INFORMATION SCIENCE TRAINING PROGRAM

CHRONOLOGY

June 1965 -- Recommendation for information science training by the President's Foreign Intelligence Advisory Board (PFIAB)

February 1967 -- Completion of a USIB study on systems training for intelligence personnel in response to the PFIAB recommendation

March 1967 -- Request to the Secretary of Defense by the Director of Central Intelligence for the development of specialized information science courses for the Intelligence Community

December 1967 -- Establishment of the Information Science Center at the Defense Intelligence School

March 1972 -- Closing of the Information Science Center by the DIA.

May 1972 -- Assumption by CIA/OTR of responsibility for operation of an Information Science Training Program in FY 1973 pending determination of longer range requirements

- 1 -

MORI/CDF

INFORMATION SCIENCE TRAINING PROGRAM

CONCEPTS

__INTELLIGENCE:__ The Intelligence Organization collects, researches, files, sorts, retrieves, compares, computes, interprets, analyzes, evaluates, collates, correlates, up-dates, revises, communicates, and disseminates information (Intelligence). Each task involves some form of __Information Handling__. Best methods should be used.

__INFORMATION SCIENCE:__ That body of knowledge and method-ology concerned with systematic and scientific solutions to Information Handling problems employing the approaches of Systems Analysis, Operations Research, and Computer Analysis, and such specific techniques as Queueing, Network Analysis, Simulation, Linear Programming, Correlation and Regression Analysis, Statistical Methods, etc.

__MANAGEMENT SCIENCE:__ The application of Information Science approaches and methods to the management functions of planning, organizing, controlling, and decision making.

- 2 -

INFORMATION SCIENCE TRAINING PROGRAM

PURPOSE

The purpose of the Information Science Training Program
is to promote the use of modern information handling systems
and methodology for intelligence purposes by means of practical
applied training courses for non-systems specialist (user)
personnel.

- 3 -

INFORMATION SCIENCE TRAINING PROGRAM

FY 1973 ASSETS

- Two highly qualified instructors on detail from OCS

- One instructor detailed from NSA

- Guest Speaker assistance from CIA, DIA, and NSA

- Two secretarial/clerical positions

- Dedicated office space
  Secure classroom space on scheduled basis at DIS

- Lesson plans from ISC files

- Access on scheduled basis to DIA on-line computer
  terminals and DIA Data Bank

- Adequate funding for FY 1973

- Full OTR Administrative Support

- 4 -

INFORMATION SCIENCE TRAINING PROGRAM

FY 1973 SCHEDULE

A. Course Offerings

  - Application of Information Science to
       Intelligence Functions (four weeks)

         11 September - 6 October 1972
          5 March - 30 March 1973

  - Management Science for Intelligence (one week)

         13 November - 17 November 1972
         23. Spril - 27 April 1973

  - Survey of Intelligence Information Systems
       (three weeks)

         15 January - 2 February 1973
         21 May - 8 June 1973

B. Blocs of Information Science Subjects in OTR Courses

  - Midcareer Course X 3 (three to five days)

  - Senior Seminar X 2 (three to five days)

  - Intelligence Production Course X 2 (one week)

  - Intelligence and World Affairs Course X 5 (one day)

                    TOTAL = 25 weeks of instruction
                            for estimated 600 students
                            (500 students from CIA)

- 5 -

ADMINISTRATIVE – INTERNAL USE ONLY

INFORMATION SCIENCE TRAINING PROGRAM

CHARACTERISTICS

- To be presented in intelligence contexts, unique in this regard.

- Content designed for non-systems specialists (USERS)

- Practical, "Hands-on", teaching methods to be employed.

- Courses short as possible consistent with objectives.

ADMINISTRATIVE – INTERNAL USE ONLY

INFORMATION SCIENCE TRAINING PROGRAM

PROBLEMS FOR FY 1974

- <u>REQUIREMENTS</u> --

- <u>SPACE</u> --

- <u>FUNDING</u> --

- <u>STAFFING</u> --

- <u>COMMUNICATIONS</u> --

- 7 -

SPECIAL BULLETIN

O F F I C E   O F   T R A I N I N G

No. 14-72   11 July 1972

To: All Training Officers of the Agency

INFORMATION SCIENCE TRAINING PROGRAM

The executive responsibility for the USIB sponsored Information Science Program, formerly under the Defense Intelligence Agency, has been assumed by the Central Intelligence Agency. Extensive efforts are underway to present short one-to-four week courses in information science during FY 1973 for the Agency and the Intelligence Community. Under the Office of Training the new program will present three courses given at [   ] for representatives from CIA and other members of the Intelligence Community. It will also present one-to-three day segments within selected internal Agency courses.

The first course to be offered is "Application of Information STAT Science to Intelligence Functions." This course is designed to introduce to career intelligence professionals the basic elements of the interdisciplinary field of Information Science. The course material is readily understood by those with no technical or scientific education or training. A professional level (GS-9-14) assignment in intelligence is the only prerequisite.

Each student is taught to use and "converse" with a computer terminal, as a basic tool in his work. He is given a fundamental knowledge of computer systems, systems analysis and design, operations research, probability theory, statistics, information storage and retrieval systems, modeling, gaming and simulation--the basic concepts of the technology of information science. Time will be devoted to exercises and case studies in which the student gains experience in applying to an actual, logically synthesized, intelligence problem such techniques as linear programming, queuing, network analysis, correlation and regression, etc. In the last week of the course, the analyst will participate in intelligence problem exercises in which he will employ the techniques and procedures learned.

Objectives: Particular attention has been given, in the design of this course, to meeting firm objectives of significant value to the student. These objectives are:

a. To familiarize the student with the terminology and basic techniques of information science.

(Over, please)

ADMINISTRATIVE - INTERNAL USE ONLY

  b. To develop the student's capability to identify and define problems in his professional intelligence field by using information science techniques and to solve such problems at the elementary level.

  c. To improve the student's communications capabilities in conferring with information science professionals on more difficult problems and requirements.

  d. To encourage the student to pursue the development of his own, and his component's, information science resources and capabilities.

  e. To provide a wider range of rational choices to the professional in the analysis, problem solving and decision making tasks of his functional area of responsibility through his introduction to the basic tools and language of information science.

DATES   11 September - 6 October 1972
        0900 - 1600 4 weeks full-time

STAT

REGISTRATION   Form 73, "Request for Internal Training," should be submitted to OTR/ISS/AIR, Room 1036, Chamber of Commerce Building, by 25 August 1972, through the Training Officer. For information on registration call OTR/ISS/AIR,

STAT
STAT

ADMINISTRATIVE - INTERNAL USE ONLY