



<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<a href="#">Almo Professional AV</a>	Present, Collaborate, and Control	0.5	0.5	0.5
<b>Almo Professional A/V</b>	Interactive Collaboration System Design and Deployment	1.0	1.0	1.0
<b>Almo Professional A/V</b>	Understanding and Specifying Outdoor LFD with Samsung	1.0	1.0	1.0
<b>Almo Professional A/V</b>	Audio Over IP - An Introduction and Comparison of Dante, AVB, and CobraNet Methodologies	1.0	1.0	1.0
<b>American Music and Sound</b>	D-Live Certification Course	2.0	2.0	2.0
<b>Analog Way</b>	Midra Operator Training Class	4.0	4.0	0.0
<b>Analog Way</b>	Designing AW for the Integrator	4.0	4.0	4.0
<b>Analog Way</b>	Live Core Certification Program- Advanced	12.0	12.0	0.0
<b>Analog Way</b>	Vertige Certification Program	9	9	0
<a href="#">Analog Way, Inc.</a>	Designing Signal Flow for LED Displays	1.5	1.5	1.5
<b>Analog Way, Inc.</b>	LED Design Boot Camp	4	4	4
<b>Analog Way, Inc.</b>	Best Practices for Designing and Implementing Presentation Systems	1	1	0
<a href="#">Anixter, Inc.</a>	Introduction to Professional Audio/Video Systems	1.5	1.5	0
<a href="#">AQAV</a>	Quality Assurance Designer	24.0	24.0	24.0
<b>AQAV</b>	Quality Assurance Technician	24.0	24.0	24.0
<b>AQAV</b>	An Introduction to the Competent Quality Leader” for Technology Managers and AV Corporate Leadership	3	3	3

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<a href="#">Atlona Technologies</a>	Understanding AudioVideo Distribution Level 100 Atlona Technology Specialist	4.0	0.0	0.0
<b>Atlona Technologies</b>	AV over IP: Technical Training	0	2.5	2.5
<a href="#">Audinate, Inc.</a>	Dante Certification Level 3 - Advanced Dante Networking	4.0	4.0	0.0
<b>Audinate</b>	Dante Certification Level 2 - Intermediate Dante Concepts	2	2	0
<b>Audinate</b>	Dante Certification Level 1 - Introduction to Dante	2	0	0
<b>Audinate</b>	Principles of Digital Audio	1.5	1.5	1.5
<b>Audinate</b>	Getting Started with Dante	1.5	1.5	0.0
<b>Audinate</b>	Introduction to IP Networking for AV Systems	1.5	1.5	0.0
<a href="#">Aveo Systems</a>	Installing and Using a Televic Conferencing System	4.0	4.0	4.0
<b>AVI-SPL</b>	AVI-SPL Project Management Academy	24.0	24.0	24.0
<b>AVITA</b>	AV/DALL/KNX/DMX Programming Interfaces and Best Practices	7.0	7.0	7.0
<b>AVITA</b>	Public Procurement in AV Sector	6.0	6.0	0.0
<b>AVITA</b>	Networking AV Technology Workshop	11.0	11.0	11.0
<a href="#">Barco</a>	Barco Certified Product Expert - UDX-series	3.5	0.0	0.0
<b>Barco</b>	Barco Certified Product Specialist - UDX & HDX 4K-series	10.5	0.0	0.0
<b>Barco</b>	ClickShare - Barco Certified Specialist	3.0	0.0	0.0
<b>Barco</b>	Barco Control Room Essentials - Sales & Design Professional Training	2.5	0.0	0.0
<b>Barco</b>	Barco Control Room Essentials - Sales & Design Professional Training	2.50	0.0	0.0
<a href="#">Belden, Inc</a>	Category Cable Installation and Termination	1.0	1.0	1.0
<b>Belden, Inc</b>	HDBaseT Certification for Networking Contractors	4.0	4.0	4.0

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<b>Belden, Inc</b>	A106 Digital Audio Choices and Considerations	1	0	0
<b>Belden, Inc</b>	P101 HDB: Best Practices for HDBaseT Infrastructure	4	4	4
<b>Belden, Inc</b>	4K Cabling Truths and Misconceptions for HDBaseT	2.0	2.0	2.0
<b>Belden, Inc</b>	HDBaseT System Design, Installation and Testing	0.50	0.50	0.50
<b>Belden</b>	Category Cable Doesn't Matter for 4K HDBaseT	0.5	0.5	0.5
<b>Biamp Systems</b>	Tesira SERVER/SERVER-IO	22.5	22.5	22.5
<b>Biamp Systems</b>	Tesira In Person Training	11.5	11.5	11.5
<b>Biamp Systems</b>	Vocia Online Certification Training	6.0	6.0	6.0
<b>Biamp Systems</b>	HDR, HDCP 2.2 Pro and Resolution v. Distance - Key Concepts for Optimal Video System Design	0.5	0.5	0
<b>Biamp Systems</b>	TesiraLUX Online Certification Training	3	3	3
<b>Biamp Systems</b>	Microphone Arrays and Beamforming Technology	0.5	0.5	0.5
<b>Biamp Systems</b>	TesiraForte Certification 2017	4.0	4.0	4.0
