

# AU 2009 Classes - by Track

## Architecture & Building Design

<b>Let's Stick Together: IPD Collaboration Between Disciplines</b>				
Veronica Lamb	Tue. 12/1	8:00 am - 9:30 am	Intermediate	Power Track
<b>Green Your Design with Autodesk® Ecotect® and Revit®</b>				
Patrick Vilella	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Lab
<b>Collaborating Across Disciplines with Autodesk® Revit® Architecture, MEP, and Structure</b>				
David Cohn	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>The Complete Guide to Configuring AutoCAD® Architecture 2010 for Your Office</b>				
T.J. Meehan, AIA LEED AP	Tue. 12/1	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Autodesk® Revit® Architecture for AutoCAD® Architecture Geeks</b>				
Matt Dillon	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Conceptual Design in Autodesk® Revit® Architecture 2010</b>				
David Fano	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>A Quick Spin on Project Navigator in AutoCAD® Architecture</b>				
Reid Addis	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Lab
<b>Real-World AutoCAD® Architecture Schedule Use: How to Create Custom Schedules That Work for You and Your Company</b>				
lauren stassi	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	Un-Conference
<b>Insanely Great Stairs and Railings with Autodesk® Revit®</b>				
Phil Read	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>LEED®-ing Your Project Into the Green Revolution: Achieving EQc 8.1 with Autodesk® Revit® Architecture 2010 and Energy Analyst</b>				
Nick Bower	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Schedule Anything in AutoCAD® Architecture or AutoCAD® MEP, Part 1</b>				
Matt Dillon	Tue. 12/1	3:00 pm - 4:30 pm	All levels	Multi Part Session
<b>Not Your Dad's CAD: Phasing and Design Options in Autodesk® Revit®</b>				
Beau Turner	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	Power Track
<b>How Do I Manage the CA Phase in Autodesk® Revit®?</b>				
James Stoneberger	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	Un-Conference
<b>AutoCAD® Architecture Secrets Exposed!</b>				
Jeanne Aarhus	Tue. 12/1	3:00 pm - 4:30 pm	Power User	90-Minute Class
<b>Finding Your Way Around Shared Coordinates</b>				
Ron Palma	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Schedule Anything in AutoCAD® Architecture or AutoCAD® MEP, Part 2</b>				
Matt Dillon	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	Multi Part Session
<b>Using Autodesk® Revit® and 3ds Max® Design for Daylighting</b>				
Eddy Krygiel	Tue. 12/1	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Taking AutoCAD® Architecture to the Next Level</b>				
David Butts	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>"This is SO Not in the Book" About Revit® Architecture</b>				
Donnia Tabor-Hanson	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Multi-Discipline Project Coordination with Autodesk® Revit®</b>				
James Stoneberger	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>All in the Family: Creating Parametric Parts in Autodesk® Revit® Architecture</b>				
Matt Dillon	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Mobilizing to Design for Carbon Neutrality: A Practical Approach</b>				
Ken Hall	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Better Decisions, Better Buildings, Early Energy Analysis</b>				
David Haynes	Wed. 12/2	8:00 am - 9:30 am	Power User	90-Minute Class
<b>Advanced Curtain Wall Design in AutoCAD® Architecture</b>				
James Upton	Wed. 12/2	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Building Solutions: The AutoCAD® Architecture Power User Challenge</b>				
Jeanne Aarhus	Wed. 12/2	1:00 pm - 2:30 pm	Power User	90-Minute Class

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<b>Model to Marvelous Goes Mental: Realistic Approaches to Photo-Realistic Design Visualization with Autodesk® Revit® 2010</b>					
Jeffrey McGrew	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Lab	
<b>What Makes a Good Autodesk® Revit® Project Template</b>					
Robert Manna	Wed. 12/2	1:00 pm - 2:30 pm	Power User	Un-Conference	
<b>Detailing in Autodesk® Revit® Architecture</b>					
Paul Aubin	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class	
<b>A Lap Around Autodesk® Quantity Takeoff</b>					
Mark Webb	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class	
<b>Custom Stairs and Railings in Autodesk® Revit® Architecture 2010</b>					
eric wing	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class	
<b>A Quick Spin on Autodesk® Revit® Architecture Curtain Walls</b>					
Reid Addis	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Lab	
<b>AutoCAD® Architecture Horizontal Sections: The Hidden Tool to Document the Curves, Slopes, Tapers, and Overlaps That You Mode</b>					
lauren stassi	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class	
<b>Autodesk® Revit® for Conceptual Floor Plans</b>					
Jim Balding	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class	
<b>Autodesk® Revit®: A BIM Manager's Guide to Revit-izing your Office</b>					
Nauman Mysorewala	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class	
<b>Advanced Documentation Techniques for the Autodesk® Revit® Platform</b>					
T.J. Meehan, AIA LEED AP	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class	
<b>The Definitive Guide to Installing AutoCAD® Architecture 2010</b>					
Matthew Stachoni	Wed. 12/2	5:00 pm - 6:30 pm	Power User	90-Minute Class	
<b>Integrated Architecture and Interior Design Documentation with Autodesk Revit</b>					
Scott Brown	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	Power Track	
<b>Autodesk® Revit® Project Templates: Finding the Right Balance for What's in Them</b>					
T.J. Meehan, AIA LEED AP	Wed. 12/2	5:00 pm - 6:30 pm	Advanced	Un-Conference	
<b>Dougs Quik Tips for AutoCAD® Architecture</b>					
Douglas Bowers, AIA LEED AP	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class	
<b>BIM Convergence: BIM Collaboration on a Case Study Project</b>					
Kelly Cone	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Panel	
Cory Dippold	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class	
<b>Green Renovations with Autodesk® Revit® Architecture</b>					
Marie Fisher	Thu. 12/3	8:00 am - 9:30 am	Intermediate	Power Track	
<b>Chaos: Multidiscipline, Multi-Firm, Multi-Location Autodesk® Revit® Projects</b>					
Eric Mitchell	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Panel	
<b>Breaking Free of the Plan: AutoCAD® Architecture Sections and Elevations</b>					
Paul Aubin	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class	
<b>From Existing and Beyond with Design Options and Phases</b>					
Mike Massey	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class	
<b>The Rise of the Phoenix: The Design and Construction of NBC Universal Studios Backlot With Autodesk® Revit®</b>					
Phil Read	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class	
<b>Easing the Transition from AutoCAD® to AutoCAD Architecture</b>					
Tom Tobin	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class	
<b>Customers Are From Venus and Manufacturers Are From Mars: Connecting the Dots With Content</b>					
James Jackson	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Panel	
<b>"Revit Inside": Autodesk® Revit® Architecture for the Interior Designer</b>					
Paul Aubin	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class	
<b>Revit for Project Managers</b>					
Jim Balding	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class	
<b>Making the Most With Autodesk® Quantity Takeoff: Connecting Take Offs to Industry Estimating Software</b>					
Stephen Komisarek	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class	

## AU 2009 Classes - by Track

<b>SSS</b>					
Robert Manna	Thu. 12/3	1:00 pm - 2:30 pm	Advanced	90-Minute Class	
<b>Digital Tools: Which, Where, and How?</b>					
Jim Balding	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	Un-Conference	
<b>Simplify Renovations Using the Project Navigator in AutoCAD® Architecture</b>					
James Upton	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class	
<b>Personalize Your Palettes in AutoCAD® Architecture</b>					
Douglas Bowers, AIA LEED AP	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class	
<b>Autodesk® Revit® Architecture: Attention to Detail</b>					
Matt Dillon	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class	
<b>Autodesk® Revit® Architecture Tips and Tricks</b>					
Paul Aubin	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class	
<b>From Fabulous to Fabrication: Real-world Digital Fabrication and BIM</b>					
Jeffrey McGrew	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Lab	
<b>An ARNG Project Autodesk® Revit® Case Study</b>					
Mark Da Gama Rose	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>Next Generation AEC Collaboration</b>					
Mark Evans	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>From Programming to Presentation: Planning with Autodesk® Revit® Architecture</b>					
Jay Zallan	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class	
<b>There Is No 'I' in Team</b>					
Ron Palma	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class	
<b>Raising the Roof: Creating Roofs in Autodesk® Revit®</b>					
David Cohn	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class	
<b>Autodesk® Navisworks® Use on Design Projects</b>					
Shrimant Jaruhar	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class	
<b>Solving Common Autodesk® Revit® Architecture Problems</b>					
Harlan Brumm	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class	
<b>A Quick Spin: Hands on Navigation with Autodesk® Navisworks® Manage 2010</b>					
Jason Dodds	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Lab	
Chris Needham	Tue. 12/1	1:00 pm - 2:00 pm	Intermediate	Virtual Session	
<b>Autodesk® Revit® Collaboration: Shared Coordinates for Projects Big and Small</b>					
Steve Stafford	Tue. 12/1	1:00 pm - 2:00 pm	All Levels	Virtual Session	
<b>Production Incline with Spline</b>					
Steve Butler	Wed. 12/2	9:00 am - 10:00 am	Intermediate	Virtual Session	

# AU 2009 Classes - by Track

## AU Keynote

Speaker TBA	Tue. 12/1	10:00 am - 11:30 am	All levels	Keynote
<b>Autodesk Education Keynote: Understanding Gen Y</b>				
Alissa Perlstein	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	Keynote
Speaker TBA	Tue. 12/1	5:00 pm - 6:30 pm	All levels	Keynote
Speaker TBA	Wed. 12/2	10:00 am - 11:30 am	All levels	Keynote
Speaker TBA	Wed. 12/2	1:00 pm - 2:30 pm	All levels	Keynote
Joseph Wurcher	Wed. 12/2	1:00 pm - 2:30 pm	All levels	Design Leadership

