WISE ›››

WICAT INTERACTIVE SYSTEM FOR EDUCATION

Trainers and educators worldwide have long recognized the vast potential of computer-aided instruction (CAI). Until now, though, the expense of programming, testing, and debugging courseware has discouraged many from implementing CAI to improve their teaching.

The WICAT Interactive System for Education (WISE) cuts the cost of CAI by enabling nonprogrammers to create sophisticated courseware. The WISE author can compose text, design graphics displays, outline progress through courseware, and define criteria for evaluation... all without computer coding. Commands written in ordinary language produce instant results on the screen.

WISE runs on WICAT's entire line of powerful, economical 68000 microcomputers and can be addressed through a variety of text and graphics terminals.

TEXT AND GRAPHICS FEATURES

The author simply types textual frames at the keyboard. Elaborate graphics displays that normally require hours of programming are initiated with simple, two-letter commands.
- Multiple character fonts and type sizes
- Variabe intercharacter spacing and rotation
- Color graphics
- Circles, squares, rectangles, ellipses, spline curves, arcs, and any combination of these
- Graphics objects patterned, filled, moved, copied, rotated, scaled, and animated along x- or y-axis
- Objects stored for fast recall

INSTRUCTIONAL DESIGN FEATURES

WISE guides the author in creating each frame by presenting a menu of options and requesting the information required. The author may choose a standard format or specify details for each frame.
- Definable menu frames, presentation frames, and routines for complex banching and simulations
- Linear and/or branched progress through courseware
- Stringent or flexible time limits for uniform or individual pacing
- Programmable function keys for custom applications
- Variable answer formats: screen location (cursor or touch panel), multiple choice, free response
- Specified routines for judging free response: synonym dictionaries, ignorable words, key words, spelling tolerance algorithms, and numeric ranges
- Prescriptive criteria for weighting and scoring student's responses

SUPPORT FEATURES

Advanced software capabilities suit WISE to most any application.
- High-resolution graphics
- Digitized audio
- Videodisc interface
- Multiuser capacity
- Access to external programs

WISE makes computer-assisted instruction easy. Advanced 68000 microcomputers make it affordable. WICAT Systems offers both with full maintenance and training support.