INSTRUCTIONAL TECHNOLOGY (ISTC)

ISTC 201 INFO EFFECTV EDUC (3)
An introduction to gathering, evaluating and communicating information. Emphasis will be on using team collaboration and problem solving to examine current issues in education. GenEd I.B.

ISTC 202 HONORS USING INFORMATION EFFECTIVELY IN EDUCATION (3)
An introduction to gathering, evaluating and communicating information. Emphasis will be on using team collaboration and problem solving to examine current issues in education. GenEd I.B.

ISTC 301 INTEGRATING INSTRUCTIONAL TECHNOLOGY (3)
Materials, devices, techniques, and settings are presented in an overview of the field of instructional technology. Laboratory experiences are provided in the operation of instructional hardware. Prerequisite: junior/senior standing or departmental approval. Lab/Class fee will be assessed.

ISTC 397 STUDENT TEACHING TH MEDIA CENTER IN THE ELEMENTARY SCHOOL (6)
Supervised media center practice in an elementary or middle school. Graded S/U. Prerequisites: ISTC 475, admission by consent of department coordinator, approval of director of Center for Applied Skills in Education (CASE) and completion of Basic Skills Test; 2.75 QPA. Application must be made to ISTC coordinator by mid-semester prior to semester of enrolling.

ISTC 398 STUDENT TEACHING THE MEDIA CENTER IN SECONDARY SCHOOL (6)
Supervised media center practice in a secondary school. Graded S/U. Prerequisites: ISTC 477, admission by consent of department coordinator, approval of director of Center for Applied Skills in Education (CASE) and completion of Basic Skills Test; 2.75 QPA. Application must be made to ISTC coordinator by mid-semester prior to semester of enrolling.

ISTC 441 FOUNDATIONS OF INSTRUCTIONAL TECHNOLOGY (3)
Exploratory course concerned with the rationale for and use of computers in learning and related administrative matters. Techniques are examined for the organization, storage, processing, and retrieval of data. Applications include the computer for instruction, the management of instruction, simulation, generation of graphics, and accounting for software and hardware. (This course will not prepare students for occupations in computer science). Prerequisite: junior/senior standing.

ISTC 453 INTRODUCTION TO INSTRUCTIONAL PHOTOGRAPHY (3)
Basic planning and darkroom methods for preparing photographic materials. Although the thrust of the course is the black and white mode, color slides and other special topics are treated. Principles of visual literacy are stressed. Students are required to demonstrate competencies in darkroom utilization and print critiquing as well as print production. Prerequisite: consent of department chair.

ISTC 471 REF INFO SOURCES (3)
The bibliographic method, fundamental reference sources, and searching techniques for print and non-print materials are examined. Students are required to demonstrate competencies in the use of reference sources. Prerequisite: junior/senior standing.

ISTC 473 CATAL CLAS MEDIA (3)
Cataloging, subject analysis, classification and bibliographic control. The use of commercial processing services and central processing in the school system. The concept of a unified catalog and materials center for print and non-print materials is stressed. Prerequisite: junior/senior standing.

ISTC 495 INDEPENDENT STUDY IN INSTRUCTIONAL TECHNOLOGY (1-3)
Individual and supervised study of research problems and special projects in specific areas of instructional technology. Prerequisites: junior/senior standing and special permit.

ISTC 497 INTERNSHIP IN LIBRARY SERVICES (6)
The student works in a library media setting under faculty and professional supervision. Prerequisites: major, senior standing, consent of program coordinator and completion of Basic Skills Test. Application must be made to ISTC coordinator by mid-term prior to the term of enrolling.