# AU 2009 Classes - by Track

## AutoCAD | Platform Technology

<b>The ABC's of the AutoCAD® CUI</b>	R. Robert Bell	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>It's a 3D World After All: AutoCAD® 2010</b>	Alexander Wood	Tue. 12/1	8:00 am - 9:30 am	All Levels	Power Track
<b>The AutoCAD® Toolbelt: Customizing Productivity Power Tools and Techniques</b>	Michael Beall	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>Never Use Photoshop® Again! Editing Raster Images Using AutoCAD® Raster Design</b>	Felicia Provencal	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Design as a Competitive Strategy</b>	Jon Pittman	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	Design Leadership
<b>Custom Object Snaps and Other Geometry Calculator Tricks in AutoCAD®</b>	Darren Young	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Lab
<b>Creating and Editing 3D Solids, Surfaces, and Meshes in AutoCAD® 2010</b>	J.C. Malitzke	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	Power Track
<b>Basics of Autodesk® Vault</b>	Todd Nicol	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>3D Made Easy From Concept to Completion in AutoCAD®, Part 1</b>	Heidi Hewett	Tue. 12/1	3:00 pm - 4:30 pm	All levels	Power Track
<b>The Beauty of Simplicity: AutoCAD® Renderings in Seven Steps</b>	Leonardo Casado	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Lab
<b>Back to Flat: Producing 2D Output From 3D Models</b>	David Cohn	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Getting Up to Speed on AutoCAD® 2010</b>	Lynn Allen	Tue. 12/1	3:00 pm - 4:30 pm	All levels	90-Minute Class
<b>Looking Into the Crystal Ball: A Sneak Peek at the Future of Autodesk® Data Management</b>	Brian Schanen	Wed. 12/2	8:00 am - 9:30 am	Intermediate	Design Leadership
<b>3D Made Easy From Concept to Completion in AutoCAD® (Part 2)</b>	Heidi Hewett	Wed. 12/2	8:00 am - 9:30 am	All levels	Power Track
<b>AutoCAD®: What's Up with the CUI?</b>	R. Robert Bell	Wed. 12/2	8:00 am - 9:30 am	All Levels	Un-Conference
<b>Hands on Introduction to Dynamic Blocks in AutoCAD® 2010</b>	John Beltran	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>Oh Sheet (Set Manager)! Workflow for New Projects</b>	Dawn Ouchi	Wed. 12/2	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Design Visualization Techniques in AutoCAD® 3D</b>	David Cohn	Wed. 12/2	10:00 am - 11:30 am	All Levels	Power Track
<b>Meshing Around with AutoCAD® 2010: Compelling Mesh Modeling Techniques</b>	J.C. Malitzke	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Lab
<b>Becoming an AutoCAD® Power User</b>	dave espinosa-aguilar	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>What a Mesh! Tips and Best Practices for Working with Free-Form Design in AutoCAD®</b>	guillermo melantoni	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>AutoCAD® Secrets Exposed!</b>	Jeanne Aarhus	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Photo-Realistic Rendering Techniques in AutoCAD® 3D</b>	David Cohn	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	Power Track
<b>Socially Responsible Social Networking and Blogging: Best Practices, Risks and Rewards</b>	Shaan Hurley	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	Un-Conference
<b>The 12 Hidden Secrets of AutoCAD® Productivity Revealed!</b>	matt murphy	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	Multi Part Session
<b>2009 AutoCAD® Bloggies: Productivity Enhancing Tips From the Blogs</b>	Donnie Gladfelter	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class

## AU 2009 Classes - by Track

<b>The Benefits of AutoCAD® Map 3D for General AutoCAD Users</b>				
Russell Martin	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Parametric Drawings: Object Relationship with Geometrical and Dimensional Constraints</b>				
John Beltran	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	Power Track
<b>Creating a Good Impression</b>				
Ron Palma	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>12</b>				
matt murphy	Wed. 12/2	3:00 pm - 4:30 pm	All levels	Multi Part Session
<b>EAT TEXT: Out-of-the-Box AutoCAD®/Excel® Integration</b>				
dave espinosa-aguilar	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	Power Track
<b>A Working Enterprise CUI in Front of Your Eyes</b>				
R. Robert Bell	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>The Best of AutoCAD®: 2007-2010</b>				
David Piggott	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>The Dos and Donts of Dynamic Blocks Revealed!</b>				
matt murphy	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>How to Get the Most Out of the Action Recorder</b>				
Tom Stoeckel	Thu. 12/3	8:00 am - 9:30 am	Advanced	Power Track
<b>Compelling 3D Features in AutoCAD® 2010</b>				
J.C. Malitzke	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>Why the #!@% Did That Happen? Mysteries of AutoCAD® Revealed</b>				
deni cox	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Field Density: The Functionality and Application of FIELDS in AutoCAD®</b>				
dave espinosa-aguilar	Thu. 12/3	10:00 am - 11:30 am	Intermediate	Power Track
<b>Compelling Features of 3D Part Modeling in AutoCAD® 2010</b>				
J.C. Malitzke	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Lab
<b>All Things Layers in AutoCAD®</b>				
Tom Stoeckel	Thu. 12/3	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>Publishing DWG Data to Google Earth</b>				
THOMAS INZINGA	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Soak. Wash. Rinse. Spin. Repeat 1000 Times: Passionate Scripting For Everyone</b>				
dave espinosa-aguilar	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>90 AutoCAD® Tips in 90 Minutes</b>				
Lynn Allen	Thu. 12/3	1:00 pm - 2:30 pm	All levels	90-Minute Class
<b>Size Does Matter: Annotative Scale Feature in AutoCAD®</b>				
Isaac Harper	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Signature Styles and Entourage for Autodesk® Impression</b>				
Ron Palma	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>The Power of Constraints Within Dynamic Blocks Revealed!</b>				
John Beltran	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	Power Track
<b>HELP! The Best Places to Look to Get Support</b>				
Rob Sinclair	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>The Productivity Power of AutoCAD® Tool Palettes Revealed!</b>				
matt murphy	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Up And Down the Scales in AutoCAD®</b>				
Bill Fane	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Managing Your Standards and Reusable Content with AutoCAD® Tool Palettes Revealed!</b>				
matt murphy	Thu. 12/3	5:00 pm - 6:30 pm	Power User	Power Track
<b>One-Pick Plotting: As Easy As It Gets!</b>				
Jack Foster	Thu. 12/3	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Two-Handed CAD: Do Less Work to Get More Finished</b>				
Brian Benton	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class

# AU 2009 Classes - by Track

## Business Owner

<b>Leading Online and Face-to-Face Communities</b>				
Jill Keefer	Tue. 12/1	7:00 am - 7:45 am	All levels	Design Leadership
<b>BIM: A Business Decision</b>				
Joseph Joseph	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>CAD Management Versus CAD Leadership in Implementing Change and Boosting Productivity</b>				
Andrew Hill	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Maximize your CAD Assets With Targeted Learning and Consultancy</b>				
Hans Hirschi	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	Un-Conference
<b>Mission Critical Management Skills</b>				
Tench Tilghman	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>The Impossible 3 Million SF BIM Project</b>				
dat Lien	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Creating a Community Strategic Plan</b>				
Jill Keefer	Wed. 12/2	7:00 am - 7:45 am	All levels	Design Leadership
<b>Lean, Last Planner, Agile and Scrum, Oh My! Modern Processes for Production</b>				
Jeffrey McGrew	Wed. 12/2	8:00 am - 9:30 am	All Levels	Un-Conference
<b>Secrets to Succeeding as a CAD Consultant</b>				
Jamie Thomas	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>How to Win That Contract</b>				
Robert Gadbow	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>ssss</b>				
Jill Keefer	Thu. 12/3	7:00 am - 7:45 am	All levels	Design Leadership
<b>The Mechanics of Project Management: Successfully "Herding Cats"</b>				
Mark Hechel	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Corporate CAD Caveats</b>				
Emlyn Altman	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class

