

## ***Welcome to Angstrom University 2006-2007!***

In our second year of Angstrom University,  
we wanted to bring you more of what you asked for last year.

You asked for more classes. We've got more: not just one or five, but ***over 20 new classes.***  
You wanted longer class times. We've got those too, including ***all-day workshops.***  
You wanted more hands-on experience. We now have ***more participation in every class.***

What hasn't changed?

All of our classes are still taught by the industry's top professionals.

Decades of experience. State-of-the-art expertise. Passionate dedication. All here for you.

We look forward to seeing you at Angstrom University.  
Lighting your way with the power of knowledge.

**October 7, 2006**

9:00am - 4:00pm, \$225.00

**The Plot Thickens: Creating a Light Plot for Your Performing Space**

*Tom Ruzika*

As a story's plot unfolds onstage, the lighting plot helps bring that story magically to life. In this workshop, you'll learn how to create a lighting plot for your specific needs. In the morning, you'll analyze various plotting techniques for different theatre types, with an emphasis on repertory plots that allow design flexibility. Be sure to bring in a diagram of your space because in the afternoon, internationally renowned lighting designer Tom Ruzika will help you develop a lighting plot for your specific requirements, using equipment you may already own.

*Tom Ruzika's lighting has been seen on Broadway, in national tours, at major regional theatres and many national and international dance and opera companies. His entertainment lighting can be seen at theme parks in six different countries, and his architectural lighting is on display in prestigious hotels, casinos, restaurants, retail centers and performing arts centers across the nation, and in Europe and Asia. Tom is a recipient of the Angstrom Award for Lifetime Achievement in Lighting Design presented by the L.A. Drama Critics Circle.*

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**October 14, 2006**

9:00am - 4:00pm, \$225.00

**Music Cues: How to Feel Them, How to Call Them**

*James Moody*

The synergy of light and music can evoke powerful emotions in your audience. And just as a music composer writes a score to orchestrate sounds, the professional lighting designer uses a light score to synchronize light and music in perfect harmony. In this workshop, you'll learn how to create a light score and develop a creative musical sense so that you can find the best places for light cues to accent the music. You'll learn how to track cues and practice microphone techniques. You'll also create a light score using music of your own choice and demonstrate your real-time ability for class critique.

*James Moody wrote the book on concert lighting, literally! With over 30 concert clients and a decade of touring experience, Jim wrote the only book on lighting that increases sales each year, Concert Lighting: Technique, Art and Business. A Master Teacher and Head of the Technical Theatre program at the Theatre Academy of Los Angeles City College, Jim was most recently named 2006 Lighting Designer of the Year by the United States Institute for Theatre Technology (USITT).*

**October 28, 2006**

9:00am - 4:00pm, \$250.00

**Hands-On Jands Vista**

*Fred Mikeska*

Imagine lighting a show the way you would create a work of art—not by punching in numbers, but by visually arranging the elements of your design across a workspace. With the Jands Vista console, you can. In this introductory workshop, you'll learn how to construct and program a lighting design using the same kind of non-linear, timeline-based system found in state-of-the-art computer-based audio and video editing tools. During the afternoon training session, you'll get hands-on experience working with this exciting technology. The Jands Vista system will forever change the way you create your light shows. Limited to 10 students.

*Fred Mikeska is Sales & Marketing Manager for U.S. Operations at AC Lighting, which has been, and continues to be, instrumental in introducing products that have gone on to become the industry standard, including Socapex, WholeHog, Chroma-Q and WYSIWYG. Fred is an active member of the Entertainment Services and Technology Association (ESTA), currently serves on the organization's Member Relations Board, and is involved with the Protocol Task Group and Nominating Committees.*

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**November 4, 2006**

9:00am - 4:00pm, \$225.00

**LEDs: The Future of Light**

*Keith Gillum*

What do the color-changing lights on the outside of buildings have in common with your cell phone? The answer: Light Emitting Diodes, or LEDs. This workshop will introduce you to some dazzling applications of this exciting technology and explain how it developed from a simple blinking indicator light to the cutting-edge equipment now lighting landmarks such as the Hollywood Bowl and the multi-colored pylons at LAX. In the afternoon you'll work hands-on with fixtures from the leading manufacturers of LED products. You'll also review various control techniques and learn how to choose the right fixture for your application.

