional units are measurable, and provide teachers a clear yardstick by which to judge whether or not learning took place. For example, one objective might be: "Given paragraphs which are argumentative, the student will be able to identify those that are without fallacy, and those that are fallacious. In addition, he will identify the faulty logic in the fallacious arguments."

Another aspect of traditional education which has been changed at Kittrell is the punitive grading system, which usually penalizes students for failing to learn in a prescribed period of time.

At Kittrell, the grades of "D" and "F" have been eliminated. Instead, the grade report shows the student receives no credit, but is progressing (NCP), or simply receives no credit (NC). The student is then allowed additional time, without penalty, to master the material.

"We believe that the student's motivation can be enhanced by eliminating failures and incompletes from his record, and that positive reinforcement and successful learning experiences are causative factors which increase student learning," said President Horton.

"Kittrell wants to make learning exciting; we want to make being in a classroom an exciting experience," said Norman C. Camp, III, dean of academic affairs. The college has employed a media specialist to help faculty members



RHO CHAPTER CELEBRATES FOUNDER'S DAY—The Forty-second Anniversary of Iota Phi Lambda Sorority was celebrated by the local chapter on Saturday, June 5, at the Ranch House, Chapel Hill. The Founder's Day Message, read by Soror Phyllis Fellers, stressed the importance of Togetherness.

The highlight of the occasion was "A Salute" to Presidents, past and present. Top photo shows past Presidents V. G. Turner, Ella W. Harris, Ruth Y. Bolden, Louise T. McCrea, Lucille Williams, Otelia S. Stewart, Audrey M. Agerton and the present President, Helen R. Jones.

4 N. C. Schools Over Pay Average

WASHINGTON — An organization of college professors says only four universities and colleges in North Carolina pay more than the national average to their faculty members.

The four are Duke University, Davidson College, Wake Forest University and the University of North Carolina at Greensboro, says the June report of the American Association of University Professors.

The report said all other institutions of higher learning in North Carolina have total compensation — meaning

salaries and fringe benefits — below the national average. Fringe benefits include such attractions as insurance and retirement savings.

Duke, said the report, compensates full professors at the average rate of \$23,900 annually; associate professors at \$16,500; assistant professors at \$13,300, and instructors at \$10,800.

The association said Davidson's average total compensation is worth \$19,900 for professors; \$15,500 for associates; \$13,200 for assistants, and \$10,500 for instructors.

THIS WEEK-END On Television Thursday Highlights

4:30 — MOVIE — "Return to Warbow" — Philip Carey, Andrew Duggan and Cathrine McLeod star in this western about three men who break jail. WTVD

4:30 p.m. — TWILIGHT ZONE — "A Passage for Trumpet" — What happens when a man gets so low he steps into the path of a speeding truck? Jack Klugman and Frank Wolff star in this journey to the Twilight Zone. WRAL

5:30 p.m. — MOVIE — "Hotel Reserve" — James Mason and Patricia Medina star in this drama about a Nazi spy — who is the only person who knows he is a Nazi spy. WRDU

7:30 p.m. — ACTION PLAYHOUSE — "Massacre at Fort Phil Kearny" — Officers of a group of massacred soldiers are tried for their actions in this western-drama starring Richard Egan, Carroll O'Connor and Robert Fuller. WTVD

7:30 p.m. — TOM JONES — "Stiff Dreams Are Made Of" — A Tom Jones special featuring guests Tom Paxton, Lulu and Nicol Williamson. WRAL

9 p.m. — MOVIE — "Brainstorm" — A psychotic mental patient and a neurotic woman make for some interesting experiences when they get on the right terms. Jeffrey Hunter stars in this

1965 drama, with Dana Andrews, Anne Francis and Robert McQueeney. WRDU

9 p.m. — MOVIE — "The Spiral Road" — Rock Hudson, Burl Ives and Gene Rowlands star in this adventure drama set in the jungles of the Island of Java. A doctor is faced with the disintegration of his belief in God and the pangs of a guilty conscience. WFMY