# AU 2009 Classes - by Track

## CAD Management & IT

<b>Power Track Kickoff</b>				
Robert Green	Tue. 12/1	8:00 am - 9:30 am	All Levels	Power Track
<b>CAD Geeks Inside: Starting, Maintaining and Enabling a Company User Group</b>				
Kevin Robinson	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>CAD Managers Action Plan</b>				
Robert Green	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>Evolution Not Revolution: The Key to Successful CAD Standards</b>				
Eric Chappell	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Autodesk® Revit®: Setting Standards</b>				
Paul Woddy	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	90-Minute Class
Ken Murphy	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>CAD Management Trends (The Survey Says)</b>				
Robert Green	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	Power Track
<b>Revit®-izing the U.S. National CAD Standard</b>				
Mathew Miller	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Justifying Customization in Your CAD Environment</b>				
Robert Green	Wed. 12/2	8:00 am - 9:30 am	Intermediate	Power Track
<b>Getting the Most Out of Your Computer Purchase: Hardware Myths Revealed!</b>				
Jason Hickey	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Utilizing Virtual Machines to Streamline Autodesk Product Installations and Increase Their Performance</b>				
Darryl McClelland	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>The Dos and Dents of 3D Implementation</b>				
Robert Green	Wed. 12/2	10:00 am - 11:30 am	Intermediate	Power Track
<b>Creating the Worlds Greatest AutoCAD® Template</b>				
Colleen Klein	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Lab
<b>CAD Managers Training, Standards and Productivity Guide, Part 1</b>				
Robert Green	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>The Thankless Job of a BIM/CAD Manager</b>				
Yoshi Honda	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Introduction to VBScript for CAD Administrators</b>				
Darren Young	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Lab
<b>CAD Leadership 2009</b>				
Mark Kiker	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>nate</b>				
Nate Bartley; jerry milana	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	Multi Part Session
<b>Finding and Hiring Top Talent</b>				
paul kirill	Wed. 12/2	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Networking Autodesk® Products A2Z: The Lab</b>				
jerry milana	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab
<b>A Holistic Approach to BIM Management: Merging Technology and Practice</b>				
Brian Skripac	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>CAD Manager's Guide to Document Management with the Autodesk® Family of Products, Part 1</b>				
Brian Schanen	Thu. 12/3	8:00 am - 9:30 am	All levels	Multi Part Session
<b>Managing the AutoCAD® CUI, Empowering the Users</b>				
R. Robert Bell	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>BIM Manager: The Newest Position</b>				
Mark Kiker	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>CAD Manager's Guide to Document Management with the Autodesk® Family of Products, Part 2</b>				
Brian Schanen	Thu. 12/3	10:00 am - 11:30 am	All levels	Multi Part Session
<b>How to Maximize the Effectiveness of Training</b>				
Nigel Davies	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	Un-Conference

## AU 2009 Classes - by Track

### **CAD Standards Made Easy**

Joseph Joseph	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Panel
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### **BIM Management**

Yoshi Honda	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
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### **Standardizing AutoCAD®: Centralization and Customization**

Christopher Greene	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	90-Minute Class
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### **Autodesk® Vault Workgroup Round Table**

Allen Gager	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	Un-Conference
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### **Enforcing CAD Standards Using Visual LISP®**

R. Robert Bell	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
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### **Human Management: A Non-Technical Approach to CAD Management**

Donnie Gladfelter	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
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### **Creating a Sense of Community Spirit: How to Build on Knowledge While Demolishing Silos**

Andrew Male	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
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# AU 2009 Classes - by Track

## Civil Engineering

<b>I Manage 2500+ AutoCAD® Civil 3D® Styles and Im Not Crazy</b>	Tench Tilghman	Tue. 12/1	8:00 am - 9:30 am	Power User	90-Minute Class
<b>Aggravating...Aggregating Data</b>	Rick Ellis	Tue. 12/1	8:00 am - 9:30 am	Intermediate	Power Track
<b>Analyze This and Analyze That: A Hands-On Look at Surface Analysis Within AutoCAD® Civil 3D®</b>	JUSTIN BROOKS	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>AutoCAD® Civil 3D®: The Ten Commandments of Survey Data</b>	Creg Dieziger	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>BIM for Civil</b>	Jack Strongitharm	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>A Race from the Field to the Finish Line</b>	SCOTT MCEACHRON	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>Building the Perfect Template</b>	Cyndy Davenport	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Lab
<b>Road Reconstruction: Shaving &amp; Paving using AutoCAD® Civil 3D® 2010</b>	David Hill	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Civil 3D® Survey 2010: Whats Behind the Curtains?</b>	Seth Cohen	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>LOTS More: Rules-Based Lot Grading</b>	Malcolm Fernandes	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Hit the Road, Jack! Road Design I</b>	David Fagerman	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	Power Track
<b>Telling the Floodplain Truth with AutoCAD® Civil 3D®</b>	James Wedding	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Modeling Rivers, Channels, and Streams with AutoCAD® Civil 3D® 2010</b>	Dana Probert	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Holy Sheet! How to Get Your Construction Documents Out of AutoCAD® Civil 3D®</b>	Steve Biver	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Hit the Road, Jane! Road Design II</b>	Karen Weiss	Tue. 12/1	5:00 pm - 6:30 pm	Advanced	Power Track
<b>A Simplified Process for Dynamic Complex Urban Corridor Design</b>	Arthur Miller	Tue. 12/1	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Get Ready to Takeoff with AutoCAD® Civil 3D®</b>	THOMAS INZINGA	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Dream it....Do it! AutoCAD® Civil 3D® Visualization</b>	Darian Klare	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>"Breaking Up Isn't Hard to Do!" AutoCAD® Civil 3D® and MapBooks</b>	Jerry Bartels	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Making the Grade! Grading Techniques Using AutoCAD® Civil 3D®</b>	Ron Couillard	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>AutoCAD® Civil 3D®: Hot for Feature!</b>	Eddie Johnson	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Going Commando! Utilizing Data Shortcuts and External References to Manage AutoCAD® Civil 3D® Data</b>	Joe Hedrick	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>The New Design Paradigm: Intersections to Complex Corridors</b>	Tench Tilghman	Wed. 12/2	8:00 am - 9:30 am	Power User	90-Minute Class
<b>The Rain on the Lanes Goes Mainly Down the Drain</b>	Dana Probert	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>Designed for Success: Making Designs Look Magnificent</b>	Adam Peter	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Lab
<b>A Billion Points of Light</b>	Rob Todd, LLS	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class

## AU 2009 Classes - by Track

<b>Roundabout Design using AutoCAD® Civil 3D® 2010 Intersection Tools</b>				
Marie-Pierre Lebel	Wed. 12/2	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Diversify Visually with AutoCAD® Civil 3D® and Autodesk® 3ds Max® Design</b>				
Chad Studer	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Data to Design to Deliverable</b>				
Lucy Kuhns	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Lab
<b>Get the Part: AutoCAD® Civil 3D® Part Builder</b>				
Eric Chappell	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Exploit Expressions to Enhance Your Labels</b>				
Brian Hailey	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>What Does BIM for Civil Engineers Really Mean?</b>				
Melanie Santer	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Managing AutoCAD® Civil 3D® Label Styles: Control the Chaos</b>				
Kevin Breslin	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>AutoCAD® Civil 3D® and GPS Machine Control Grading</b>				
David Blanchette	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>From AutoCAD® Civil 3D® to Navisworks®</b>				
Angel Espinoza	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Producing Compelling Visualization for Civil Engineering Project Proposals</b>				
Jack Strongitharm	Thu. 12/3	8:00 am - 9:30 am	Intermediate	Power Track
<b>Detention Pond Design the Easy Way With Hydraflow Hydrographs</b>				
John Sayre	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>"Quantities Gone Wild" Using AutoCAD® Civil 3D®</b>				
John Rodriguez	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Ready, Set, Stake! Taking Civil Design to Construction</b>				
Lucy Kuhns	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Making your Autodesk® Revit® Topography Civil and Civilize the Revit Model</b>				
Daniel Chapek	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Lab
<b>Construction...the Final Frontier: Passing Design Information to Construction</b>				
Angel Espinoza	Thu. 12/3	10:00 am - 11:30 am	Intermediate	Power Track
<b>Optimize the Performance of AutoCAD® Civil 3D®</b>				
Daniel Philbrick	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>The Art of Implementing AutoCAD® Civil 3D®</b>				
SCOTT MCEACHRON	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Road to Better ROI: Transportation Infrastructure Management</b>				
Jeff Saunders	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>Cloverleaf Interchange Design With AutoCAD® Civil 3D®</b>				
Strahimir Antoljak	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Keep Change Civil with Autodesk Data Management and AutoCAD® Civil 3D®</b>				
Jeremy Lambert	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>AutoCAD® Civil 3D® Tips and Tricks</b>				
Peter Funk	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Connecting the Dots: Creating AutoCAD® Civil 3D® Surfaces with LIDAR Data</b>				
Matt Miyamoto	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>An Interstates Guide to Rest Areas</b>				
Eric Chappell	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	Power Track
<b>Subdivision Plats Made Easy: The Class</b>				
Joe Hedrick	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>BIM Without Buildings: The Civil Side</b>				
Donnie Gladfelter	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Panel
<b>Customizing Pipes:Your Hydraulic Analysis Integrated with AutoCAD® Civil 3D®</b>				
Rad Lazic	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab

## AU 2009 Classes - by Track

<b>Safer Highways with AutoCAD® Civil 3D®</b>				
Christine Conron	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Corridors Are for More than Roads: How About Parking Lots?</b>				
Bill Neuhauser	Thu. 12/3	5:00 pm - 6:30 pm	Power User	90-Minute Class
<b>Surveyors Digging Pipes! Pipe Networks for Land Surveyors</b>				
Richard Reid PLS	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Advanced Survey Features in AutoCAD® Civil 3D®</b>				
Lucy Kuhns	Thu. 12/3	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>AutoCAD® Civil 3D®: Survey Exposed!</b>				
Joe Hedrick	Tue. 12/1	1:00 pm - 2:00 pm	All Levels	Virtual Session
<b>Urban Transportation Design and AutoCAD® Civil 3D®: Real Projects, Real Challenges, and Real Solutions</b>				
Rad Lazic	Tue. 12/1	3:00 pm - 4:00 pm	All Levels	Virtual Session
<b>The Road to Success: Corridor Modeling</b>				
SCOTT MCEACHRON	Wed. 12/2	9:00 am - 10:00 am	All Levels	Virtual Session
<b>AutoCAD® Civil 3D® in a ProjectWise® World</b>				
James Wedding	Wed. 12/2	11:00 am - 12:00 pm	Advanced	Virtual Session
<b>Leveraging AutoCAD® Civil 3D® and Autodesk® Navisworks® to Bid and Build a More Efficient Project</b>				
Seth Cohen	Wed. 12/2	1:00 pm - 3:00 pm	All Levels	Virtual Session
<b>Engineering Geology with AutoCAD®: Go Solid!</b>				
Robert Marschallinger	Thu. 12/3	9:00 am - 10:00 am	Advanced	Virtual Session
<b>Wow! That Surface is Huge! Working with Large Surfaces</b>				
Kevin Faraca	Thu. 12/3	9:00 am - 10:00 am	All Levels	Virtual Session
<b>The EXPRESSway for Hydraulic Analysis</b>				
Matthew Anderson, PE	Thu. 12/3	11:00 am - 12:00 pm	All Levels	Virtual Session
<b>Dont be left out in the CODE</b>				
Chad Studer	Thu. 12/3	1:00 pm - 2:00 pm	Intermediate	Virtual Session