*Keith Gillum, Los Angeles Regional Manager for Color Kinetics, Inc., has been in the lighting industry for over 30 years. With his vast knowledge of lighting for both architectural and entertainment applications, Keith has worked for Strand Lighting, Osram and Colortran. While President of Camera Platforms International, he received a Technical Emmy Award and other technical Academy citations for developing specialized motion picture camera vehicles and the first widely accepted HMI electronic ballasts.*

**November 11, 2006**

9:00am - 4:00pm, \$225.00

**Marketing Marketplace: A Workshop for Designers and Technicians**

*Virginia Ginsburg*

Marketing is an essential component to any successful business strategy. But for many entrepreneurs, it can seem like an overwhelmingly complex process. This workshop will simplify that process by breaking it down into a series of steps to help you prioritize the most important tasks for your specific business needs. You'll learn how to get to know your customers – *and* your competition – as well as how to position yourself or your company for success by using brochures, Web sites, flyers, sales calls, public relations, advertising and guerilla marketing. And through guided activities you will create relevant materials to start you on your way to entrepreneurial success.

*Virginia Ginsburg is President and Chief Consultant of Swell Strategies, a consulting firm specializing in entrepreneurial growth. She has more than ten years' experience in marketing, communications and business management, and has developed marketing plans, business plans and organizational strategies for businesses of all sizes, from start-ups to public companies in a broad range of industries. Virginia holds an M.B.A. from the University of Southern California and a B.A. in Journalism from Humboldt State University.*

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**November 18, 2006**

9:00am - 4:00pm, \$225.00

**Enhancing the Kinetic: Lighting Design for Dance**

*Eileen Cooley*

In this special day-long workshop—co-sponsored by the UCLA Department of World Arts and Cultures—you'll get a rare opportunity to light dancers in a theatre designed specifically for dance. Learn how the objectives and properties of theatrical lighting apply to the art of dance and see demonstrations of these principles in practice. You then get a chance to apply what you've learned as you experiment with lighting short movement sequences on real moving bodies. Don't miss this unique opportunity to gain both valuable knowledge and hands-on experience in a real-world setting. Note: This class meets on the UCLA campus; details given at registration.

*Eileen Cooley received her master's degree in choreography from UCLA, which she unexpectedly evolved into a career as a lighting designer specializing in dance. She currently serves as Lighting Designer for such companies as Viver Brasil, Jazz-Tap Ensemble, Danza Floricanto/USA, Pennington Dance Group, Francisco Martinez Dance Theatre, and the On Ensemble. She has been honored with seven Lester Horton Awards for Outstanding Achievement in Lighting for Dance and the Lester Horton Award for Service to the Field.*

**December 2, 2006**

9:00am - 4:00pm, \$225.00

**Color and How We Measure It / Patterns and Projections**

*Joe Tawil*

What is color, how does it work, and how can you add color to your lighting design at minimal cost for optimal effect? With over 70 dynamic visual aids, this workshop will help you understand the language of color—including Kelvin temperatures, the CIE Chromaticity Map, tri-color mixing—and how they relate to visual perception. During the afternoon, you'll witness detailed, hands-on demonstrations on how to use gobos to execute highly creative color patterns. You'll also learn about flexible, low-cost projection devices that can easily create rain, snow, fire, waterfalls and other special effects using your own ellipsoidal spotlight.

*Joseph N. Tawil is Founder and President of GamProducts, Inc., a Los Angeles-based theatrical lighting and special effects manufacturer. Joe revolutionized the color filter industry in 1969 when he pioneered and introduced the first polyester-based color filters. Since then he has created multiple special effects and projection devices that have become standard production tools for the entertainment industry. A Fellow of USITT, he has also published numerous articles on lighting and is a frequent lecturer on the subject of color.*

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**December 9, 2006**

9:00am - 4:00pm, \$225.00

**Lighting Designer's Tool Box**

*K.C. Hooper*

One of the most powerful creative tools in the lighting designer's palette is the gobo, which can add striking visual impressions and effects to your next production or project. This workshop will introduce you to the basics of gobos and how they can be used to create dynamic patterns and motion effects—and even enhance basic video projection. You'll also get an overview of the software needed to create highly effective static images. Through “hands-on” demonstrations, you'll get an opportunity to experiment with gobos, rotators, software and pattern design mock-ups, all of which can help turn your next lighting design into a work of art.

