



# Introduction to AutoCAD 2016 for Civil Engineering Applications

*Nighat Yasmin*

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# Introduction to AutoCAD 2016 for Civil Engineering Applications

*Nighat Yasmin*

## **Introduction to AutoCAD 2016 for Civil Engineering Applications** Nighat Yasmin

The main purpose of this book is to provide civil engineering students with a clear presentation of the theory of engineering graphics and the use of AutoCAD 2016. Each chapter starts with the chapter objectives followed by the introduction. The contents of each chapter are organized into well-defined sections that contain step-by-step instructions to carry out the AutoCAD commands. The drawings shown in this book are created using AutoCAD 2016 and Paint software.

Several improvements are made to the current edition. The major contents of the book are based on the ribbon interface. New examples are used throughout the book. The index is improved. The chapter titled as Suggested In-Class Activities provides in-class activities (or ICA). For some of the initial ICAs, it explains the drawing with the help of step-by-step instruction. Also, new problems are added to the homework s chapter. Furthermore, the contents and the drawings of every chapter are improved.

This book has been categorized and ordered into ten parts:

- Introduction to AutoCAD 2016 ribbon interface
- Use of AutoCAD in land survey data plotting
- The use of AutoCAD in hydrology
- Transportation engineering and AutoCAD
- AutoCAD and architecture technology
- Introduction to working drawings
- Suggested drawing problems
- Bibliography
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