# AU 2009 Classes - by Track

## Construction & Real Estate

<b>"Making Autodesk® Navisworks® Work for You: Presenter, Timeliner and Clash Detective"</b>				
Zach Crumal	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>Building Information Model Collaboration from Concept to Construction</b>				
Brian Skripac	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>BIM 4 Contractors: From 2D Conversions to 3D Manipulations</b>				
Laura Handler	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Autodesk® Navisworks: Bringing Your Construction Schedule to Life</b>				
Kevin Lind	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>BIM for Construction: Connecting the Model to the Job Site and Back</b>				
Joshua Kanner	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Concrete BIM: The Use of Building Information Modeling for the Concrete Contractor</b>				
Dan Russell	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>An Introduction to Autodesk® Quantity Takeoff (QTO)</b>				
Kenny Deemer	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Quantity Takeoffs Made Easy</b>				
David Haynes	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Lab
<b>BIM 4 Contractors: Autodesk® Navisworks®, From Design To Construction To FM</b>				
David Epps	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>The Application of Autodesk® Navisworks® for Design Coordination Clash Analysis and Construction Planning on Large Building P</b>				
Ronan Collins	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>BIM Bids Only! How to Get Your Subcontractors to Bid an Autodesk® Revit® Project</b>				
Gregory Arkin	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Autodesk® Revit® Modeling Techniques for Construction and 4D Analysis</b>				
Patrick Vilella	Thu. 12/3	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Autodesk® Revit® Implementation: How to Use Revit During Construction to Increase Productivity and Profitability</b>				
Josh Lowe	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>BIM for Construction</b>				
Marc Goldman	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Panel
<b>BIM Means Business! Using Autodesk® Revit® and Navisworks® in the Project Construction Management Process, Part 1</b>				
james mckenzie	Tue. 12/1	1:00 pm - 2:00 pm	Intermediate	Virtual Session
<b>Introduction to a BIM Execution Plan</b>				
Mike Flieller	Wed. 12/2	1:00 pm - 3:00 pm	All Levels	Virtual Session
<b>Leveraging BIM with Autodesk® Quantity Takeoff</b>				
Mark Webb	Thu. 12/3	1:00 pm - 2:00 pm	Intermediate	Virtual Session

# AU 2009 Classes - by Track

## Customization & Programming

<b>Streamline the Design Process with the Autodesk® Inventor® API</b>				
Allen Gager	Tue. 12/1	8:00 am - 9:30 am	All Levels	Un-Conference
<b>.NET Programming for Civil Engineers and Surveyors</b>				
Strahimir Antoljak	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>The Basics of the Autodesk® Revit® API</b>				
Danny Polkinhorn	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Maximize the .NET in AutoCAD® .NET</b>				
Gopinath Taget Raghunath	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Good Habits for Code in Visual LISP</b>				
R. Robert Bell	Tue. 12/1	1:00 pm - 2:30 pm	Power User	90-Minute Class
<b>Going From VBA to VB.NET in 90 Minutes</b>				
Lee Ambrosius	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Lab
<b>Jigs - An Introduction to Creating Jigs Using .NET</b>				
Jerry Winters	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Fundamentals of AutoLISP®, Part 1</b>				
dave espinosa-aguilar	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	Multi Part Session
<b>AutoCAD® .NET: UI Design featuring WPF, Part 1</b>				
Fenton Webb	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	Multi Part Session
<b>Fundamentals of AutoLISP®, Part 2</b>				
dave espinosa-aguilar	Tue. 12/1	3:00 pm - 4:30 pm	All levels	Multi Part Session
<b>AutoCAD® .NET: UI Design Featuring WPF, Part 2</b>				
Fenton Webb	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	Multi Part Session
<b>Hands-on Jigging: Creating Jigs using VB.NET</b>				
Jerry Winters	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab
<b>CUI: You CAN Understand It!</b>				
Jeanne Aarhus	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>AutoCAD® .NET: Using .NET With Your LISP Applications</b>				
Wayne Brill	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Using Scripts, LISPs, VBA, and .NET to Automate, Save Time and Money, and Enforce Company Standards in AutoCAD®</b>				
michael trachtenberg	Tue. 12/1	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Deep Dive on the Autodesk® Revit API: Advanced Topics</b>				
Matt Mason	Wed. 12/2	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>API for CUIx, Runtime Ribbon, and an Introduction to WPF in AutoCAD®</b>				
Wayne Brill	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>The Weakest LINQ: Querying the AutoCAD® Database</b>				
James Johnson	Wed. 12/2	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>Creating a Ribbon Bar for AutoCAD® with VB.NET</b>				
Mike Tuersley	Wed. 12/2	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>AutoCAD® .NET: Developing for AutoCAD® Using IronPython and IronRuby</b>				
Kean Walmsley	Wed. 12/2	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>Expanding BIM with the Autodesk® Revit® API</b>				
Anthony Hauck	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
Nate Bartley; jerry milana	Wed. 12/2	1:00 pm - 2:30 pm	All levels	Multi Part Session
<b>All Things Extraction: From AutoCAD® to Databases, Excel®, and XML using .NET</b>				
Jerry Winters	Wed. 12/2	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Creating and Analyzing New Conceptual Massing Geometry With the Autodesk® Revit® API</b>				
Harry Mattison	Wed. 12/2	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Introduction to Macro Writing</b>				
Kate Morrival	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class

## AU 2009 Classes - by Track

<b>Automate Workflows Using AutoCAD® Map 3D 2010 Workflow Framework</b>					
SHARANABASAPPA REVADIGAR	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class	
<b>Taking the Step from VBA Macros to Autodesk® Inventor® Add-Ins</b>					
Brian Ekins	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>AutoCAD® APIs: The Right Tools for the Job</b>					
Fenton Webb	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class	
<b>AutoCAD® .NET: Developing a User Interface Using WinForms</b>					
Gopinath Taget Raghunath	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>Analyze Geometry of Buildings Using the Autodesk® Revit® API</b>					
Scott Conover	Wed. 12/2	5:00 pm - 6:30 pm	Advanced	90-Minute Class	
<b>The Visual LISP Editor: It's Not Just Another Notepad</b>					
Darren Young	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Lab	
<b>Using .NET 4.0 with AutoCAD®</b>					
Albert Szilvasy	Wed. 12/2	5:00 pm - 6:30 pm	Advanced	90-Minute Class	
<b>Autodesk® Revit® VSTA Writing Your First Macro: An Introduction to the Macro Manager</b>					
Jose Guia	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class	
<b>Build Powerful Workflows Using AutoCAD® Map 3D 2010 Workflow Framework API</b>					
SHARANABASAPPA REVADIGAR	Thu. 12/3	8:00 am - 9:30 am	Power User	90-Minute Lab	
<b>Easing into the Visual LISP Editor</b>					
Brian Bennett	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class	
<b>LISP: Advance Yourself Beyond a Casual Programmer</b>					
Darren Young	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class	
<b>Autodesk® Revit® API Examples from Real Office Applications</b>					
Jason Grant	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Panel	
<b>AutoCAD® VBA to .NET Migration: The Easy Way Using COM Interop</b>					
Augusto Goncalves	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class	
<b>Working With Actions and the Action Recorder</b>					
Lee Ambrosius	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Lab	
<b>An Introduction to VB.NET</b>					
Daniel Heselwood	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class	
<b>All Systems Go in the New Autodesk® Revit® MEP API</b>					
jeremy tammik	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class	
<b>.NET Command School C# Edition</b>					
Doug Goforth	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class	
<b>AutoCAD® APIs: Meet the Experts</b>					
Stephen Preston	Thu. 12/3	1:00 pm - 2:30 pm	Advanced	90-Minute Panel	
<b>The AutoLISP® Crash Course</b>					
Robert Green	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class	
<b>VSTA: The Future Is Here in Autodesk® Revit®</b>					
Jerry Winters	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class	
<b>Introduction to Autodesk® Inventor® API and Assemblies</b>					
Wayne Brill	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>Hands-On Introduction to C# .NET</b>					
Jerry Winters	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Lab	
<b>.NET Command School, VB Edition</b>					
Doug Goforth	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>Taking a Look at the Sheet Set Object with VB.NET</b>					
Lee Ambrosius	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class	
<b>How the Autodesk® Revit® API Has Saved Our Company Time and Money—and How It Can Do the Same for Yours</b>					
Rod Howarth	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class	
<b>Generate DWG, DWF¢ and Raster from FDO and Autodesk® Mapguide® Open Source</b>					
Clayton Hotson	Thu. 12/3	5:00 pm - 6:30 pm	Advanced	90-Minute Class	