*K.C. Hooper is Product Specialist for Apollo Design Technology, and was the Technical Director and Resident Lighting Designer at Arizona State University for 22 years. Though his specialty is in dance lighting, K.C. is also an accomplished designer and inventor of projection products used throughout the world. He has been a frequent guest lecturer at Southern Methodist University, Columbia College in Chicago, SUNY at Buffalo and the University of Texas at Austin.*

**January 6, 2007**

9:00am - 4:00pm, \$225.00

**Lighting for Dance: Creative Solutions for Designers**

*Liz Stillwell*

How do you turn a blank light plot into a highly creative and effective design? In this workshop for the experienced lighting designer, you'll learn practical techniques for enhancing the beauty of dance through light. You'll explore tools to spark creativity and start collaborative conversations. You'll learn how to use light and gobos to create a sense of space and how to work in problematic spaces with unconventional equipment. You'll even get to challenge the group with your design nightmares. An afternoon workshop in the Angstrom Light Lab will give you hands-on experience cuing an abstract contemporary ballet and a story ballet of Thornton Wilder's *Our Town*.

*Liz Stillwell's 25-year career in the theatre includes lighting designs for six seasons at the Utah Shakespearean Festival and 10 years with the Civic Light Opera of South Bay, for which she designed the Ovation Award-winning productions of Phantom of the Opera, West Side Story and Dreamgirls. Besides her work at the Taper Too, Pasadena Playhouse, South Coast Repertory and International City Theatre, Liz has also designed dance lighting for such notable companies as Inland Pacific Ballet, Raiford Rogers Ballet and Ballet Pacifica.*

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**January 13, 2007**

9:00am - 4:00pm, \$225.00

**The Seven Controllable Properties of Light**

*Brian Gale and Casey Cowan*

Can you remember all of them? By the end of this beginner-to-intermediate level class, you'll not only be well-versed in the seven properties of light but you'll also be designing with them and looking at lighting design in a whole new way. In a seminar similar to one often presented to their corporate clients, you'll join award winners Brian Gale and Casey Cowan for an insightful and entertaining day as they share their secrets of "cooking with light." In the morning lecture and demonstration, you'll learn how to layer the ingredients and in the afternoon, you'll actually design different looks based upon this unique concept.

*Brian Gale has received over 12 DramaLogue awards for his lighting designs and is currently co-owner of NyxDesign. He has been with Disney for more than 20 years, designing for television, theatre and themed entertainment attractions as well as the premieres of Pirates of the Caribbean and Cars. Casey Cowan is an award-winning lighting designer whose extensive experience ranges from co-designing lighting for the world premiere of Angels in America to designing the architectural lighting for ABC's Nightline offices in Washington, D.C. A former designer at Disney R&D, Casey is currently Director of Lighting Design at the USC School of Theatre .*

**January 20, 2007**

9:00am - 4:00pm, \$225.00

**Creating Low-Tech Special Effects**

*Steve Hoffman and Rebel L. Hoffman*

Blazing fires. Rippling waters. Rolling clouds. These kinds of projected lighting effects can dramatically enhance your next project or production. Whether you work in theatre, film or TV, or are designing for architectural or retail applications, these effects not only lend power to your presentation, but are also easier to create than you might think. Through hands-on demonstrations, you'll discover the simple secrets behind many of today's most popular special lighting effects. You'll also learn how to choose just the right equipment to achieve just the right effect. An ideal workshop for anyone looking to find low-tech ways to create high-impact visuals.

*Steve and Rebel Hoffman are the owners of GoboMan, a manufacturer of gobos, color filters and other specialty lighting products. Together they have over 20 years' experience in the lighting industry, most recently at GamProducts, where Steve was Sales Manager and Rebel was Director of Product Training. Steve has been a cameraman for ABC-TV in San Diego, and Rebel holds an M.F.A. in Lighting Design from the University of California, Irvine.*

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**January 27, 2007**

9:00am - 4:00pm, \$225.00

**This is a Leko, This is a Fresnel**

*Jeff Flowers*

Back by popular demand! This introduction to basic lighting equipment is designed for anyone for whom lighting feels like a foreign language. In the morning session you'll learn general information on some of the most common lighting fixtures: what their purpose is, how they work, and how to make them work for you. In the afternoon session, you'll get hands-on experience using these fixtures to create a simple lighting design and explore the many different visual effects that can be created. By the end of this workshop you'll no longer be in the dark about lighting.