10 p.m. — THE TOY THAT GREW UP — "Judith of Bethulia" — Two early films of D. W. Griffith are presented tonight: a two-reeler, "The Lonedale Operator," and his first feature-length production, "Judith of Bethulia." WUNC

10:30 p.m. — THIS IS YOUR LIFE — Johnny Cash is the guest of honor on tonight's show, with host Ralph Edwards. WRAL

11 p.m. — MOVIE — "The Falcon in San Francisco" — Tom Conway stars as the Falcon in this mystery-detective drama about a child and his murdered nurse. Faye Helm, Sharyn Moffett and Edward Brophy also star in the 1945 film. WRDU

11:20 p.m. — MOVIE — "Revenge of Black Eagle" — An aristocrat rides as a bandit in this Italian film about a Russian Zorro in the Spanish tradition. Rossano Brazzi and Gianna Maria Canale star. WRAL

Friday Highlights

Noon — BOOK BEAT — "Brendan" by Ulick O'Connor is today's book. The life of the noted Irish playwright, poet and sometimes revolutionary Ulick O'Connor is revealed by his contemporary Ulick O'Connor. The sensitive artist behind the boisterous, brawling public figure emerges in this colorfully drawn and entertaining biography of a gifted but tragic man. WUNC

4:30 p.m. — MOVIE — "A Degree of Murder" — Where do the guilt and responsibility lie in a case of accidental death? Anita Pallenberg and Werner Enke star in this German drama. WTVD

5:30 p.m. — MOVIE — "The Narrow Margin" — Charles McGraw and Jacqueline White star in this suspense film about a woman who decides to testify against the dealings of her gangster husband and his friends. WRDU

8 p.m. — NANNY AND THE PROFESSOR — Cesar Romero is guest star on tonight's program. WRAL

8:30 p.m. — PARTRIDGE FAMILY — The Partridges go to jail — and deserve it. WRAL

8:30 p.m. — NET PLAYHOUSE BIOGRAPHY — "Richard Wagner" — Filmed on location at the great German poet-composer's villa on Lake Lucerne in Switzerland, and in Germany at Lake Starnberg, this last program in the

Biography series dramatizes Richard Wagner's scandalous love affair of the 1860s with the wife of his best friend, conductor Hans von Bülow. WUNC

9 p.m. — MOVIE — "The Battle of the Villa Fiorita" — Maureen O'Hara, Richard Todd, Rossano Brazzi and Olivia Hussey star in this drama about an American ambassador's wife and her Italian lover. WTVD, WFMY

10 p.m. — LOVE, AMERICAN STYLE — Guests on tonight's segments include Barry Gordon, Melodie Johnson, George Tobias, Naomi Stevens, George Gobel and Sue Lyon. WRAL

11:20 p.m. — MOVIE — "Seven Thieves" — Edward G. Robinson and Rod Steiger star in this 1936 film about the most fabulous robbery that ever rocked Monte Carlo — planned exactly like a scientific experiment. WRAL

11:30 p.m. — MOVIE DOUBLE FEATURE — "Song Without End" is the story of composer Franz Liszt. Dirk Bogarde, Capucine and Lou Jacobi star in the drama set in 1834, with music by pianist Jorge Bolet and the Roger Wagner Chorale; "Last of the Comanches" stars Mickey Shaughnessy, Johnny Stewart, Lloyd Bridges and Broderick Crawford in a 1953 western about stagecoaches and hostile Indians. WFMY

Saturday Highlights

6:30 a.m. — SUMMER SEMESTER — An aspect of man's relation to the world around him and the world of science is examined on this program. WTVD

7:30 a.m. — DR. DOOLITTLE — A man who talks to animals is the hero of this children's adventure cartoon. WTVD