## AU 2009 Classes - by Track

<b>Getting Started with AutoCAD® Civil 3D® Application Programming Using .NET</b>				
Peter Funk	Tue. 12/1	1:00 pm - 2:00 pm	Intermediate	Virtual Session
<b>The New Autodesk® Revit® Family API: Everything is Relative</b>				
jeremy tammik	Tue. 12/1	3:00 pm - 4:00 pm	Intermediate	Virtual Session
<b>Making VB.NET as Easy as VBA</b>				
Jerry Winters	Wed. 12/2	9:00 am - 10:00 am	Intermediate	Virtual Session
<b>AutoCAD® .NET: Zero to 3D in 90 Minutes</b>				
Fenton Webb	Wed. 12/2	11:00 am - 12:00 pm	Intermediate	Virtual Session
<b>AutoCAD® .NET: Developing for AutoCAD Using F#</b>				
Kean Walmsley	Wed. 12/2	1:00 pm - 3:00 pm	Advanced	Virtual Session
<b>Upgrading Your Autodesk® Inventor® Add-Ins to Use the New Ribbon User Interface</b>				
Brian Ekins	Thu. 12/3	9:00 am - 10:00 am	Intermediate	Virtual Session
<b>Store It in the DWG: XData, Extension Dictionaries, and Object Data Through .NET</b>				
Jerry Winters	Thu. 12/3	9:00 am - 10:00 am	Advanced	Virtual Session
<b>AutoLISP®: Beyond the Basics</b>				
Robert Green	Thu. 12/3	9:00 am - 10:00 am	Advanced	Virtual Session
<b>Customizing Entity Behavior in AutoCAD® .NET</b>				
Stephen Preston	Thu. 12/3	11:00 am - 12:00 pm	Advanced	Virtual Session
<b>Using the FDO API in C# .NET</b>				
Scott McFarlane	Thu. 12/3	1:00 pm - 2:00 pm	Advanced	Virtual Session
<b>Extended Entity Data</b>				
Bill Fane	Thu. 12/3	1:00 pm - 2:00 pm	Intermediate	Virtual Session

# AU 2009 Classes - by Track

## Design Leadership

Charlie Busa

Tue. 12/1

5:00 pm - 6:30 pm

All Levels

90-Minute Panel

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# AU 2009 Classes - by Track

## Design Visualization

<b>Imaging Terrain in 3D with Autodesk® 3ds Max®, AutoCAD® Civil 3D®, and AutoCAD Raster Design</b>				
Luis Morillo	Tue. 12/1	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Appropriate Daylight Metrics: Using Autodesk® 3ds Max® to Measure Real Daylight Performance</b>				
Michael Donn	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Visually-Pleasing Stereoscopic Imagery for Design Visualization</b>				
Jason Walter	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Optimizing Your Autodesk® 3ds Max® Design to Newport Workflow</b>				
Mark Kauffman	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Old McDonald Built a Render Farm</b>				
Johnny Chloride	Tue. 12/1	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>How to Win More Work and Impress Existing Clients Using Autodesk® Revit® and 3ds Max® Design Together for High-End Rendering</b>				
Jason Howden	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Advanced Visualization Using Autodesk® Showcase® and Maya®</b>				
Chris Hall	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Daylight and Lighting Analysis with Autodesk® 3ds Max® Design 2010</b>				
Pierre-Felix Breton	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Advanced Entourage for High-End Visualization</b>				
John Shulters	Wed. 12/2	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>Capturing and Acquiring Appearances of Real World Materials for Improved Accuracy in Renderings</b>				
Pierre-Felix Breton	Wed. 12/2	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Detailing and Animation for Industrial Design Projects with Autodesk® Maya® and Mudbox®</b>				
Marcel de Jong	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Taking your Autodesk® Revit® and 3ds Max® Architectural Visualizations to a Whole New Level Using Game Engine Environments</b>				
marcello sgambelluri	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Surviving Large Scale Architectural Visualization in Autodesk® 3ds Max®</b>				
Eric Mitchell	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Re-Inventor®-ing in Autodesk® 3ds Max® Design</b>				
Stephen Gabriel	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>The 12 Principles of Animation Applied to Visualization</b>				
Louis Marcoux	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Non-Photorealistic Rendering Techniques with Autodesk® 3ds Max®</b>				
gary m davis	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Converting Double-Precision Coordinate Data to Single-Precision and Back Again</b>				
Mark Kauffman	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Effective Design Presentations with Autodesk® Showcase® Professional 2010</b>				
Dan Dutkay	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Lab
<b>Welcome to the New Autodesk® 3ds Max® 2010 and 3ds Max Design 2010</b>				
Eddie Perlberg	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Creating an Engaging Presentation in Newport</b>				
Dan Dutkay	Thu. 12/3	1:00 pm - 2:30 pm	Advanced	90-Minute Lab
<b>Realistic 3D Characters from Autodesk® 3ds Max® and Maya® using MotionBuilder® 2009</b>				
Alfredo Villalobos	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Best Practices: Using Autodesk® 3ds Max® Design to Build Content for Online Commerce</b>				
NOAH KENNEDY	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Making Autodesk® Products Sing the Interoperability Highway Song</b>				
Steve Bennett	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Diversify Visually with AutoCAD® Civil 3D®</b>				
Chad Studer	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Autodesk® Maya® for Conceptual Design</b>				
Ming Tang	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class

## AU 2009 Classes - by Track

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**Artists Gone Mental: Harnessing mental ray® for V-Ray® Users**

Patrick Vilella	Tue. 12/1	3:00 pm - 4:00 pm	Advanced	Virtual Session
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**Basic MaxScript for Architectural Visualization**

Nils Norgren	Wed. 12/2	11:00 am - 12:00 pm	All Levels	Virtual Session
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**Parametric Design Modeling with Autodesk® 3ds Max®**

David Fano	Wed. 12/2	11:00 am - 12:00 pm	Intermediate	Virtual Session
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# AU 2009 Classes - by Track

## Education & Learning

<b>Integrating Creativity and Technology in the Classroom</b>				
Linda Sellheim	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Using BIM in an Integrated Educational Environment</b>				
Anthony Denzer	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Digital Prototyping and the Future of the Engineering Student</b>				
Thomas Tremblay	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Teaching BIM: Best Practices for Integrating BIM into Architectural Curriculum?</b>				
Nancy Brown	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Hands-On Digital Prototyping</b>				
mike santolupo	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Lab
<b>Thrive with the Certification Advantage</b>				
Janice Miller	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Create the Magic like Disney Does with Tif and Tiff</b>				
Tiffany Tucker	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Implementing CAD Standards in Educational Settings</b>				
Chris Groves	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>CAD Training That STICKS (Sustainability, Technique, Interoperability, Curricula, Kinetics, Success)</b>				
Nancy Tremblay	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Industrial Design and Mechanical Engineering: Bridging the Great Divide</b>				
Roxie Hecker - ACTUAL SPEAKER TBD	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Creativity in Design Education: Transitioning From Intuitive Creativity to Digital Solutions</b>				
stephen stott	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Panel
<b>What Industry Needs From Their Newest Employees</b>				
Alissa Perlstein	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Panel
<b>Simulating the Collaborative Design Process in Higher Education Through a Case Study of Multidisciplinary Integrated Project</b>				
Eric Dunn	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Your Professor Should be Able to Help You: EngineersRule.com</b>				
J.D. Mather	Tue. 12/1	3:00 pm - 4:00 pm	All Levels	Virtual Session
<b>Teaching in the Virtual Classroom: Tools, Tips and Techniques for eLearning</b>				
don schwartz	Thu. 12/3	9:00 am - 10:00 am	All Levels	Virtual Session
<b>Incorporating Software Simulation Into Web-Based Training</b>				
Dan Leighton	Thu. 12/3	11:00 am - 12:00 pm	All Levels	Virtual Session

# AU 2009 Classes - by Track

## Facilities Management

<b>BIM and FM: Bridging the Divide</b>				
Joseph Wurcher	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Real-World Traction with Green Buildings</b>				
Joseph Wurcher	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>From Lonely BIM to Social BIM: Moving Beyond Design to FM</b>				
Sean Benson	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>BIM to FM: The Emerging Art</b>				
Mark Evans	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	Un-Conference
<b>A Scanner Darkly: Making Use of Laser Scanning for Design and Construction</b>				
Beau Turner	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Panel
<b>Integrating Your A/E Consultant's Autodesk® Revit® Models into Facility Management</b>				
David Spehar	Thu. 12/3	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>Get Your Autodesk® Revit® Model Ready for FM</b>				
David Spehar	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	Power Track
<b>Revit Architecture and Facilities Management: What's in Your Toolbox?</b>				
Clyne Curtis	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab
<b>Using Autodesk® Revit® as an FM Tool: Does That Make AutoCAD® a Bit of a Dinosaur?</b>				
Shaun Bryant	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Don't Get Floored In Your Facility: Autodesk® Revit® Architecture as an Effective Facilities Management Tool</b>				
Christopher Fernandez	Tue. 12/1	1:00 pm - 2:00 pm	Advanced	Virtual Session