*Jeff Flowers has worked in the entertainment industry for over 20 years, in such diverse roles as Lighting Designer, Scenic Designer, Equity Stage Manager and Marketing Manager. Jeff served on the theatre faculty at the University of Texas at Arlington before providing both technical and sales support for companies such as Rosco Labs, Angstrom Lighting, DeSisti Lighting, Matthews and Cinemills. Jeff now works at Rose Brand and is on faculty at the USC School of Theatre.*

**February 3, 2007**

9:00am - 4:00pm, \$225.00

**The Perfect Pitch: How to Tell It So You Can Sell It**

*Johnny Cho, Antoinette Byron, Coco Klinkenberg, Anne Reeves*

No matter what your expertise is in the entertainment industry, you may find yourself having to pitch your products or services to prospective clients. This requires more than just telling people what you're offering. It requires a compelling presentation that inspires confidence in your audience and keeps them hooked on your message. In the morning you'll learn the four keys to effective communication—words, voice, body language and visuals. In the afternoon, you'll present a three-to-five-minute pitch, which you can prepare in advance or improvise at the workshop. Through supportive and encouraging evaluations, you'll learn how to take your presentation skills to the next level.

*Johnny Cho is a playwright, award-winning screenwriter, and Director of Communications Projects at the Milken Family Foundation. Antoinette Byron is a Communications Consultant and an accomplished actress on stage, film and TV; she coaches privately in public speaking and voice. Coco Klinkenberg is Executive Vice President of Angstrom Lighting and has been a theatrical dancer and choreographer. Anne Reeves is Partner and Director of Marketing of Shimokochi-Reeves, a Los Angeles-based design firm specializing in brand identity and package design.*

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**February 10, 2007**

9:00am - 4:00pm, \$225.00

**Electricity 101 and Beyond**

*Frans Klinkenberg*

Why do lamps flicker? Why do fuses blow? How many lights can you put on a dimmer? Whether you're a seasoned lighting designer, a novice gaffer, a drama teacher or just plain curious, this workshop will help unravel the mysteries of wattage, voltage and amperage. In the morning session, you'll learn some of the basics of how electricity works, and how a little common sense can help you deal with some of the most common lighting situations. In the afternoon, you'll get practical, hands-on experience in how to take apart, troubleshoot and repair basic wiring and light fixtures for both household and theatrical uses.

*Frans Klinkenberg is a Founding Director, Owner and CEO of Angstrom Lighting, established in 1977. With an undergraduate degree from the University of New Mexico, he received his M.A. in Theatre from Arizona State University and went on to join the faculty at U.C. San Diego, where he was also Resident Lighting Designer and Technical Director. In 1991 Frans instituted a Lifetime Achievement Award in Lighting Design, funded by Angstrom Lighting and presented by the L.A. Drama Critics Circle.*

**February 17, 2007**

9:00am - 4:00pm, \$225.00

**Working with Automated Fixtures: How to Choose the Right Light**

*Dan Weingarten*

With so many automated fixtures out there, how do you choose the right one? This workshop will show you, the lighting designer, the strengths and challenges of numerous fixtures so that you can choose the right ones for the job. In the morning you'll learn how to determine what each light can do before you even get it out of the shop, and what you need to do once it's in the air to make sure it works the way you intended. In the afternoon session, you'll experience hands-on applications of what you've learned using several fixtures on an assortment of light boards.

*Dan Weingarten has created lighting for over 400 productions internationally, including Nijinski Speaks Off-Broadway and the hit musical Rock of Ages in Los Angeles and Las Vegas. He has received multiple awards and nominations (Ovation, Garland, and LADCC) for his work with The Theatre at Boston Court, Circle X and other companies. He designs for many industrial clients as well. Dan received his M.F.A. in Lighting Design from CalArts and is on faculty at Loyola Marymount University.*

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**February 24, 2007**

9:00am - 4:00pm, \$225.00

**The Play's the Thing**

*Gary Grossman*

To successfully design lighting for the theatre, you've got to know the play. Rather than waiting for the director to explain the script, come armed with an insightful understanding about how to cue the show. During this seminar with actor/director/producer Gary Grossman, you will learn how to look at a play less like a technician and more like an artist. Upon registration, you'll be assigned one of four plays to read before class. In the morning session, you'll learn how to break down the script and spot potential lighting cues. In the afternoon, you'll develop a lighting concept for the play, and learn how to pitch your concept to the director.