<b>Biamp Systems</b>	The AV Lab	12.0	12.0	12.0
<b>Biamp Systems</b>	VoIP Online Training	4.0	4.0	4.0
<b>Biamp Systems</b>	Communicating with your IT Customer	1.5	1.5	1.5
<b>Biamp Systems</b>	Video Over Ethernet – Navigating the Next Disruption to Video Distribution	1.5	1.5	1.5
<b>Bosch Security Systems, Inc.</b>	Praesideo	12.5	12.5	12.5
<b>Bosch Security Systems, Inc.</b>	Telex Radio Dispatch	9	0	0
<a href="#">Bose Corporation</a>	Bose ControlSpace Designer v5.0 – Level 1	1.0	1.0	1.0
<b>Bose Corporation</b>	Bose ControlSpace Designer v5.0 - Level 2	3.0	3.0	3.0
<a href="#">Brawn Consulting</a>	4K Resolution Demystified	1.0	1.0	1.0
<b>Brawn Consulting</b>	Digital Signage Certified Expert (DSCE)	8	8	8
<b>Brawn Consulting LLC</b>	Video over IP - Signal Management in AV Applications	1.0	1.0	1.0
<b>Brawn Consulting LLC</b>	The Viewer Experience; Proper Image Size	1	1	0

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<b>Brawn Consulting LLC</b>	Advanced Display Technologies	2	2	2
<b>Brawn Consulting, LLC</b>	Screen Gain as a Design Tool	1.5	1.5	1.5
<b>Brawn Consulting, LLC</b>	Selecting a Projector by the Books	1.5	1.5	0
<b>Brawn Consulting, LLC</b>	Crossing The Chasm	1	1	1
<b>Brawn Consulting, LLC</b>	Interfacing with IT Staff for AV Integrators	1	1	1
<b>Brawn Consulting, LLC</b>	Introduction to Networks	1	1	1
<b>Brawn Consulting, LLC</b>	Project Management or Mangement	1	1	1
<b>Brawn Consulting, LLC</b>	Selling the Enterprise Customer	1.5	1.5	1.5
<b>Brawn Consulting, LLC</b>	The Value in a Value Proposition	1	1	1
<b>Brawn Consulting, LLC</b>	Time Management and Planning	1	1	1
<b>Brawn Consulting, LLC</b>	Bring Content to Life in Canon Color & Clarity	1.0	1.0	1.0
<a href="#">BrightSign</a>	Advanced BrightSign Techniques	0.75	0	0
<b>BrightSign</b>	BrightAuthor Basics	0.75	0	0
<b>BrightSign</b>	BrightSign 2-Day Technical Certification	8	0	8
<b>BrightSign</b>	Interactive & Control BrightAuthor Presentations	0.75	0	0
<a href="#">Bryan Pass</a>	Management 670	10.0	0.0	0.0
<b>Bryan Pass</b>	Management 531	10.0	0.0	0.0
<b>Bryan Pass</b>	Management 641	10.0	0.0	0.0
<a href="#">Cables 2 Go</a>	Understanding Digital Video Formats	1.0	1.0	1.0
<b>Cables to Go</b>	Understanding Digital AV Technology in the 21st Century Classroom	1	0	0
<a href="#">Cambridge Sound</a>	Fundamentals of Speech Privacy and Sound Masking	2.5	2.5	2.5
<b>Cambridge Sound</b>	Qt Pro Products and Applications	0.75	0.75	0.75
<b>Cambridge Sound</b>	Dynasound Pro Products and Applications	0.75	0.75	0.75
<a href="#">Chief</a>	Chief ConnexSys Video Wall Mounting System	0.5	0.5	0.5
<b>Chief</b>	CHIEF FREESTANDING DISPLAY MOUNTS – INSTALLATION TRAININGf	0.25	0.00	0.25

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<b>Chief</b>	Chief Monitor Mounts – Installation & Optimization	0.5	0.00	0.5
<b>Chief</b>	Chief Multi-Display Fusion Mounting Solutions – Installation	0.25	0.00	0.25
<b>Chief</b>	Chief Projector Mounts & Accessories – Installation	0.75	0.75	0.75
<b>Chief</b>	Chief Single Flat Panel Mounting Solutions – Installation Training	0.25	0.00	0.25
<b>Chief Manufacturing</b>	Install Track – Digital Signage	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track – Digital Signage 2	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track- Education 2	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track – Education Vertical	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track - Elite Home Theater	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track – Hospitality Vertical	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track – House of Worship Vertical	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track – Office Environments	1	0	1
<b>Chief Manufacturing</b>	Install Track – Residential Vertical	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track-Control Room	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track-Training Room	0.5	0	0.5