# AU 2009 Classes - by Track

## Geospatial

<b>From CAD to Autodesk® Topobase®: Migration to Enterprise GIS</b>				
Louis Ball	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>From AutoCAD® Map 3D to Autodesk MapGuide® in Three Simple Steps: Connect, Stylize, Publish</b>				
Warren Medernach	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Classy Mapping: AutoCAD® Map 3D Feature Classification</b>				
Bob Hayes	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Lab
<b>Raster Imagery for Mapping and Land Development Professionals</b>				
David Zavislan	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Hands-On Design Using Autodesk® Utility Design</b>				
Dan Leighton	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab
<b>The Billion Dollar Opportunity: A Workshop on CAD/GIS Integration</b>				
Michael Schlosser	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	Un-Conference
<b>Tie a Grey-Striped Ribbon Round My New Map Tree: Exploring the Ribbon and Other New Functionality in AutoCAD® Map 3D 2010</b>				
Ron Couillard	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>AutoCAD® Map 3D: The Swiss Army Knife You All Need</b>				
Gary Rosen	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Stylish Maps Made Easy: AutoCAD® Map 3D Display Manager</b>				
Bob Hayes	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Lab
<b>Managing Highways Assets with Autodesk® Topobase®</b>				
Barry Hall	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>ORA...What?! Using Oracle® with AutoCAD® Map 3D and Autodesk Mapguide® Enterprise</b>				
mark volz	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>sss</b>				
Bradford Heasley	Wed. 12/2	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Fast Track to Building Your First Autodesk MapGuide® Enterprise Site</b>				
Andrew Morsell	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Spatial Databases with AutoCAD® Map 3D and Autodek MapGuide®</b>				
Gordon Lockett	Wed. 12/2	5:00 pm - 6:30 pm	Power User	90-Minute Class
<b>Autodesk® LandXplorer® Software Family: A Closer Look</b>				
Lynda Sharkey	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Using the Geospatial Platform API in AutoCAD® Map 3D and Autodesk MapGuide®</b>				
Scott McFarlane	Thu. 12/3	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>3D at the City of Vancouver:The Road to Being a Digital City</b>				
Dan Campbell	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Leverage Autodesk® Software and Business Intelligence to Plan Proactively and Reduce Enormous Infrastructure Life Cycle Costs</b>				
Jeremiah Bowles	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Stylize It: The AutoCAD® Map 3D Display Manager</b>				
Alexander Wood	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Lab
<b>Analyze This! How to Use AutoCAD® Map 3D for Geospatial Analysis</b>				
Michael Schlosser	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Using AutoCAD® Map 3D Tools to Ingest Point Cloud Data</b>				
Nathan Moore	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Lab
Neil Brooker	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Autodesk® Topobase® 2010: A Dynamic Live GIS for a Growing City</b>				
Wayne Lindsay	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>3D Facility Management Based on CityGML</b>				
Andreas Donaubaer	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Integrating GIS and CAD Data with the FME FDO Provider</b>				
Dale Lutz	Tue. 12/1	3:00 pm - 4:00 pm	All Levels	Virtual Session

## AU 2009 Classes - by Track

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**Dynamic Authoring with Autodesk MapGuide® Enterprise**

Scott McFarlane	Wed. 12/2	9:00 am - 10:00 am	Intermediate	Virtual Session
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**Autodesk® Topobase® Tips and Tricks**

Derrick Oswald	Wed. 12/2	11:00 am - 12:00 pm	All Levels	Virtual Session
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**Using AutoCAD® Map 3D and LiDAR Data to Enhance 3D Maps and Designs**

Justin Lokitz	Thu. 12/3	11:00 am - 12:00 pm	All Levels	Virtual Session
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# AU 2009 Classes - by Track

## Industrial Design

<b>Surface Construction</b>				
Barry Kimball	Tue. 12/1	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Conquering the Most Difficult Surface Challenges with Autodesk® Alias®</b>				
uwe rossbacher	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Discovering Class A Techniques With Autodesk® Alias®</b>				
uwe rossbacher	Tue. 12/1	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Driving Aesthetics with Autodesk® Alias® Modeling</b>				
Barry Kimball	Tue. 12/1	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Come On...Why Aren't You Using Digital Paper?</b>				
Andrew Meehan	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Confluence: The Merging of Industrial Design and Engineering</b>				
Jamie Gilchrist	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Creative Professional Technology Preview and Vision</b>				
Christopher Cheung	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Taking 2D Beyond Documentation</b>				
Paul Lebovitz	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>The Voodoo Magic of the Green "C"</b>				
Lee Ratliff	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Creative Shape Exploration in Autodesk® Inventor®</b>				
Kevin Richards	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Product Narratives: Telling the Complete Story of What Your Design Is All About</b>				
Max Sims	Thu. 12/3	9:00 am - 10:00 am	Intermediate	Virtual Session
<b>Engineer Marketing With Autodesk® Showcase®</b>				
Mike Prom	Thu. 12/3	1:00 pm - 2:00 pm	Power User	Virtual Session

# AU 2009 Classes - by Track

## Manufacturing

<b>Industrial Design Methodology for the Masses</b>				
Kevin Richards	Tue. 12/1	8:00 am - 9:30 am	All Levels	Design Leadership
<b>Creating and Using AutoCAD® Inventor® iParts and iMates</b>				
Bill Fane	Tue. 12/1	8:00 am - 9:30 am	Intermediate	Power Track
<b>Showcase Your Design</b>				
Stephen Gabriel	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Lab
<b>Setting Up Autodesk® Vault Manufacturing for AutoCAD® Electrical</b>				
Randy Brunette	Tue. 12/1	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Secrets to Passing the AutoCAD® Certification Exams Revealed!</b>				
matt murphy	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Effective Use of Representations in Autodesk® Inventor®</b>				
Paul Normand	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>Real Life Applications: Practical Engineering Purposes for AutoCAD® Electrical (Its Not Just for Drafting)</b>				
Elvis Sverko	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Autodesk® Inventor® 2010 Certified Associate and Professional Exam Preparation Class</b>				
Dan Banach	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>A Sneak Peek: The Next Release of Autodesk® Inventor®</b>				
Garin Gardiner	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Selective Productivity, Autodesk® Inventor® Selection Filters</b>				
Allen Gager	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	Power Track
<b>Parametric and Intelligent Content Libraries with AutoCAD® Mechanical</b>				
Lakshmanan Lakshmanan	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Lab
<b>Digital Prototyping: The Rosetta Stone</b>				
Jay Tedeschi	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>AutoCAD® Electrical Power Tools for Power Users</b>				
Rob Stein	Tue. 12/1	3:00 pm - 4:30 pm	Power User	90-Minute Class
<b>Strategies in Designing Plastic Products That Are Lightweight, Strong, and Green (Sustainable)</b>				
Hanno van Raalte	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Best Practices in Plastic Part and Mold Design</b>				
Murali Annareddy	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>The Convergence of BIM and Digital Prototyping</b>				
Robert Cohee	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Techniques for Factory Layout Development</b>				
Jason Hosch	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>3D Product Documentation</b>				
Abhijit Singh	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Sustainable Product Design in Digital Prototyping</b>				
Roxie Hecker - ACTUAL SPEAKER TBD	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>The iLogical Course: Theyll be Calling You a Radical!</b>				
Sam Antos	Wed. 12/2	8:00 am - 9:30 am	Intermediate	Power Track
<b>A Quick Spin on AutoCAD® Electrical 2010</b>				
Randy Brunette	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Lab
<b>Overview of Plastics in Consumer, Auto/Transport, and Building Products</b>				
Nick Smith	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>AutoCAD® Electrical: Terminal Velocity</b>				
Nicole Morris	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Autodesk® Inventor® Simulation R2011 Sneak Peek</b>				
Peter Maxfield	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>CAD Manager's Guide to Document Management with the Autodesk® Family of Products, Part 1</b>				
Pascal Le Guellec	Wed. 12/2	8:00 am - 9:30 am	All levels	90-Minute Class

## AU 2009 Classes - by Track

<b>Using Dynamic Simulator to Prove Your Design</b>				
Rollin Godette	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Surface Modeling from A to Z with Autodesk® Inventor® 2010</b>				
Jay Tedeschi	Wed. 12/2	10:00 am - 11:30 am	All Levels	Power Track
<b>Plastic Part and Mold Design Validation Using Autodesk® Moldflow® Software</b>				
Brian Sather	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Lab
<b>Revealed: The Secrets of AutoCAD® Inventor® Derived Parts</b>				
Bill Fane	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Using Autodesk® Vault for Collaboration Between Purchaser and Suppliers</b>				
Driss Yammouri	Wed. 12/2	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>CAD Manager's Guide to Document Management with the Autodesk® Family of Products, Part 2</b>				
Pascal Le Guellec	Wed. 12/2	10:00 am - 11:30 am	All levels	90-Minute Class
<b>Digital Manufacturing: Know It's Right Before It Leaves the Building</b>				
Chris Hall	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Holy Sheet Metal! Making the Most of Autodesk® Inventor® 2010 Sheet Metal Features</b>				
Thomas Tremblay	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	Power Track
<b>Mechanical Simulation with Autodesk® Inventor® Professional</b>				
Shakeel MIRZA	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Lab
<b>Creating 3D Factory Floor Layouts</b>				
Shibai Bagchi	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>An Overview of In-Mold Assembly, Multi-shot Molding, and Other Advanced Plastics Injection Molding Techniques</b>				
Jon Toy	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>The New Kid in Town: Autodesk® Inventor® in Consumer Products</b>				
Jamie Gilchrist	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Don't Give Me Any Static: Using Stress Analysis to Measure Static Loads</b>				
Rollin Godette	Wed. 12/2	5:00 pm - 6:30 pm	Advanced	Power Track
<b>Finding the Logic in iLogic: Hands On</b>				
Eric Robb	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab
<b>Success Instead of Stress: Controlling Mechanical Standards</b>				
Colleen Klein	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Content is King: Working with Autodesk® Inventor® and Autodesk Revit®</b>				
Beau Turner	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Panel
<b>Injection Mold Design Using Autodesk® Inventor® Tooling</b>				
Brian Sather	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Introduction to 3D Mechanical Design with AutoCAD® Inventor LT</b>				
Sam Antos	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Lab
<b>AutoCAD® Electrical 2010 Unplugged</b>				
Rob Stein	Thu. 12/3	8:00 am - 9:30 am	All Levels	Un-Conference
<b>Autodesk® Vault Manufacturing to SAP® made easy</b>				
Klaus LOERINCZ	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Take Charge of AutoCAD® Mechanical Content</b>				
Jim Swain	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Digital Prototyping: Simulate More with Autodesk® Algor®</b>				
Michael Smell	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>AutoCAD® Electrical: Be a Panel Builder Expert</b>				
Jim Swain	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Cheating Large Assemblies</b>				
Andy Warren	Thu. 12/3	10:00 am - 11:30 am	All Levels	Power Track
<b>Instant Productivity With the AutoCAD® Mechanical Basics</b>				
Kevin Robinson	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Using Autodesk® Inventor® Fusion Technology Preview</b>				
Kevin Schneider	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class