*Gary Grossman is a seasoned professional with over 30 years of experience in management and production for the stage, film and television and he was the founder of New York-based Bestek Theatrical Productions, a set, lighting and special effects company. Since then, Gary has managed three successful not-for-profit theatre companies and produced over 250 stage plays, art exhibitions, and other events such as the IFP Spirit Awards and the documentary, The Actor's Life.*

**March 3, 2007**

9:00am - 4:00pm, \$225.00

**Large-Scale Projection Design**

*Bart Kresa and Benjamin Cobb*

Projected on a large screen before hundreds or thousands of people, a picture says everything. In this exciting six-hour power course on large-scale projection, Bart Kresa and Benjamin Cobb combine two lifetimes of experimentation and experience into a single workshop. In the morning, you'll learn the history and subtleties of large-scale projection using state-of-the-art Pani equipment. You'll learn how to inspect a site properly, create projections for distinctive environments, and translate designs to suit the appropriate media. In the afternoon, you'll get hands-on experience with equipment, installation and application. With Cobb's technical mastery and Kresa's world-renowned eye for design, there's no better crash course available.

***Bart Kresa** is an independent projection designer who travels the world designing multimedia installations for special events and creating cutting-edge architectural projections. Originally from Warsaw, Poland and currently based in Los Angeles, Bart has designed for the L.A. Kings, ABC, the Playboy Mansion, Fredericks of Hollywood and Oprah Winfrey's "Evening of Legends."*

***Benjamin Cobb** has been a freelance projectionist working with large-format projection since 1996. He is a founding member of the Cornerstone Theater Company, where he was an actor and Technical Director from 1986–1996.*

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**March 10, 2007**

9:00am - 4:00pm, \$225.00

**Now What?**

*Steven Young*

You're fresh out of school, and you've designed over a dozen shows in 99-seat theatres, but you still haven't "hit it big." This workshop will help take you to the next level of your career. In the morning session, you'll learn tips and ideas on how to break into larger theatres, keep your name in *Backstage West* and get your designs noticed without relying solely on your resume. In the afternoon you'll expand your design expertise and gain the flexibility to create everything from a sophisticated look for an intimate two-person scene to a glamour look for a chorus of over 200 singers.

***Steven Young** has designed in nearly every theatre within 200 miles of Los Angeles, and has garnered numerous accolades, including the 2005 Ovation Award, the Angstrom Award for Lifetime Achievement in Lighting Design presented by the L.A. Drama Critics Circle, several Garland Awards and even a Robby Award. In addition to his design work in Los Angeles, Steven's designs have been seen in Canada, Australia and Germany.*

**March 24, 2007**

9:00am - 4:00pm, \$225.00

**Listen to This: Introduction to Live Audio**

*Jeff "Fedj" Sylvanus*

From digital to analog, large systems to small, basic equalization to troubleshooting, this introductory workshop will focus on all aspects of working with live audio equipment, including applications of technique, design and theory. In the morning session you'll learn basic functionality and connections, setup, tuning, microphone selection and placement. In the afternoon, you'll expand your knowledge to include audio theory and how to properly tune your equipment. You'll also receive detailed instruction in patching and tracking, documentation, signal processing and effects, networking and press feeds. Course requirement: you must bring your own set of high-quality headphones.

*Jeff "Fedj" Sylvanus is a sound engineer with more than 30 years of experience. After touring worldwide for 25 years with artists such as Aretha Franklin, Jada Pinkett Smith's Band, and Reggae on the River, he returned to his Hollywood roots, working as Production Manager at the Musician's Institute and teaching classes in live audio. An expert in all aspects of technical production, Fedj has even assisted Angstrom as lead electrician for the Hollywood Walk of Fame ceremonies.*

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**March 31, 2007,**

9:00am - 4:00pm, \$225.00

**From Rags to Rigging: Safety, Placement and Design**

*Tina Carlin Wright and Harvey Sweet*

Proper rigging is essential to the success of every production. In this workshop, you'll learn some of the most effective tools, techniques and procedures to ensure that your next project is rigged properly—and safely. In the morning session, you'll learn about various theatrical fabrics and draperies, flame retardants, stage placement and terminology. In the afternoon, you'll receive training on everything from counterweight and motorized systems to theatre rigging and about how to select and use the appropriate hardware to install draperies, dead-hung scenery, properties and lighting. You'll also learn how to determine the amount of load you can attach to your building and existing rigging.