<b>Chief Manufacturing</b>	Install Track- Automated Classroom	0.5	0	0.5
<b>Chief Manufacturing</b>	Product Track- Automated Classroom	0.5	0	0
<b>Chief Manufacturing</b>	Product Track – Corporate Vertical	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track – Digital Signage Vertical	0.5	0	0
<b>Chief Manufacturing</b>	Product Track – Digital Signage 2	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track- Education 2	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track – Education Vertical	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track - Elite Home Theater	0.5	0	0
<b>Chief Manufacturing</b>	Product Track – Hospitality Vertical	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track – House of Worship Vertical	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track – Office Environments	1	1	0
<b>Chief Manufacturing</b>	Product Track – Residential Vertical	0.5	0.5	0
<b>Chief Manufacturing</b>	Product Track-Control Room	0.5	0	0
<b>Chief Manufacturing</b>	Product Track-Training Room	0.5	0	0
<b>Chief Manufacturing (Milestone)</b>	Install Track – Corporate Vertical	0.5	0	0.5
<a href="#">Christie Digital</a>	Digital Cinema	18.5	18.5	18.5
<b>Christie Digital</b>	M Series and J Series	17.5	17.5	17.5
<b>Christie Digital</b>	4K	1.0	1.0	0.0
<b>Christie Digital</b>	ABCs of DLP	1.0	1.0	0.0
<b>Christie Digital</b>	Christie Phoenix(eLearning)	0.75	0.75	0.75
<b>Christie Digital</b>	Audio Fundamentals	1.0	1.0	0.0

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Christie Digital	Digital Cinema Basics	0.5	0.5	0.0
Christie Digital	Digital Projector Anatomy	1.5	1.5	0.0
Christie Digital	Networking	0.5	0.5	0.0
Christie Digital	Pandora's Box	1.5	1.5	1.5
Christie Digital	Christie Phoenix (inClass)	7.0	7.0	7.0
Christie Digital	Video Wall Design	0.5	0.5	0.0
Christie Digital	Projection Technologies	1.0	1.0	0.0
Christie Digital	Resolution Basics	1.0	1.0	1.0
Christie Digital	Solaria 4K.	0.75	0.75	0.75
Christie Digital	Stereo 3D	0.5	0.5	0.0
Christie Digital	LED: A professional guide to selecting the right technology for your space	1	1	1
Christie Digital	Projection Illumination Technologies	1	1	1
Christie Digital	Projection Mapping Defined: The history, benefits, and future	1	1	1
Christie Digital Systems	LED A Professional Guide to Selecting The Right Technology for your Space	2.0	2.0	2.0
Christie Digital Systems	Projection Illumination Technologies	2.0	2.0	2.0
Christie Digital Systems	Projection Mapping: the Art of Pixelscaping Reality	2.0	2.0	2.0
Christie Digital Systems, Inc.	Digital Cinema	18.5	18.5	18.5
Christie Digital Systems, Inc.	M Series and J Series	10.5	10.5	10.5
Christie Digital Systems, Inc.	Christie D4K/ Roadie 4K	12.5	12.5	12.5
Christie Digital Systems, Inc.	Christie Spyder Training	7	7	7
Christie Digital Systems, Inc.	Phoenix Network Requirements	0.5	0.5	0.5
Christie Digital	Christie Boxer Installation & Service	7.5	7.5	7.5
Christie Digital	Digital Displays for Control Room and Digital Signage Solutions	14.0	14.0	14.0
Christie Digital	Laser Light Source	14.0	14.0	14.0
Christie Digital	LED Displays - Christie Certified Specialist	7.5	7.5	7.5
Christie Digital	LED Fundamentals	0.5	0.5	0.5

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<a href="#">Christopher Maione Associates</a>	Electrical Protection of AV & IT Equipment	0.75	0.75	0.75
<a href="#">CLEAR-COM</a>	Wireless Intercom	1.5	1.5	1.5
<b>CLEAR-COM</b>	FreeSpeak II Basestation	0.5	0.5	0.5
<b>ClearComm</b>	LQ Series IP Interface	1	1	1
<a href="#">ClearOne</a>	Pro Audio Advanced Technical Specialist	4.0	4.0	4.0
<a href="#">Contemporary Research</a>	Decision Points for Integrating an AV/RF/IP Media System	0.5	0.5	0.5
<b>Contemporary Research</b>	One Solution for RF Coax Systems	0.5	0.0	0.0
<b>Contemporary Research</b>	Digital RF - The Simple Solution to Distribute Digital Media	1.0	0.0	1.0