# AU 2009 Classes - by Track

<b>BOM for Free: Bringing DWG Data Forward into AutoCAD® Mechanical</b>				
Andrew de Leon	Thu. 12/3	10:00 am - 11:30 am	All Levels	90-Minute Class
<b>Design Optimization Via Simulation</b>				
Peter Maxfield	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Its Not Sign Language: Designing Custom Sketched Symbols in Drawings Using Autodesk® Inventor®.</b>				
Mark Flayler	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	Power Track
<b>Adaptive Designs</b>				
Kevin Smedley	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Lab
<b>ACM means AutoCAD® and More!</b>				
Jim Swain	Thu. 12/3	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Improving a Da Vinci Design Using Autodesk® Inventor®</b>				
justin hoey	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Putting a Little Style Into Your Autodesk® Inventor® Designs</b>				
Andrew Faix	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	Power Track
<b>I've Been Framed! Using the Autodesk® Inventor® Frame Generator and Weldments</b>				
Rollin Godette	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	90-Minute Lab
<b>AutoCAD® Electrical Customization: Special Ops-Mission 1</b>				
Randy Brunette	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Building Fabrication: A Peek Behind the Curtain...Wall</b>				
Robert Cohee	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Become the Master: New Multibody Modeling Technique in Autodesk® Inventor® 2010</b>				
ralph hartmann	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Integrating Autodesk® Vault Manufacturing with Enterprise Applications</b>				
Jim Dodds	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Taking the Dysfunction Out of Your Autodesk® Revit® Families: Best Practices for Manufacturer BIM Content</b>				
Shawn Zirbes	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Mechatronics Superhero</b>				
Mike Prom	Thu. 12/3	5:00 pm - 6:30 pm	Advanced	90-Minute Class
<b>Cracking the Vault</b>				
Hywell Herrero	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Digital Prototyping for the Factory Floor</b>				
Shibai Bagchi	Tue. 12/1	1:00 pm - 2:00 pm	Intermediate	Virtual Session
<b>Cashing In on the Vault and Retrieving the Treasures</b>				
Allen Gager	Tue. 12/1	1:00 pm - 2:00 pm	All Levels	Virtual Session
<b>Hold that Pose! Still Imagery With Autodesk® Inventor® Studio</b>				
Mark Flayler	Tue. 12/1	3:00 pm - 4:00 pm	All Levels	Virtual Session
<b>3D Product Documentation</b>				
Abhijit Singh	Tue. 12/1	3:00 pm - 4:00 pm	Intermediate	Virtual Session
<b>Capturing Design Intent in Autodesk® Inventor® Using Construction Geometry</b>				
David Piggott	Wed. 12/2	9:00 am - 10:00 am	All Levels	Virtual Session
<b>Mechanical Simulation: An Overview</b>				
tomi Mossessian	Wed. 12/2	9:00 am - 10:00 am	All Levels	Virtual Session
<b>Migrating from AutoCAD® to AutoCAD Electrical</b>				
Randy Brunette	Wed. 12/2	11:00 am - 12:00 pm	All Levels	Virtual Session
<b>Wild, Wacky, and Wonderful Things You Can Make in Autodesk® Inventor®</b>				
Anthony Dudek	Wed. 12/2	1:00 pm - 3:00 pm	All Levels	Virtual Session
<b>A Day in the Life with Autodesk® Vault Workgroup</b>				
Brian Schanen	Wed. 12/2	1:00 pm - 3:00 pm	All Levels	Virtual Session
<b>What's New in AutoCAD® Mechanical 2010: Tips and Tricks</b>				
Shaan Hurley	Thu. 12/3	9:00 am - 10:00 am	All Levels	Virtual Session
<b>Stop Stringing It! Digitally Prototype Those Wires and Harnesses</b>				
Mike Carlson	Thu. 12/3	11:00 am - 12:00 pm	Intermediate	Virtual Session

## AU 2009 Classes - by Track

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**Digital Prototyping: Validate and Optimize Your Designs with Autodesk® Algor®**

Michael Smell	Thu. 12/3	11:00 am - 12:00 pm	All Levels	Virtual Session
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**AutoCAD® Mechanical: Something Old and Something New**

Colleen Klein	Thu. 12/3	1:00 pm - 2:00 pm	All Levels	Virtual Session
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**AutoCAD® Electrical 2010 Ribbons unWrapped**

Rob Stein	Thu. 12/3	1:00 pm - 2:00 pm	All Levels	Virtual Session
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# AU 2009 Classes - by Track

## MEP Design & Engineering

<b>The Key Is in the Content: Plumbing Families</b>				
Jarrold Baumann	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>New Tips and Tricks for Piping in AutoCAD® MEP</b>				
Gregg Stanley	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>An In-Depth Look at Autodesk® Revit® MEP/FP Content From an Engineer's Perspective</b>				
Christopher Di Iorio	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>The Key is in the Content: Electrical Families</b>				
Joel Londenberg	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>All About the Basics: Piping and Plumbing for AutoCAD® MEP 2010</b>				
Phil Nower	Tue. 12/1	1:00 pm - 2:30 pm	Power User	90-Minute Class
<b>Making the Leap From AutoCAD® MEP to Revit® MEP</b>				
Chris Chase	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Working in a Dual CAD Program Environment</b>				
David Butts	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>It Finally Flows Downhill: Sloped Piping in AutoCAD® MEP 2010</b>				
Gregg Stanley	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
Skander Spies	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	Design Leadership
<b>Autodesk® Revit® MEP and Navisworks® on a Large Project?! We Can Do That!!!</b>				
Richard Pavlak	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Extreme Revit® Families: Amazing Arithmetic In Monster Models...That Performs!</b>				
Adam Pointer	Tue. 12/1	5:00 pm - 6:30 pm	Power User	90-Minute Class
<b>Coordinating Architectural Models in Autodesk® Revit® MEP</b>				
Eric Kuszewski	Wed. 12/2	8:00 am - 9:30 am	All Levels	Power Track
<b>Blue Ribbon Editing for AutoCAD® MEP and Integrated Project Delivery</b>				
David Butts	Wed. 12/2	8:00 am - 9:30 am	Power User	90-Minute Lab
<b>From Contract to Construction Documents with Revit® MEP</b>				
Jarrold Baumann	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Fully Documenting a Project in Autodesk® Revit® MEP: An Implementation Strategy</b>				
Simon Whitbread	Wed. 12/2	1:00 pm - 2:30 pm	Power User	Power Track
<b>AutoCAD® MEP 2010 Advanced Tips and Tricks</b>				
David Butts	Wed. 12/2	1:00 pm - 2:30 pm	Power User	90-Minute Lab
David Quigley	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Advanced Building Analysis Using Autodesk® Revit® MEP, Ecotect® and IES Virtual Environment</b>				
Andrew Bagnall	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Setting Up Your Project in Autodesk® Revit MEP</b>				
Michael Schinn	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Creating Intelligent Electrical Drawings on AutoCAD® MEP 2010</b>				
Mario Perez	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Real Life Plumbing Design in Autodesk® Revit® MEP</b>				
Amelia McCracken	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Mastering AutoCAD® MEP: Ask the Experts</b>				
Paul Aubin	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Panel
<b>AutoCAD MEP: Setting Up for Mechanical Designs</b>				
Beth Powell	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Lab
<b>How to Use BIM Tools for Aiding the Development of Energy Audits for Performance Contracting</b>				
Mitch Dec	Thu. 12/3	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Parametric Fitting and Equipment Content Creation for AutoCAD® MEP</b>				
Darryl McClelland	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>How to Plan for Success in Your BIM Projects</b>				
Andrew Bagnall	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class

## AU 2009 Classes - by Track

<b>AutoCAD® MEP Tips and Tricks for Ductwork and Piping</b>				
Darryl McClelland	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Heating and Cooling Load Calculations and Energy Model Development from an Autodesk® Revit® MEP Model Utilizing gbXML</b>				
Phillip Cunningham	Thu. 12/3	10:00 am - 11:30 am	Advanced	90-Minute Class
<b>Integrated Project Delivery and Energy Efficient Design</b>				
Aryn Bergman	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	Power Track
<b>The Key is in the Content: HVAC Families</b>				
Joel Londenberg	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Lab
<b>Autodesk® Revit® MEP 2010: Powerful Tips and Tricks</b>				
David Butts	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>The Real Engineers Workflow: MEP Massing for Pre-Design Analysis</b>				
Simon Whitbread	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Duct, Duct, Route! Getting Your Ducts in a Row! HVAC System Designs in Autodesk® Revit® MEP</b>				
Michael Schinn	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Lab
<b>Display System for AutoCAD® MEP: A Detailed Dive into Display Manager</b>				
Gregg Stanley	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Implementing 3D Design on Water and Wastewater Projects</b>				
John Morgan	Thu. 12/3	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Creating Electrical Panel Schedules in AutoCAD® MEP</b>				
Mario Perez	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Implementing Autodesk® Revit® MEP: A to Z</b>				
todd shackelford	Thu. 12/3	5:00 pm - 6:30 pm	Intermediate	90-Minute Class

