Training Information for 2023 – 2024

Getting Started with Caddie Classroom Course   **3-day course**   **R4,500.00 inclusive of VAT**

This course is aimed at the first time user and will teach the basic concepts and techniques of drafting using the 2D functionality of Caddie. The course will also include an overview of the specialist applications included with Caddie Professional: Architecture, Civil, GIS, Mechanical, Steel and Survey. At the conclusion of the course, the delegate should have the knowledge to be able to create, edit, save and print two dimensional drawings.

Prerequisites: The delegate must have a working knowledge of a computer using the Windows Operating System.

This course has been assessed and evaluated by SAIAT (6 credits)

Course Dates:

6 – 8 November 2023	22 – 24 January 2024	12 – 14 February 2024	4 – 6 March 2024	8 – 10 April 2024
	6 – 8 May 2024	3 – 5 June 2024	8 – 10 July 2024	5 – 7 August 2024

Getting Started with Caddie Online Course   **Average 35 hours**   **R4,250.00 inclusive of VAT**

This course is aimed at the first time user and will teach the basic concepts and techniques of drafting using the 2D functionality of Caddie without having to travel, or wait to attend a face to face course. At the conclusion of the course, the delegate should have the knowledge to be able to create, edit, save and print two dimensional drawings. If you are an existing Caddie user you will also find the course useful to refresh or extend your knowledge and skills to get the best out of all of the drafting features in the software.

Prerequisites: The delegate must have a working knowledge of a computer using the Windows Operating System.

Enrol anytime. Complete within 12 weeks. This course has been assessed and evaluated by SAIAT (3 credits).

Caddie AEC & 3D Fundamentals Classroom Course   **1-day course**   **R1,800.00 inclusive of VAT**

This course will teach the fundamentals needed to get started with Caddie's AEC and 3D functionality. The delegate will learn the basics of working with 3D primitives and AEC objects. The course also covers the principles of Caddie's tools that assist with complying with SANS 204 and SANS 10400. At the conclusion of the course, the delegate should understand the fundamentals of creating and editing 3D models, applying textures and finishes to them and creating 2D sections and elevations from their models.

Delegates wishing to gain a deeper understanding as opposed to covering just the fundamentals should consider the online course: 'Getting Started with Architecture Engineering and Construction (AEC) Application Course' since this covers the content in far more detail.

Prerequisites: The delegate should have completed, the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience.

This course has been assessed and evaluated by SAIAT (2 credits)

Course Dates:

21 November 2023	30 January 2024	20 February 2024	12 March 2024	16 April 2024
	14 May 2024	11 June 2024	23 July 2024	20 August 2024

Getting Started with AEC Online Course   **Average 25 hours**   **R4,250.00 inclusive of VAT**

Getting Started with Architecture Engineering and Construction (AEC) course teaches the tools you need to make the most of the time you get to design. Whether you want to create a 3D building model, viewing your design from every conceivable angle, or simply produce a set of plans, sections and elevations in a fraction of the time it would take to draw line-by-line, Caddie's Architectural tools make it easy to produce the drawings you need to satisfy clients, planners and building control. At the conclusion of the course, the delegate should have the knowledge to create everything required to construct a model including walls, windows, doors, floors, roofs, stairs and railings as well as presenting your finished model in both 2D and 3D representations.

Prerequisites: The delegate should have completed, the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience.

Enrol anytime. Complete within 12 weeks. This course has been assessed and evaluated by SAIAT (3.5 credits)

Caddie Vio Photorealistic Rendering Fundamentals Classroom Course

1-day course   R1,800.00 inclusive of VAT

This course will teach the fundamentals of creating photorealistic images from AEC and 3D models. The delegate will learn the basics of attaching materials to objects, manipulating and storing views, defining natural and artificial lighting and shadows. At the conclusion of the course, the delegate should understand the fundamentals of creating photorealistic images and sunstudies. Delegates wishing to gain a deeper understanding as opposed to covering just the fundamentals should consider the online course: 'Caddie Visual Image Output (Vio) Photorealistic Rendering', since this covers the content in far more detail.

Prerequisites: The delegate should have completed, the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience as well as have a reasonable understanding of the principles and terminology of photorealistic rendering.

This course has been assessed and evaluated by SAIAT (1 credit).

Course Dates:

22 November 2023	31 January 2024	21 February 2024	13 March 2024	17 April 2024
	15 May 2024	12 June 2024	24 July 2024	21 August 2024

Caddie Visual Image Output (Vio) Photorealistic Rendering Application Online Course

Average 17 hours   R4,200.00 inclusive of VAT

This course will teach the delegate how to create photo realistic images from AEC & 3D models. The delegate will gain an in-depth knowledge of creating and attaching procedural and image based materials to objects, manipulating and storing views, defining natural and artificial lighting (including photometric lights), different types of shadows and controlling their effects. At the conclusion of the course, the delegate should understand how to create photorealistic images and sunstudies.