<b>Contemporary Research</b>	Digital RF and IPTV Convergence: Choosing the Right Solution	1.0	1.0	1.0
<a href="#">Control Concepts, Inc.</a>	What to Know about Programmed vs Configured Control System Solutions	1.0	1.0	0.0
<a href="#">Controlhaus Systems Design</a>	S# Pro Essentials for AV Programmers	2.0	0.0	2.0
<a href="#">Crestron</a>	Crestron: Audio Solutions	0.5	0.5	0.5
<b>Crestron</b>	Crestron: Creating the Huddle Room Experience	0.5	0.5	0.5
<b>Crestron</b>	Crestron: Integrating Streaming with Standard AV Switch Distribution	0.5	0.5	0.5
<b>Crestron Electronics</b>	DM Certified Designer-4K (DMC-D-4K)	4.0	4.0	4.0
<b>Crestron Electronics</b>	DM Certified - Engineer-4k (DMC-E-4k)	10.5	10.5	10.5
<b>Crestron Electronics</b>	DM Certified Technician - 4K	3.5	3.5	3.5
<b>Crestron Electronics</b>	Lighting Control Systems Programming	10.5	10.5	10.5
<b>Crestron Electronics</b>	Masters Training	12.0	12.0	12.0
<b>Crestron Electronics</b>	Crestron SIMPL# and SIMPL# Pro Certification	10.5	10.5	10.5
<b>Crestron Electronics</b>	Using Crestron Studio to Customize Systems for Residential Lifestyles	7.0	7.0	7.0
<b>Crestron Electronics</b>	How to Integrate and Maintain Crestron Systems	3.5	3.5	3.5

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<b>Crestron Electronics</b>	Crestron Certified Audio Technician	3.5	3.5	3.5
<b>Crestron Electronics</b>	Avia Audio Solutions: DSP Integration within Today's Professional System Environment	3.5	3.5	3.5
<b>Crestron Electronics</b>	DigitalMedia: NVX Design and Networking	10.5	10.5	10.5
<b>Crestron Electronics</b>	DigitalMedia Certified Streaming (DMC-S)	3.5	3.5	3.5
<b>Crestron Electronics</b>	DigitalMedia: Networking Certification	3.5	3.5	3.5
<b>Crestron</b>	Advanced Programming Skills (CTI-P301)	11.5	11.5	11.5
<b>Crestron</b>	Core System Programming (CTI-P201)	11.5	11.5	11.5
<b>Crestron</b>	Foundations of Crestron Programming (CTI-P101)	11.5	11.5	11.5
<b>Crestron</b>	Crestron Commercial System Design (CTI-CSD)	7.0	7.0	7.0
<b>Crestron</b>	Crestron Shading Technician	3.5	3.5	3.5
<b>Crestron</b>	Crestron Fusion Programmer (CTI-Fusion-P)	16	16	16
<b>Crestron</b>	Crestron Smart Graphics Training (CTI-SG)	16	16	16
<b>CTBO Ltd.</b>	Installation Level 1	0	0	15
<a href="#">Da-Lite Screen Company</a>	Two-Piece Projection Basics	0.5	0.5	0.5
<a href="#">Dataton Ab</a>	WATCHOUT Certified User	6.0	6.0	6.0
<b>Dataton Ab</b>	WATCHOUT Overview	2.0	2.0	0.0
<a href="#">Digital Projection International</a>	Factors to consider: LED Wall vs. Projection Solution	2.0	2.0	2.0
<b>Digital Projection International</b>	Defining an LED Wall Solution	0.5	0.5	0.5
<b>Digital Projection International</b>	Who Moved My Pixel? (Pixel Shift Technology)	1.0	1.0	0.0
<a href="#">Discover Video</a>	Discover Video Reseller Certification Training Program	9	9	9
<a href="#">Draper, Inc.</a>	Present an Experience – Using Projection Properly	0.5	0.5	0.0
<a href="#">EPSON AMERICA, INC</a>	The Importance of Image Sizing	0.50	0.50	0.50
<b>EPSON AMERICA, INC</b>	Epson Integration Certification 2017	3.00	3.00	3.00
<b>EPSON AMERICA, INC</b>	Color Light Output - A Projection Standard	0.75	0.75	0.75



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<b>EPSON AMERICA, INC</b>	Color Gamut - 3D Modeling	1.00	1.00	1.00
<b>EPSON AMERICA, INC</b>	Brightlink Pro Certification Program	2.00	2.00	2.00
<a href="#">Evolve Academy</a>	Panasonic Certified Projection Specialist	4	4	4
<a href="#">Extron</a>	Configuring for Control	1.0	0.0	0.0
<a href="#">Extron Electronics, Inc.</a>	Control Systems Design Guide for Professional AV Systems - 2nd Edition	2.0	2.0	0.0
<b>Extron Electronics</b>	Videowall Systems Advanced Training	2.0	2.0	2.0
<b>Extron Electronics</b>	Digital Design Guide; 3rd Edition	2	2	0
<b>Extron Electronics</b>	4K Signal Processing Technologies	1.0	1.0	0.0
<b>Extron Electronics</b>	Designing Systems for 4K and Beyond	1.0	1.0	1.0