8 a.m. — CARTOONS — An hour of fun and animation is presented by two of the cartoon greats — Bugs Bunny, the carrot-muncher, and the Roadrunner, who always gets the best of the coyote. WTVD

8:30 a.m. — CARTOONS — Heckle and Jeckle, the talking magpies, are featured in their never-ending battle to give everybody a hard time. WRDU

9 a.m. — CARTOONS — Mr. Lobo's favorite creation — Woody Woodpecker — pecks away. WRDU

1 p.m. — FLEET — Forrest Tucker and Bob Steele are two of the stars of this western-comedy show about the misadventures of a cavalry post after the Civil War. WRDU

2 p.m. — BASEBALL — A Major League game is presented at this time. A half hour before game time Don Shea hosts a sports talk show. WTVD

3 p.m. — MOVIE — "Tender Comrade" — The time is World War II and all the men are going off to fight in Europe and the Pacific. This

is the story of some of the women who are left behind when their husbands go to war. Ginger Rogers, Ruth Hussey and Robert Ryan star. WRDU

4:30 p.m. — MOVIE — "Charlie Chan in Honolulu" — Sidney Toler stars as Charlie Chan in this mystery-detective drama. WRDU

6:30 p.m. — NEWS — Roger Mudd hosts this edition of the CBS Saturday News. WTVD

8:30 p.m. — MOVIE — "Hellfighters" — After many years an oil well fire fighter is reunited with his daughter, and he finds that she is in love with the very kind of man he would have her leave alone — another firefighter. When the man's estranged wife appears, the two women and their men discover that love can overcome fear. John Wayne, Katherine Ross, Jim Hutton and Vera Miles star. WTVD

8:30 p.m. — TO ROME WITH LOVE — John Forsythe stars in this situation comedy about an American family living in the capital city of the Latins — Rome. WRDU

11 p.m. — MOVIE — Tonight's horror feature on The Web is "World Without End" starring Hugh Marlowe, who was "a Communist for the FBI." WRDU

Farm Subsidies on Decline

WASHINGTON — The Agriculture Department indicated Monday that federal subsidies for cotton, wheat and feed grain farmers will be smaller this year. It estimated total payments at about \$2.7 billion this year, down \$600 million from 1970. Under a new law that took effect this year, payments are limited to a maximum of \$55,000 per crop or a total of \$165,000 for farmers qualifying under all three categories.

But the Washington Post reported Monday that Sen. James O. Eastland, D-Miss., and actor John Wayne were among many growers who have softened the effects of the legislation by breaking up their holdings, leasing them to other farmers, and then collecting the payments.

Eastland, a member of the

improve and enrich their units and the college is designing what it calls "mini-learning" laboratories. (To Be Continued Next Week)

Senate Agriculture Committee, subdivided his 5,200 acre Mississippi cotton plantation into eight new businesses to gain benefits of \$160,000 — a slight decline from last year, the Post said.

Wayne and some business partners will receive \$218,000 in cotton payments to three Arizona ranches, the "Red River," the "Rio Bravo" and the "El Dorado," the Post said. The group got \$810,000 in cotton subsidies last year. The J. G. Boswell Co. of California, whose \$4.4 million in 1970 topped the list of giant farms getting subsidies, also has rented out its cotton holdings to 50 investors who could receive \$2,750,000 this year, the newspaper said.

million annually. On June 23, the House voted to further cut the limit to 20,000 and sent the legislation to the Senate. Farm lobbyists are working to persuade the Senate to reject the move and then to kill the proposal in a joint conference committee.

In its report, the Agriculture Department said checks for more than \$1.1 billion of this year's payments had been processed for delivery to farmers as of last weekend. That was about 60% million behind last year's pace.

Legal Action

The split-ups are legal since the law does not ban such action.

The 1970 law imposing a ceiling on payments this year was passed after a long period of unlimited payments during which several big farms were able to collect more than \$1

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