*Tina Carlin Wright has been in the entertainment industry for 20 years. A graduate of the Fashion Institute of Design and Merchandising with a degree in Fashion Design, Tina has spent the last 10 years at Rose Brand as West Coast Regional Manager. Harvey Sweet is Vice President of Sales at LA ProPoint, Inc., a company specializing in theatrical rigging system installations and safety inspections. Harvey has taught theatre technology and design for 23 years, designed and mounted more than 150 theatre productions, and has written three textbooks. He recently spent time in Japan helping construct a major theme park, after which he wrote the first draft of theatrical rigging standards for the Walt Disney Company.*

**April 7, 2007**

9:00am - 4:00pm, \$350.00

**High on the Hog: Wholehog 2 Essentials**

*Andrew Webberley*

One of the industry's most popular consoles for moving lights, the Wholehog 2 seamlessly integrates control of all moving and conventional lighting, making any moving light as easy to control as a dimmer. In this exciting workshop, programming expert Andrew Webberley will show you the whole truth about the Wholehog. In the morning, you'll get a brief review of setup and patching, as well as how to easily program cues and simple effects. During the afternoon, you'll learn how to program macros, time code, library files and other advanced features. Students must have a basic understanding of console programming. Limited to 10 students.

*Andrew Webberley has been a conventional and moving light board programmer since 1988. He was the Obsession II board operator on The Lion King for two years and has also designed for a broad range of theatrical, concert and event productions. In addition to his expertise on the Wholehog, Andrew has vast experience on ETC and Strand boards, as well as on the GrandMA. Most recently he programmed the Virtuoso DX for The Ellen DeGeneres Show*

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**April 14, 2007**

9:00am - 4:00pm, \$250.00

**Express Yourself: Expression 3 and Express Programming**

*Michael Zinman*

The most popular lighting consoles in the world are the Express and Expression 3 by Electronic Theatre Controls (ETC). If you've never used either one, this workshop, intended for beginners, will show you what you've been missing. You'll learn basic functions and commands, as well as some powerful special features. You'll learn how to properly set up a show, create multi-part cues and dynamic lighting effects, and explore the consoles' recording functions and moving light functionality. You'll also learn time-saving macros to automate repetitive tasks. And you'll learn how to use the consoles for time-coded and real-time events for installations and show control.

*Michael Zinman is Principal Lighting Designer and founder of Zinman and Associates, a Los Angeles-based firm specializing in theatrical, architectural and television lighting design. Since 1997 Mike has programmed over 150 productions using the Expression 2X and 3, as well as the Express line of consoles, and is an advanced Expression 3 programmer. Currently Mike programs lights for television shows across the country, but when in Los Angeles, he regularly designs for local theatrical and architectural projects.*

**April 21, 2007**

9:00am - 4:00pm, \$250.00

**Congo: The Latest Console Craze**

*Warren Mays and David Smith*

Congo is the newest ETC console, the first to fully embrace the control of conventional and automated lighting fixtures as well as LED and media servers in a “hands-on/heads-up” live entertainment approach. You will learn the basics of the console in the morning and then dig deeper into the programming power of the Congo in the afternoon. No previous experience on Congo is necessary, although a basic understanding of lighting consoles will be helpful. Class size is limited to 10 students.

*Warren Mays is currently the Manufacturer's Representative for ETC with Moodie, Pincu & Associates in Los Angeles. He has a degree in Business but early on found a niche on the road, working with many touring productions as a lighting technician. Now as a salesman for theatrical dealers, Warren put that business degree to work, successfully integrating his business skills with his love of the lighting industry. David Smith is Field Project Coordinator for ETC's Western Regional Office in Hollywood, California. He regularly works as a board programmer and repair technician around the Los Angeles area, and was also lead trainer and support person for the Congo console installation on The Tonight Show with Jay Leno at NBC Studios in Burbank, CA.*

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**April 28, 2007**

9:00am - 4:00pm, \$250.00

**Lighting for Digital Cinematography**

*J. Kent Inasy*

Join award-winning lighting designer and director of photography J. Kent Inasy for a hands-on demonstration on the art of lighting for single- and multi-camera situations, both in the studio and out in the field. In the morning session, you'll learn about different film styles and how to avoid some of the major pitfalls facing the cinematographer. In the afternoon, you'll actually participate in creating a short film, gaining experience as a crew member, assisting in the editing process and getting behind the lens to shoot a scene at various locations around the Angstrom building. A must for up-and-coming digital filmmakers.