<b>Extron Electronics</b>	Extron DTP/XTP Twisted Pair Systems	1.0	1.0	0.0
<b>Extron Electronics</b>	XTP-T Online	1.5	0.0	0.0
<b>Extron Electronics</b>	School of Emerging Technologies 4K	8.0	8.0	8.0
<b>Extron Electronics</b>	SDI& HD-SDI Design Guide	2.0	2.0	0.0
<b>Extron Electronics</b>	XTP Systems Online	6.0	6.0	6.0
<b>Extron Electronics</b>	Videowall Systems Design Guide for Professional AV Systems (1 <sup>st</sup> Edition)	2	2	2
<b>Extron Electronics</b>	Extron ProDSP Specialist	7.0	7.0	7.0
<b>Extron Electronics</b>	Extron ProDSP Specialist Program – EDSP	7.5	7.5	7.5
<b>Extron Electronics, Inc.</b>	Fiber Optic Systems Advanced Training	2.0	2.0	2.0
<b>Extron Electronics, Inc.</b>	AV Streaming Design Guide - 3rd Edition	2	2	0
<b>Extron Electronics, Inc.</b>	Fiber Optic Design Guide - 3rd Edition	2	2	0
<b>Extron Electronics, Inc.</b>	AV Streaming Technologies	1.0	1.0	1.0
<b>Extron Electronics, Inc.</b>	AV Control System Strategies for Today and Tomorrow	1.0	1.0	1.0
<b>Extron Electronics, Inc.</b>	Audio on the Network – Dante and VoIP	1.0	1.0	1.0
<b>Extron® Electronics, Inc.</b>	Are You Ready for AV Streaming and Recording?	1.0	1.0	0.0
<b>Extron® Electronics, Inc.</b>	Best Practices for AV Network Security	1.0	1.0	1.0
<b>Extron® Electronics, Inc.</b>	Conquering 4k Signal Processing Challenges	1.0	1.0	1.0
<b>Extron® Electronics, Inc.</b>	Videowall Systems Design Guide for Professional AV Systems (2 <sup>nd</sup> Edition)	2.0	2.0	2.0
<b>Extron® Electronics, Inc.</b>	Video Signal Processing Advanced Training	2.0	2.0	2.0
<b>Extron® Electronics, Inc.</b>	Extron Authorized Programmer	16	16	16

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<b>Extron® Electronics, Inc.</b>	AV Associate Certification Program	10	10	0
<b>Extron® Electronics, Inc.</b>	School of Extron Control Professional	12	12	12
<b>Extron® Electronics, Inc.</b>	School of Extron Control Specialist-ECS	8	8	8
<b>Extron® Electronics, Inc.</b>	Guide to Graphical User Interface Design (Rev. B)	2	2	0
<b>Extron® Electronics, Inc.</b>	AV Technology Summit	8	8	0
<b>Extron® Electronics, Inc.</b>	ECS Online	4	4	0
<b>Extron® Electronics, Inc.</b>	AV System Design Summer 2011	2	2	2
<b>Extron® Electronics, Inc.</b>	AV System Design Fall 2011	2	2	2
<b>Extron® Electronics, Inc.</b>	AV System Design Summer 2012	2	2	2
<b>Extron® Electronics, Inc.</b>	XTP Systems Engineer	8	8	0
<b>Extron® Electronics, Inc.</b>	School of XTP Systems Technician	8.0	0.0	8.0
<b>Extron® Electronics, Inc.</b>	XTP-T Online	1.5	0.0	0.0
<b>Extron® Electronics, Inc.</b>	AV Systems Design, Summer 2015	2	2	2
<b>Extron Electronics</b>	AV Technology for Learning Environments Guide (Book)	2.0	2.0	0.0
<b>Extron Electronics</b>	Extron Systems for Sound Reinforcement and Audio Reproduction	1.0	1.0	0.0
<b>Extron Electronics</b>	4K Fiber Optic System Solutions	1.0	1.0	0.0
<b>Extron Electronics</b>	AV Streaming Technology Advanced Training	2.0	2.0	2.0
<b>Extron Electronics</b>	Networking Principles	1.25	1.25	0.0
<b>Extron Electronics</b>	Audio Principles	1.25	1.25	0.0
<b>Extron Electronics</b>	Video Principles	1.25	1.25	0.0
<a href="#">Global Presence Alliance</a>	Sales Track	18.5	0	0
<b>Global Presence Alliance</b>	Operations Track	18.5	0	0
<b>Global Presence Alliance</b>	Global Presence Alliance Member Summit October 2017: Sales Track	17.0	17.0	17.0
<b>Global Presence Alliance</b>	Global Presence Alliance Member Summit October 2017: Operations Track	17.0	17.0	17.0
<a href="#">grAVITation Technologies, LLC</a>	Tesla Teaching Book	2.0	2.0	2.0

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<a href="#">HaiVision</a>	HaiVision Media Platform - Video for Enterprise	1.0	1.0	0.0
<b>Haivision</b>	Digital Signage Content Strategies	1.0	1.0	0.0
<b>Haivision</b>	Enterprise Video Porject Design	1.0	1.0	0.0
<b>HaiVision</b>	HaiSchool 3D	10	0	0
<a href="#">Harman International</a>	TS120: Technology Summit (Two Days)	8.0	8.0	8.0