Prerequisites: The delegate should have completed the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience as well as have a reasonable understanding of the principles and terminology of photorealistic rendering.

Enrol anytime. Complete within 12 weeks.

Caddie Advanced Productivity Classroom Course   1-day course   R1,800.00 inclusive of VAT

This course is aimed at users proficient in drafting with Caddie, but who want to enhance their knowledge to either produce work more quickly, or just learn about more sophisticated features not covered in the Getting Started courses. At the conclusion of the course, the delegate should have a better understanding of the use and configuration of blocks and reference symbols, bitmap fills, annotative finishes and scales, plotstyles, dimensions and AEC dimensions, the component manager, PDF export options, Levels, time logging and templates.

Prerequisites: The delegate should have completed, the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience.

This course has been assessed and evaluated by SAIAT (2 credits)

Course Dates:

20 November 2023	19 February 2024	15 April 2024	10 June 2024	19 August 2024

Caddie Geographic Information System (GIS) Application Online Course

Average 36 hours   R4,200.00 inclusive of VAT

This course is aimed at users who want to incorporate spatial data such as mapping, local services and infrastructure into their drawings, as well as use Caddie to manage and populate GIS data sources. Caddie Pro + GIS is your perfect solution for information procurement, production, assimilation and presentation. At the conclusion of the course, the delegate should understand how to convert information between different coordinate reference systems, combine drawing and spatial information, import spatial data from their own and third party sources, as well as how to create and manage their own spatial data.

Prerequisites: The delegate should have completed the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience. A reasonable understanding of the principles of GIS is also required.

Enrol anytime. Complete within 12 weeks.

Caddie Digital Terrain Modelling (DTM) Application Online Course

Average 3 hours   **R800.00 inclusive of VAT**

This course is for anyone involved in Civil Engineering, Surveying or the Construction Industry dealing with real world sites where levels can be anything but flat! Caddie's DTM provides the perfect tool for preparing site models, sections and contours needed to fully develop a scheme. Sites can be viewed from any angle to get a better appreciation of the opportunities and challenges they offer and images such as aerial photographs can be draped over the site to view site features. At the conclusion of the course, the delegate should understand how to create 'TIN' models from points or contours, how to level and recontour sites, create sections and do cut and fill calculations.

Prerequisites: The delegate should have completed the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience. A good working knowledge of the principles of terrain modelling is also required.

Enrol anytime. Complete within 4 weeks.

Caddie Survey Application Online Course   **Average 3 hours**   **R800.00 inclusive of VAT**

This course will teach the delegate how to set up Caddie's survey mode, place coordinates, draw by polar or survey coordinates, add join text, insert survey points, coordinate import and export, import GPS coordinates, load satellite images and use survey and GPS measure tools. At the conclusion of the course, the delegate should have the ability to create, query and export survey drawings.

Prerequisites: The delegate should have completed the Getting Started with Caddie Online Training or Classroom Course or have the equivalent self-taught experience. A good working knowledge of land surveying is also required.

Enrol anytime. Complete within 4 weeks.

Terms and Conditions for Classroom Based Courses:

1. Important note: Bookings will only be deemed confirmed on receipt of the proof of payment/official order and the authorised, fully completed, and signed registration form.
2. All quoted prices are inclusive of VAT.
3. The registration of each delegate is subject to an advance deposit of 50% of the course fee 14 days prior to course commencement. The balance is payable no later than 7 days prior to the start of the course.
4. Caddie reserves the right to change the dates of courses and the prices of future courses without written notice.
5. Cancellation of courses MUST be in writing and are subject to the following cancellation fees:
   - Prior to fourteen (14) days   -   25% of course fee is payable.
   - Prior to seven (7) days   -   50% of course fee is payable.
   - Within seven (7) days   -   100% of course fee is payable.
6. The running of classroom based courses is subject to a minimum number of people booking. If insufficient people book for a particular course, students who have already booked will be offered an alternative date or an online course. Should neither be suitable a full refund will be offered.

General information for Classroom Based Courses:

- The Caddie classroom courses are presented at the Caddie training centre in the Centurion office:
  The Greens Office Park, Fancourt Building, 18 Charles de Gaulle Crescent, Highveld x12 , Centurion, 0157.
- Training course times are 09:00 to 16:00.
- Lunch and refreshments are included. Vegetarian, Kosher and Halaal meals can be provided on request – please inform Caddie Support in advance.
- We do not arrange for accommodation or travelling to and from the training venue.
- We do not cater for people with sight or hearing impediments that need special equipment.

Payment:

Payment can be made online or by EFT, Credit or Debit card.

Banking Details:

Account Name:	Advanced Computer Solutions (Pty) LTD trading as Caddie.
Bank:	ABSA, Centurion
Branch code:	632005
Account number:	4054844529