

# Art+CAM Tutorials

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[www.cadcamdesigner.com/tutorials](http://www.cadcamdesigner.com/tutorials)

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Οι ενότητες, τα περιεχόμενα και οι ονομασίες αντιστοιχούν στα βίντεο όπως είναι καταχωρημένα στο πρόγραμμα ArtCAM Tutorials Online μέσω ιστοσελίδας.

Τα ιδιαίτερα μαθήματα ακολουθούν την ίδια σειρά, ανάλογα πάντα τις ανάγκες και την εμπειρία του μαθητή στον τομέα.

# #01 INTRODUCTION

- **PART 1**

- MEETING ARTCAM FOR THE FIRST TIME

- SOFTWARE INTERFACE

- WORKING SPACES

- PROJECT TAB

- **PART 2**

- 3D VIEW TOOLBAR

- MOUSE FUNCTIONS

- HANDLING THE WORKING AREA

- MODEL RESOLUTION

# #02 VECTOR BASICS & CREATION

- **THE BASICS**

  - VECTOR LAYERS

  - SELECT TOOL

  - KEYBOARD USAGE

  - SNAPPING

  - TRANSFORM TOOL

- **VECTOR CREATION PART 1**

  - BASIC SHAPES / RECTANGLE – CIRCLE – POLYGON – ARC

  - POLYLINE / LINES – BASIC CAD

- **VECTOR CREATION PART 2**

  - POLYLINE / DRAW SMOOTH POLYLINE

  - NODES & NODE EDITING

  - JOIN/CLOSE COMMANDS

- **VECTOR CREATION PART 3**

  - TEXT / VECTOR TEXT TOOL

- **PRACTICE**

  - CAT FROM SCRATCH

# #03 VECTOR EDITING

- **BITMAP TO VECTOR**

  - IMPORT IMAGE

  - BITMAP TO VECTOR TOOL

  - SPLINE COMMAND

  - PRACTICE IDEAS

- **VECTOR EDITING PART 1**

  - FILLET

  - TRIM

  - OFFEST

  - MIRROR

- **VECTOR EDITING PART 2**

  - BLOCK AND ROTATE COPY

  - TEXTURE FLOW

  - PASTE ALONG A CURVE

  - GROUP

  - ENVELOPE TOOL

- **PRACTICE**

  - MANDALA

  - BEWARE OF THE DOG

# #04 RELIEF BASICS & EDITING

- **THE BASICS**

  - EXISTING RELIEFS

  - RELIEF CLIPART LIBRARY

  - IMPORT 3D MODEL (STL)

  - GRAYSCALE IMAGES

- **RELIEF EDITING PART 1**

  - RELIEF EDITING TOOLBAR I

    - / RESET RELIEF – SMOOTH – SCALE – INVERT

    - / KEEP/ZERO UNDER COLOUR – ZERO OUTSIDE/INSIDE VECTOR

- **RELIEF EDITING PART 2**

  - RELIEF EDITING TOOLBAR II

    - / MIRROR – OFFSET – FADE – DRAFT – SLICE – RELIEF COOKIE CUTTER

  - CLIPART COMMANDS

- **FINALIZING RELIEF**

  - CREATE BOUNDARY FROM RELIEF

  - ADJUST&FINALIZE TIPS

  - PRACTICE IDEAS

- **PRACTICE**

  - TEDDY BEAR

# #05 RELIEF CREATION 1

- RLF CREATION 1 PART 1

  - SHAPE EDITOR TOOL

- RLF CREATION 1 PART 2

  - COMBINE MODES

- RLF CREATION 1 PART 3

  - 3D BLEND

  - CONTOUR BLEND

  - WEAVE

- RLF CREATION 1 PART 4

  - TEXTURE RELIEF TOOL

- RELIEF LAYERS

  - HOW TO USE

  - LAYER COMBINE MODES

  - RELIEF GROUP

  - RIGHT-CLICK OPTIONS

- PRACTICE

  - THE BEST DESIGNER

  - SIGNAGE

  - PIGGY PIG

# #06 RELIEF CREATION 2

- RLF CREATION 2 PART 1

TURN TOOL

- RLF CREATION 2 PART 2

SPIN TOOL

- RLF CREATION 2 PART 3

EXTRUDE TOOL

- RLF CREATION 2 PART 4

TWO RAIL SWEEP

- **PRACTICE**

A FEW WORDS

FLOWER ROSETTE

TURKEY I / TURKEY II



# #07 SCULPTING TOOLS

- **SCULPTING PART 1**

  - SMOOTH

  - TOOLS SETTINGS

  - MASK&COLOURS

- **SCULPTING PART 2**

  - SMUDGE

- **SCULPTING PART 3**

  - DEPOSIT

  - CARVE

- **SCULPTING PART 4**

  - ERASE

  - TRANSFER

- **SCULPTING TOGETHER**

  - TIPS&IDEAS BEFORE PRACTICE

- **PRACTICE**

  - BAD GIRL I / BAD GIRL II / BAD GIRL III

# #08 TIPS & EXTRAS

- BACK RELIEF
- ROTARY MODEL
- PROJECT
- IMPORT – EXPORT
- SAVE
- KEYBOARD SHORTCUTS
- CTRL – ALT – SHIFT
- SNAPPING
- MERGE ZERO PLANE
- VECTOR DOCTOR

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Ευχαριστώ για την προτίμησή σας,

Ελίνα Παναγάκου