<b>Harman International</b>	AD232: Audio Designer Audio System Design for AV Professionals	8.0	8.0	8.0
<b>Harman International</b>	ND232B: SVSI Designer: Networked AV Design for AV Professionals	4.0	4.0	4.0
<b>Harman International</b>	NP132: SVSI Programmer 1: Introduction to Javascript Programming	8.0	8.0	8.0
<b>Harman International</b>	NP134: Advanced Topics in Javascript for Panel Builder Software	4.0	4.0	4.0
<b>Harman International</b>	CC101: Core Curriculum   Audio Essentials	1	1	1
<b>Harman International</b>	CC102: Core Curriculum   Cabling Essentials	1	1	1
<b>Harman International</b>	CC103: Core Curriculum   Control Essentials	1	1	1
<b>Harman International</b>	CC104: Core Curriculum   Networking Essentials	1.5	1.5	1.5
<b>Harman International</b>	CC105: Core Curriculum   PC Essentials	1	1	1
<b>Harman International</b>	CC106: Core Curriculum   Video Essentials	1	1	1
<b>Harman International</b>	CP131: AMX Programmer 1 Introduction to NetLinx Programming (On Demand)	20	20	20
<b>Harman International</b>	AP132: Introduction to HiQnet Audio Architect (Intstructor Led)	7	7	7
<b>Harman International</b>	AP232: Audio Programming with BSS Soundweb London (Instructor Led)	8	8	8
<b>Harman International</b>	CD232: AMX Designer   Control System Design for AV Professionals (Instructor Led)	4	4	0
<b>Harman International</b>	CI232: AMX Integrated Solutions for Control Programmers (Instructor Led)	12	12	12
<b>Harman International</b>	CM132: AMX RMS Admin   User Operations for RMS Enterprise (Instructor Led)	4	4	4
<b>Harman International</b>	CM232: AMX RMS Programmer   NetLinx Programming for RMS Enterprise (Instructor Led)	8	8	8

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<b>Harman International</b>	CP232: AMX Programmer 2 NetLinx Programming for AV Professionals (Instructor Led)	20	20	20
<b>Harman International</b>	CP301: AMX Cafe Duet Java Programming for AV Professionals (Instructor Led)	12	12	12
<b>Harman International</b>	CS132: AMX Xpert Signage User Operations for Xpert Signage (Instructor Led)	8	8	8
<b>Harman International</b>	CT232: AMX Installer   Control System Commissioning for AV Professionals (Instructor Led)	12	12	12
<b>Harman International</b>	CT234: Commissioning and Troubleshooting AMX Schoolview	4	4	4
<b>Harman International</b>	ND101: Networked AV Design Essentials	1	1	1
<b>Harman International</b>	ND102: Fundamentals of Networked AV	2	2	2
<b>Harman International</b>	TS105: Technology Summit (Half Day)	2	2	2
<b>Harman International</b>	TS110: Technology Summit (One Day)	4	4	4
<b>Harman International</b>	AD141: Designing Commercial Audio Systems for Maximum Performance & Profit	1.0	1.0	1.0
<b>Harman International</b>	AD142: Designing Commercial Systems for Maximum Performance & Profit	2.0	2.0	2.0
<b>Harman International</b>	CP142: AMX Programming for AV Programmers	8	8	8
<b>Harman International</b>	AD144: Refining Loudspeaker Choice & Positioning, Using 3D Modeling	7.0	7.0	7.0
<a href="#">HDBaseT Alliance</a>	The HDBaseT Online Installer Expert Program	1	1	1
<b>HDBaseT Alliance</b>	The HDBaseT Alliance (Train the Trainer)	12	12	12
<b>HDBaseT Alliance</b>	The HDBaseT Installer Advanced Program	1.5	1.5	1.5
<b>HDBaseT Alliance</b>	The HDBaseT Installer Expert Program	3.0	3.0	3.0
<a href="#">Hikvision</a>	Basic Networking for Installing and Sharing Recorders	2.0	2.0	2.0
<b>Hikvision</b>	Thermal Cameras - Concepts and Applications	2.0	2.0	2.0
<b>Hikvision</b>	Video Analytics within IP Cameras, NVRs, and VMS Software	2.0	2.0	2.0
<b>Hikvision</b>	Video Compression Best Practices for Surveillance Bandwidth and Storage Efficiency	2.0	2.0	2.0
<b>IES Communications</b>	IES AV Standards	8.0	8.0	8.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<a href="#">Imaging Science Foundation</a>	ISF Level II Video Certification Training	12.0	0.0	12.0
<a href="#">Kramer</a>	4K	1	1	1
<b>Kramer</b>	AV-IT Switch Setup	1.00	1.00	1.00