*J. Kent Inasy is an award-winning lighting designer, having won an Ovation Award for his work on the play Mad Forest at The Matrix Theatre. He is also a recipient of the Angstrom Award for Lifetime Achievement in Lighting Design from the L.A. Drama Critics Circle and his designs have been seen at various venues around the Los Angeles area, as well as in Washington D.C., Cambridge, Massachusetts, and New York's Lincoln Center. J. Kent is also an accomplished cinematographer, with several independent features, commercials and sitcoms to his credit.*

**SPECIAL! Angstrom University Extension Presents:**

**Getting to Know Your Venue – An On-Site Training Program**

Dates to be arranged – Please call for availability, \$225.00

*Frans Klinkenberg*

Whether you're a schoolteacher overwhelmed with overseeing a spring musical, a college instructor lost in the jungle of technology at the campus theatre, or a churchgoer who's been "volunteered" to light a worship service just because you know how to change a light bulb, this seminar is for you. Frans Klinkenberg, a theatre veteran and designer with over 35 years of experience, offers this unique opportunity for teachers, clergy, administrators, crew, or students looking for hands-on practical knowledge on everything from basic lighting theory and electricity to theatrical terminology and safety. *And he offers it at your venue!* Included is a one-hour site survey prior to the class as well as a one-hour customized presentation. By the end of this presentation, you'll know enough to understand what's possible in your space and have the tools to expand that knowledge. Don't be left in the dark! Call for an appointment today!

***Frans Klinkenberg** is a Founding Director, Owner and CEO of Angstrom Lighting, established in 1977. With an undergraduate degree from the University of New Mexico, he received his M.A. in Theatre from Arizona State University and went on to join the faculty at U.C. San Diego, where he was also Resident Lighting Designer and Technical Director. In 1991 Frans instituted a Lifetime Achievement Award in Lighting Design, funded by Angstrom Lighting and presented by the L.A. Drama Critics Circle.*

## GENERAL INFORMATION

### Class Times

- Morning session is 9:00am - 12:00noon
- Afternoon session is 1:00pm - 4:00pm

### General Student Information

- Most classes will be limited to 20 students and will be filled on a first-come, first-served basis via a registration form available in this catalog, at the Angstrom offices or on-line at [www.angstromuniversity.com](http://www.angstromuniversity.com).
- Parking is free in the lot just south of the building at 837 N. Cahuenga Blvd. There is also plenty of free street parking.
- Angstrom will provide pizza and drinks from 12:00noon - 1:00pm. All students and instructors are invited for lunch.
- Tuition varies for each class. Payment may be made by credit card or check drawn on a U.S. bank. Cash is accepted for walk-in registration only.

### Student Refund Policies

- Students will receive a full refund less a non-refundable \$20.00 registration fee if they withdraw from the course 30 or more days prior to the course date.
- Students will receive a 50% refund less a non-refundable \$20.00 registration fee if they withdraw from the course 15-29 days prior to course date.
- No refunds allowed for withdrawals less than 15 days prior to the course date.
- Students who are unable to attend may send a substitute.
- Students who pay by check or cash will be refunded by check. Those who pay by credit card will be refunded on the credit card. Please allow 10 days to process the refund.
- If Angstrom cancels the course at any time, for any reason, students will receive a full refund.
- Angstrom reserves the right to change these policies at any time.

### Registration

- **CALL TOLL FREE: 866-275-9211**
- **ONLINE:** Visit our secure Web site at [www.angstromuniversity.com](http://www.angstromuniversity.com); click on Admissions > Register
- **FAX** the registration form to: **323-790-0647**
- **MAIL** in the registration form. Include your pre-printed check or credit card information and send to:  
Angstrom Lighting, 837 N. Cahuenga Blvd., Hollywood, CA 90038 USA
- **WALK-IN:** Our offices are open Mon-Fri 9:00am - 5:30pm, Sat 10:00am - 2:00pm

## NOTES

## NOTES