     The purpose of this research study was to investigate appropriate
features concerning hardware requirements and those related to the
courseware development of computer-assisted instruction authoring system
for secondary school teachers in Bangkok Metropolis. Samples consisted of
120 secondary school teachers in Bangkok Metropolis. They all received a
one day training workshop pertaining to computer-assisted instruction
authoring system packages. The questionares were used as research
instruments. Data were analyzed by frequency by count and percentage.

     The findings revealed that the appropriate features of computer-
assisted instruction authoring system for secondary school teachers are
as follows :
     1.  Hardware requirements of an appropriate authoring system were
80386 processors running under windows environment, 4 MB RAM, high density
disk drive, VGA color monitor with a mouse.
     2.  Two sets of program levels are suggested for users to use to
meet their needs.
     3.  Two features of an authoring system applications were needed.
The first feature was operating the system by using menus and toolbox
appearing on the monitor without writing any command and the second was
operating the system by using menus and toolbox including writing some
simple commands for more complicated courseware design.
     4.  For courseware development, samples needed the features such
as color, font of characters and drawing tools should be adequately
provided. Moreover they needed graphic library being available in an
appropriate authoring system.