<b>Kramer</b>	Video Range Extension Technologies	3.0	3.0	3.0
<b>Kramer Electronics</b>	Audio	1	1	1
<b>Kramer Electronics</b>	Collaboration	1	1	1
<b>Kramer Electronics</b>	Control Systems	1	1	1
<b>Kramer Electronics</b>	Digital Signage	1	1	1
<b>Kramer Electronics</b>	Digital Signal Management	1	1	1
<b>Kramer Electronics</b>	Distribution Amplifiers	1	1	1
<b>Kramer Electronics</b>	Installer Solutions	1	1	1
<b>Kramer Electronics</b>	Kramer @ Work	1	1	1
<b>Kramer Electronics</b>	KVM & KM	1	1	1
<b>Kramer Electronics</b>	Range Extenders	1	1	1
<b>Kramer Electronics</b>	Scalers	1	1	1
<b>Kramer Electronics</b>	Switchers & Routers	1	1	1
<b>Kramer Electronics</b>	Video Content Overlay	1	1	1
<b>Kramer Electronics</b>	Digital Signal Management	2.0	2.0	2.0
<b>Kramer Electronics</b>	Kramer Control Certification	2.0	2.0	2.0
<b>Kramer Electronics</b>	Kramer AVoIP Professional	12.0	12.0	12.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<b>Kramer Electronics</b>	Kramer AVoIP Associate	4.0	4.0	4.0
<b>Kramer Electronics Canada, Ltd.</b>	Designing Pro AV Systems for 4K	3.0	3.0	3.0
<b>Kramer Electronics Canada, Ltd.</b>	Video Range Extension Technologies	3.0	3.0	3.0
<a href="#">Lencore</a>	Sound Masking, Mass Notification, and Impact on Safety	0.5	0.0	0.0
<a href="#">Leyard and Planar,</a>	Video Wall Content Planning & Development	0.5	0.5	0.0
<b>Leyard and Planar</b>	Leyard CarbonLight LED Display Certified Installer Training	3.0	0.0	3.0
<b>Leyard and Planar</b>	Leyard CarbonLight LED Display Certified Installer Training	3.0	0.0	3.0
<b>Leyard and Planar</b>	Leyard TWS Series LED Video Wall Certified Installer Training	3.0	3.0	3.0
<b>Leyard and Planar</b>	Leyard DirectLight (DL2) LED Video Wall System Certified Installer Training	4.0	4.0	4.0
<b>Leyard and Planar</b>	Clarity Matric G3 LCD Video Wall Certified Installer Training	4.0	0.0	4.0
<b>Leyard and Planar</b>	Video Processing Necessities	0.5	0.5	0.0
<a href="#">Lightware Visual Engineering</a>	Behind the scenes of DVI, HDMI and DisplayPort	7.0	7.0	7.0
Lightware Visual Engineering	Behind the Scenes of HDMI and HDBaseT	2.0	2.0	2.0
Lightware Visual Engineering	Streaming the Future	0.75	0.75	0.75
Lightware Visual Engineering	Everything about EDID: theory, pitfalls, problem solving	2.0	2.0	2.0
Lightware Visual Engineering	Fiber optical transmission in AV	2.0	2.0	2.0
Lightware Visual Engineering	HDBaseT in theory and practice	1.5	1.5	1.5

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
Lightware Visual Engineering	What is 4K?	1.0	1.0	1.0
<a href="#">Listen Technologies</a>	Assistive Listening and ADA Compliance	1	1	1
<b>Listen Technologies</b>	Basic Hearing Loop Dealer (Level 1) Training & Qualification Webinar	1	1	1
<b>Listen Technologies</b>	One-Day Integration & Commissioning of Hearing Loop Systems (Level 2) Class	4.0	0.0	4.0
<a href="#">Matrox Graphics</a>	MKN-AV02: AV/IP - Joining the End-points	2.0	0.0	0.0
<b>Matrox Graphics</b>	MKN-AV-003 - AV/IP: Exploring and Understanding Image	2.0	0.0	0.0
<b>Matrox Graphics</b>	MKN-AV01: AV/IP - Exploring Streaming Protocols	1.5	0.0	0.0
<b>Matrox Graphics</b>	MKN-AV-000 - AV/IP: Fundamentals of AV/IP	0.75	0.0	0.0
<b>Matrox Graphics</b>	MKN-AV05: AV/IP - Understanding Compression in AV/IP	1.5	0.0	0.0
<b>Matrox Graphics</b>	MKN-AV04: AV/IP - Understanding Scaling of the Distributed Image	1.5	1.5	1.5
<a href="#">Media Vision USA</a>	MVP-SYS102: TAIDEN 5300 Series Level 1	1	0	0
<a href="#">Mersive Technologies, Inc.</a>	Solstice Training and Certification Program	1.0	1.0	1.0
<a href="#">Middle Atlantic Products</a>	Steps to Selecting a UPS	1	0	0
<b>Middle Atlantic Products</b>	Emerging Technologies that will Change the Future of AV	1.0	1.0	1.0
<b>Middle Atlantic Products</b>	USB in AV Applications	1.0	1.0	1.0
<b>Middle Atlantic Products</b>	USB Deep Dive Technology Exploration for AV Design and Integration	1.0	1.0	1.0
