

Michael J. Carris, LSIT

President

Carris Technology Solutions

Professional Experience

Certified as an Autodesk Authorized Consultant and product instructor, Mike brings more than 17 years of civil engineering and land surveying experience the AEC Industry. Mike is known for his expertise in design visualization, GIS, GPS, mapping, civil engineering, and land surveying software applications.

Responsibilities:

- ◆ Investigate and test new technology that would have positive impact on design efficiency
- ◆ Develop and execute training curriculums.
- ◆ Create and deliver training to Civil Engineers and Surveyors
- ◆ Develop and implement Design and CAD Standards
- ◆ Provide technical support

Project Experience

Carris Technology Solutions – (06/06 – Present)

- Consulting Services for Collins Engineering, Charlottesville, Va
- Provide consulting services for Civil 3D implementation for Souder, Miller and associates, NM.
- Civil 3D Implementation for CEA Group, El Paso, TX
- Civil 3D Implementation for Gratan Associates, Richmond, VA
- Provide Civil 3D Standards Creation for PJ Colman, Galway, Ireland.
- Created GTC Group
- Consulting Services to Maser Consulting to train survey field crews on data collection procedures.
- Numerous Civil 3D, Land Desktop, and Map 3D Classes for Autodesk resellers and Partners.

K-TEK Solutions - (01/01 06/06)

- Authored Geospatial and Raster Design Modules for Autodesk Educational Curriculum.
- Develop Map 3D Implementation Certified Expert Course for Autodesk.
- Author “Making the Most of Machine Control” Published in Sept 2006 issue of POB.
- Develop and author vBooks for Autodesk Applications.



Education

1991 / Hudson Valley
Community College / AAS / Civil
Engineering

Registrations

- ◆ Land Surveyor in Training
LSIT
- ◆ Autodesk Authorized
Consultant
- ◆ Trimble Trainer
- ◆ Autodesk LDDT R2 TCE
- ◆ Autodesk Certified
Instructor since 2000
- ◆ Autocad Map 2000 TCE
- ◆ Autodesk Level I and II
Certified since 1998

Years of Experience

17

Presentations

Mapping Tools for Engineers
and Designers / Autodesk
University, Las Vegas, NV

3D Data Prep for Machine
Control – Trimble Dimensions,
Las Vegas

- Deliver Civil 3D training on behave of Autodesk for EMEA customers in Portugal, Sweden, Ireland and Wales.
- Develop Content and Standards for Autodesk, Content is in Autodesk Land Desktop 2006, Civil 3D 2006 and 2007 applications.
- Product validation and operational testing for ISD products (Civil 3D 2006, LDT 2006)
- Provide Civil 3D training for the Latin America Channel Partners.
- Develop Content for the Autodesk ISD 2006 product line. (Civil 3D, LDT 2006)
- Deliver Trimble RTK Survey Training to US Air Force units.
- Develop and deliver classes on 3D Data Preparation in conjunction with Trimble for Autodesk Land Desktop Customers for use with Machine Controlled Grading Systems
- Co-Author of "Digging Into Map 3D" training book for Autodesk Map 3D.
- Co-Author of "Introducing Civil 3D" training book for Autodesk Civil 3D.
- Author of whitepapers for Autodesk. Comparing Civil 3D with Land Desktop, Autocad and GeoPak.
- Provide training for Autodesk Resellers on Autodesk software.
- Provide Land Desktop training to the Bureau of Reclamation, Denver, CO and Billings, MT Offices.

Autodesk - Manchester, NH

- Consultant. Product validation and operational testing. Contracted by Autodesk to perform operational testing and validation on 2005 Civil/Survey Products.
- Authored whitepaper "Using Civil 3D In Conjunction with Land Desktop" for Autodesk ISD.
- Presented WebCast on Using Civil 3D In Conjunction with Land Desktop for Autodesk Civil 3D
- Performed Civil 3D Training to Transportation Advisory Group for Autodesk ISD.
- Speaker at Autodesk University 2003,2004

Timmons Group – Richmond, VA (05/01 to 02/05)

- Investigate and test new technology that would have positive impact on design efficiency
- Develop and execute a training curriculum.
- Work as the liaison between the client and external support for problem resolution
- Work within select production departments and projects as a team member responsible for the most efficient use of the CAD tools and processes
- Assist all departments with the development and implementation of Design and CAD Standards

*Michael J. Carris, KCP
(Continued)*

Affiliations

- ◆ Virginia Association of Surveyors
- ◆ Richmond AutoCad Manifest

- Provide on-site and telephone technical support for ALL Design Software
- Manage CAD Software Licensing, to include all CAD and design software (Autodesk, Bentley, Haestad Methods, etc.)
- Maintenance of ALL CAD software, i.e. upgrades, and maintenance and service packs
- Ensure proper plotter, printer, and scanner configurations for LDD and other design software
- Ensure proper equipment is specified for use with Design Software
- Provide basic level IT support and be a part of IT planning that will effect the CAD environment

John Tyler Community College - Richmond, VA (1/01 to 01/05, Faculty)

- Teach Land Development Desktop curriculum for Civil Technology and Continuing Education Programs.

Avatech Solutions - Richmond, VA (7/99 to 5/01, Civil Applications Engineer, Autodesk Certified Instructor)

- Provided training and technical support of Autodesk Civil, Survey, and GIS/Mapping Applications. Provided Professional Services including needs analysis, software implementation, perform product demos, and software installs/trouble shooting.

United States Marine Corps Reserve, HQ 3rd Bn, 14th Marines - Philadelphia, PA (11/97 to 4/03, Survey Team Leader)

- Performed Field Artillery Survey operations in support of 3rd Battalion, 14th Marines; GPS Survey Team Leader. Honorable Discharge at rank of Staff Sergeant (E-6).

Clough, Harbour & Associates LLP - Richmond, VA (9/97 to 7/99, Senior Engineering Designer/Technician)

- Civil Engineering Projects: Site layout, Storm/Sanitary design, Grading/Landscape Plans. Surveying/Mapping: supported Survey Group with special projects. (Mapping, DTM, GPS, etc) Visualization: Produced Photographic Simulations for Wireless, Civil, and Transportation Groups Wireless Communications Project Coordinator: coordinated and designed PCS Communication Towers Project Local Network Administrator: installed, maintained, & troubleshot Richmond Office computers & LAN

Clough, Harbour & Associates LLP - Albany, NY (5/96 to 8/97 Senior Engineering Designer/Technician)

- Acted as Party Chief for field Operations. For office operations performed numerous tasks including mapping, boundary determinations, digital terrain modeling, Geographic Information Systems, Global Positioning post processing computations. Assisted in solving problems with section computers.

**S.Y. Kim, Land Surveyor, PC - Latham, NY (5/92 to 4/96,
Survey / Computer Technician/Party Chief, CAD Manager)**

- Performed all types of Surveys topography, mortgage, road and building construction stakeout etc. Performed reduction of field notes, download and editing of electronic files from Data Collectors. Rotation and translation of field data. Draft Maps using ACAD/DCA & Microstation PC/Siteworks. Managed the upkeep of the office's computer systems. Research and development of computer hardware and software as well as field equipment (EDM's & Data Collectors).

**United States Marine Corps (9/87 to 9/91, Assistant
Operations Chief with H Btry, 3rd Bn, 10th Marines)**

- Training/Education NCO with 10th Marine Regiment. Honorable Discharge at rank of Sergeant. Gulf War Veteran.