

# Custom Advanced Training



## Course Information



**Business:** TerraSim, Inc.

**Address:** 307 Fourth Avenue, Suite 400  
Pittsburgh, PA 15222

**Phone:** (412) 232-3646

**POC:** TerraSim Sales ([sales@terrasim.com](mailto:sales@terrasim.com))

# Table of Contents

<b>Training Description</b>	<b>2</b>
<b>Prerequisites</b>	<b>2</b>
<b>Training Objectives</b>	<b>2</b>
<b>Instructional Methods</b>	<b>2</b>
<b>Course List</b>	<b>3</b>
Full Day Courses	3
Half Day Courses	4
<b>Course Policies and Requirements</b>	<b>5</b>
Attendance and Participation	5
Grading	5
Professionalism Policy	5
Indemnity Clause	5
<b>Course Schedule</b>	<b>5</b>

## Training Description

The Custom Advanced Training courses are the next step for those who wish to further maximize their productivity using TerraTools and our suite of source data preparation products. Course topics include, but are not limited to, batch processing in TerraTools, exporting a TerraTools terrain database to a variety of constructive, visual, and serious game terrain formats, and geospatial source data creation and manipulation using TerraSim's source data preparation products.

## Prerequisites

Each student is expected to have completed the projects in the TerraTools Tutorial Manual and the Standard TerraTools Training courses prior to receiving Custom Advanced Training.

## Training Objectives

The goal of this training is to ensure the students' needs are being met through an in-depth look into their chose topics.

## Instructional Methods

Training content will be delivered through lectures, presentations, direct instruction, demonstrations, discussion, step-by-step activities, hands-on exercises, and reading assignments.

# Course List

Students can customize two days of their advanced training by choosing full-day and/or half-day courses from the following lists. If there is a topic of interest to you that is not included in our curriculum, please let us know so we can make improvements to our training program.

## Full Day Courses

### **TerraTools Batch Processing**

- Introduction to TerraTools Batch Processing and the Batch Mode Manager
- Hands-on Exercises

### **Interior Building Generation**

- Introduction to Interior Building Generation in TerraTools
- Interior Building Generation using TEdit
- Interior Building Generation using Space-Filling

### **TerraTools CTDB Export**

- Introduction to CTDB Export in TerraTools
- MES Placement in TerraTools for CTDB Export
- GCS CTDB Export in TerraTools

### **TerraTools OneSAF Export**

- Introduction to OneSAF Export in TerraTools
- Single and Multi-cell OneSAF Export
- Sub-geotile OneSAF Export
- UHRB Generation through Space-Filling
- UHRB Placement in TerraTools for OneSAF Export

### **TerraTools VBS Export**

- Introduction to VBS Export in TerraTools
- Data Processing and Attribution for VBS Export
- Model Placement in TerraTools for VBS Export
- Multi-map VBS Export in TerraTools

## Half Day Courses

### **TerraTools JCATS Export**

- Introduction to JCATS Export in TerraTools
- ITIN and Gridded JCATS Export
- Hands-on Exercises

### **TerraTools MAK GDB Export**

- Introduction to GDB Export in TerraTools
- Data Processing and Attribution for GDB Export
- Hands-on Exercises

### **TerraTools OpenFlight & OpenSceneGraph Export**

- Introduction to OpenFlight Export in TerraTools
- Introduction to OpenSceneGraph Export in TerraTools
- Hands-on Exercises

### **TerraTools Steel Beasts Professional Export**

- Introduction to Steel Beasts Export Export in TerraTools
- Data Processing and Model Placement for Steel Beasts Export
- Hands-on Exercises

### **Source Data Preparation**

- Introduction to Building Designer, DEMTools, MaterialMAP, RoadMAP, and Xtract
- Hands-on Exercises

# Course Policies and Requirements

## Attendance and Participation

Attendance is mandatory throughout training. Punctuality is necessary to achieve success in training and to complete the course outline. Participation in activities and discussion is required.

## Grading

This training is Pass/Fail. At the conclusion of the training, a Certificate of Completion will be presented to those students that met or exceeded the course requirements.

## Professionalism Policy

In order to maintain an optimal learning environment, all electronic devices must be silenced during all classroom activities. Students will have opportunities to check email, voicemail, etc. on their mobile devices during scheduled training breaks.

## Indemnity Clause

The instructor reserves the right to modify any and all portions of the this syllabus in any way while maintaining the integrity of this training.

## Course Schedule

The training schedule times listed are tentative and subject to change.

- **Wednesday: 0900-1700**
- **Thursday: 0900-1700**
  
- **Breaks: 1030-1045 / 1530-1545**
- **Lunch: 1200-1300**