# AU 2009 Classes - by Track

## Plant Design

<b>Introduction to AutoCAD® P&amp;ID</b>				
Ursula Sadiq	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Introduction to Plant 3D: Process Piping, Structural, and Equipment</b>				
Dave Mendez	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Autodesk® Vault and Design Review: Managing the Change in P&amp;IDs</b>				
Siva Thankappan	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>AutoCAD® P&amp;ID Customization: Everything From Tags and Annotations to Symbols</b>				
Mangesh Kalbhor	Wed. 12/2	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Executing a First Project in AutoCAD® Plant 3D</b>				
Peter Quinn	Wed. 12/2	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Successful Projects Using AutoCAD® P&amp;ID</b>				
Greg Hoover	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab

# AU 2009 Classes - by Track

## Structural Design & Engineering

<b>Essential Autodesk® Revit® Structure Project Template Techniques</b>				
Christopher Fernandez	Tue. 12/1	8:00 am - 9:30 am	Advanced	90-Minute Class
<b>Maximize the Use of Autodesk® Revit® Structure Extensions</b>				
George Ikonomakis	Tue. 12/1	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Altiscad Optimizer®: Visual Exploration of Optimization in Autodesk® Robot® Structural Analysis</b>				
Gheorghe Ionica	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Utilizing Autodesk® Revit® Structure to Model and Document Concrete Reinforcing</b>				
Michael W. Sullivan	Tue. 12/1	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>The power of API: Advanced Plastic Investigation of Reinforced Concrete Elements Using Autodesk® Robot® and Revit® Structure</b>				
Gheorghe Ionica	Tue. 12/1	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Using Autodesk® Revit® Structure for Engineering Managers</b>				
David Odeh	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Preparing Autodesk® Revit® Structure Models for Analysis in Robot® Structural Analysis</b>				
James Lupton	Tue. 12/1	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Sharing Autodesk® Revit® Models: Best Practices</b>				
Erleen Hatfield	Tue. 12/1	5:00 pm - 6:30 pm	All Levels	Power Track
<b>A Quick Spin on Autodesk® Revit® Structure</b>				
Thomas Weir	Tue. 12/1	5:00 pm - 6:30 pm	Intermediate	90-Minute Lab
<b>Leveraging Autodesk® Revit® Structure as an Engineer</b>				
Dezi Ratley	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Concrete Reinforcement with Autodesk® Revit® Structure and Robot® Structural Analysis</b>				
Brian Johnson	Wed. 12/2	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Autodesk® Revit® Structure: A New Approach to Structural Design Integration</b>				
Kevin Lea	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Evaluating, Designing, and Creating Design Applications for AutoCAD® Revit® Structure: You Can Do This!</b>				
Mike King	Wed. 12/2	1:00 pm - 2:30 pm	Advanced	90-Minute Class
<b>Structure or Standards? Do Both!</b>				
David Harrington	Wed. 12/2	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>Advanced Structural Assemblies and Data Delivery with Autodesk® Revit® Structure</b>				
Anthony Buccellato	Wed. 12/2	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Not All Trusses Require the Autodesk® Revit® Structure Truss Tool</b>				
Nick Hugley	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Reading Between the Reference Lines</b>				
Brian Mackey	Wed. 12/2	5:00 pm - 6:30 pm	Intermediate	90-Minute Class
<b>Integrated Modeling for Successful Project Delivery Using Autodesk® Revit®</b>				
David Odeh	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Class
<b>Yes! You Can Document Your Autodesk® Revit® Structure Model</b>				
Jonathan Brazier	Thu. 12/3	8:00 am - 9:30 am	Intermediate	90-Minute Lab
<b>Using Autodesk® Revit® Structure to Reduce Labor and Maximize Benefits</b>				
Joy Beers SE LEED AP	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Streamlined Structural Analysis Using Autodesk® Revit® Structure and RISA®</b>				
Deborah Brisbin	Thu. 12/3	10:00 am - 11:30 am	Intermediate	Power Track
<b>Advanced Autodesk® Revit® Families for Structural Engineering and Design: The Lab!</b>				
Steve Mintz	Thu. 12/3	10:00 am - 11:30 am	Advanced	90-Minute Lab
<b>Using Shared Parameters in Autodesk® Revit® Structure</b>				
Nick Hugley	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Designing Structures in Autodesk® Revit®</b>				
Adam Sheather	Thu. 12/3	1:00 pm - 2:30 pm	Intermediate	90-Minute Class
<b>Structural Detail Components: What They Didn't Tell You</b>				
Adam Sheather	Thu. 12/3	3:00 pm - 4:30 pm	Intermediate	90-Minute Class

## AU 2009 Classes - by Track

<b>Manage Details, Sheet Templates, and Their Interoperability with Autodesk® Revit® Architecture and Revit Structure</b>				
darick brokaw	Thu. 12/3	3:00 pm - 4:30 pm	Advanced	90-Minute Class
<b>Bridge Engineering and Its 3D Design Challenges</b>				
Marie-Pierre Lebel	Thu. 12/3	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Pushing Autodesk® Revit® to Its Limits: Creating Non-building Revit Families</b>				
marcello sgambelluri	Thu. 12/3	5:00 pm - 6:30 pm	Power User	90-Minute Class
<b>Modeling Complex Surfaces and Structures Using the New Modeling Tools for Autodesk® Revit® 2010</b>				
marcello sgambelluri	Tue. 12/1	1:00 pm - 2:00 pm	Intermediate	Virtual Session
<b>An Overview of the Composite Design Capabilities of Autodesk® Revit® Structure and Robot® Structural Analysis 2010 Products</b>				
David Odeh	Wed. 12/2	9:00 am - 10:00 am	Intermediate	Virtual Session
<b>A Bridge to Anywhere: How to use the Autodesk® Revit® Structure Bridge Toolkit</b>				
Patrick Villella	Wed. 12/2	11:00 am - 12:00 pm	All Levels	Virtual Session
<b>AutoCAD® Structural Detailing Standards and Template Development</b>				
Adam Sheather	Wed. 12/2	1:00 pm - 3:00 pm	All Levels	Virtual Session
<b>Customize the Autodesk® Revit® Graphical Column Schedule for Large and Complex Projects</b>				
Fares Ghannam	Thu. 12/3	11:00 am - 12:00 pm	Power User	Virtual Session
<b>Structural Design Using Autodesk® Robot® Structural Analysis</b>				
Brian Johnson	Thu. 12/3	1:00 pm - 2:00 pm	Intermediate	Virtual Session

# AU 2009 Classes - by Track

## Utility & Telecommunication

<b>Bringing Mobile Field Updates into AutoCAD® Map 3D Effortlessly</b>				
Glenn Vlass	Tue. 12/1	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Using AutoCAD® Map 3D as an S.U.V. (Software Utility Vehicle): Utility Design in Map 3D 2010</b>				
Ron Couillard	Tue. 12/1	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>GIS for the Utility or Municipality with AutoCAD® Map 3D</b>				
Rick Chappell	Tue. 12/1	3:00 pm - 4:30 pm	All Levels	90-Minute Class
<b>CAD, GIS, ERP and Web Integration at Ergon Energy</b>				
mark volz	Tue. 12/1	5:00 pm - 6:30 pm	Power User	90-Minute Class
<b>Using AutoCAD® Inventor® to Electrify the Grid</b>				
Andy Warren	Wed. 12/2	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Spatial Analysis in a CAD-Driven GIS</b>				
Tim Jones	Wed. 12/2	1:00 pm - 2:30 pm	All Levels	90-Minute Class
<b>Managing Utility Network Connectivity with Autodesk® Topobase®</b>				
Doug Laslo	Wed. 12/2	3:00 pm - 4:30 pm	Intermediate	90-Minute Class
<b>Autodesk Utility Design at APS, Phase 2 : What the Heck Did We Do in 2009?</b>				
Richard Hammitt	Wed. 12/2	5:00 pm - 6:30 pm	All Levels	90-Minute Class
<b>Integrate Autodesk® Topobase® with other systems and get more value out of your data</b>				
Sebastian Baumhekel	Thu. 12/3	8:00 am - 9:30 am	All Levels	90-Minute Class
<b>Water and Wastewater Network Management Using Autodesk Topobase®, AutoCAD® Map 3D and MapGuide® Enterprise</b>				
Pat Byrne	Thu. 12/3	10:00 am - 11:30 am	Intermediate	90-Minute Class
<b>Manage Electric Utility Assets and Designs with Autodesk® Topobase® and AutoCAD® Map 3D: A Case Study</b>				
Peter Krotky	Thu. 12/3	1:00 pm - 2:30 pm	All Levels	90-Minute Panel
<b>Mapping Water Quality with RESTful Web Services for MapGuide®</b>				
Haris Kurtagic	Wed. 12/2	1:00 pm - 3:00 pm	All Levels	Virtual Session