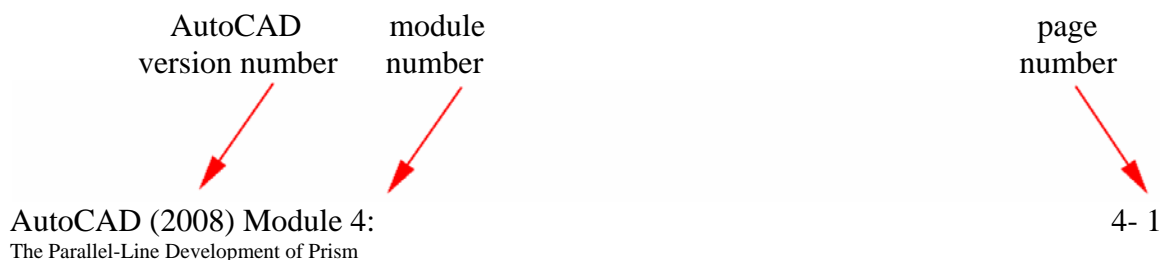# Engineering Descriptive Geometry

with Autodesk AutoCAD

A Collection of Step-by-Step Learning Modules for Mechanical Engineering Students

By Edward Lock

Notice to Readers

The AutoCAD-based descriptive geometry learning modules included in the Appendix G have all been developed with AutoCAD 2006 version. In the near future, additional modules might be developed; in such case, the header of the module pages should indicate the version number, as shown in the example below:

AutoCAD   module   page
version number number   number

AutoCAD (2008) Module 4:   4- 1
The Parallel-Line Development of Prism

List of AutoCAD-Based Learning Modules

AutoCAD Module 1A:
The Basic Concepts & Application of Descriptive Geometry

AutoCAD Module 1B:
Points, Lines, & Planes in the Three-Dimensional Space

AutoCAD Module 1C:
Solving for Shortest Distances Between Points, Lines and Planes

AutoCAD Module 1D:
Solving for Angles & Dihedral Angles

AutoCAD Module 2:
The Development of the Five Plutonic Solids

AutoCAD Module 3A:
The Parallel-Line Development of Cylinders