<b>Middle Atlantic Products</b>	Integrating Mobile Devices with into Fixed AV Assets	1.0	1.0	1.0
<a href="#">Milestone AV Technologies</a>	Certification Program - Legacy Course	13	0	13
<b>Milestone AV Technologies</b>	Roadshow 2016-2017	1	1	1
<b>Milestone AV Technologies</b>	Real World AV Networking - Just the IP Stuff You MUST Know	1.0	1.0	1.0
<b>Milestone Technologies</b>	AV Bridge MatrixMIX Technical Training & Product Certification	0.75	0.0	0.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<a href="#">NEC Display Solutions</a>	How to Determine the Right Display Technology	1	1	1
<b>NEC Display Solutions</b>	Control Rooms with Hiperwall and NEC	0.5	0.5	0.5
<b>NEC Display Solutions</b>	The Ins and Outs of Project Edge Blending Technology	0.5	0.5	0.5
<b>NEC Display Solutions</b>	Laser/Phosphor Optical Systems	0.5	0.5	0.5
<b>NEC Display Solutions of America, Inc.</b>	NEC Installation Projectors	0.5	0.5	0.5
<a href="#">New Bay Media-SCN</a>	SCN Think Tank	5.50	5.50	5.50
<b>New Bay Media - SCN</b>	Top ISE Trends	1.0	1.0	1.0
<b>New Bay Media – SCN</b>	Going Above and Beyond...Creating New Business Opportunities Through Excellent Customer Service	1.0	1.0	1.0
<a href="#">NSCA</a>	2017 NSCA Business & Leadership Conference	11.5	0.0	0.0
<a href="#">Optoma</a>	Understanding the Benefits of 4k Projections	0.5	0.5	0.0
<b>Optoma</b>	Laser Projection: Shedding Light on the Subject	0.5	0.5	0.5
<b>Optoma</b>	Projection 101	0.5	0.5	0.5
<b>Panasonic Marketing Europe</b>	Projector: Visual Expert	3.0	0.0	0.0
<b>Panasonic Marketing Europe</b>	Projector: Visual Advanced Expert	3.0	0.0	0.0
<b>Panasonic Marketing Europe</b>	Display: Visual Advanced Expert	3.0	0.0	0.0
<a href="#">Panasonic Media Entertainment Company</a>	Stream Forward The Ins & Outs of Remote Live Production	1.5	1.5	0.0
<a href="#">Peavey</a>	MediaMatrix Designer Bootcamp	5.5	5.5	5.5
<b>Peavey Electronics</b>	MediaMatrix 2 Day Training Course : Level I	7.5	7.5	7.5
<b>Peavey Electronics</b>	MediaMatrix and Nware Concepts	2	2	2



<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<a href="#">Peerless A/V</a>	Getting to Know the Basis - Peerless-AV Bronze Level Certification	1	1	0
<b>Peerless AV</b>	Fundamentals of Digital Signage Solutions- Peerless-AV Silver Level Certification	1	1	1
<b>Peerless AV</b>	Advanced Digital Signage Solutions Peerless-AV Gold Level Certification	1	1	1
<b>Peerless AV</b>	Mastering Wireless & Outdoor AV Solutions Peerless-AV Platinum Level Certification	1	1	1
<b>Peerless AV</b>	Frustration-Free Content Streaming	0.5	0.5	0.5
<b>Peerless AV</b>	Fundamentals of Digital Signage Solutions- Peerless-AV Silver Level Certification	1	1	1
<b>Peerless AV</b>	Advanced Digital Signage Solutions Peerless-AV Gold Level Certification	1	1	1
<b>Peerless AV</b>	Mastering Wireless & Outdoor AV Solutions Peerless-AV Platinum Level Certification	1	1	1
<b>Peerless-AV</b>	InfoComm: What We Saw	0.5	0.5	0.5
<b>Peerless-AV</b>	The 7 Principles of LED Displays.	0.5	0.5	0.5
<b>Persistent Telecom</b>	Cellular Telephone Technology	2	2	0
<a href="#">Planar</a>	Planar DirectLight LED Video Wall Certified Installer Training	4	0	4
<b>Planar, A Leyard Company</b>	Fundamentals of Fine Pitch Direct View LED Display Technology	1	1	0
<b>Planar, a Leyard Company</b>	Clarity Matrix LCD Video Wall System Certified Installer Training	3	0	3
<b>Planar, a Leyard Company</b>	Planar Mosaic Video Wall Certified Installer Training	2.5	0	2.5
<b>Planar, a Leyard Company and Leyard</b>	Clarity VCS Video Wall Processor Certified Installer Training	4	0	4
<a href="#">Powersoft Audio</a>	INTRODUCTION TO CLASS D	1.5	1.5	1.5
<b>Powersoft Audio</b>	Advanced Install	4.0	4.0	4.0
<a href="#">Prolyte Group/AC Lighting Inc.</a>	Truss Revealed: Technical Truss Training by Prolyte Group	3.0	3.0	3.0
<a href="#">PSNI</a>	SuperSummit'17	16	16	16
<b>PSNI</b>	PSNI Global Alliance - SuperSummit 2018	9.50	9.50	9.50
<b>PSNI</b>	The Use of the A-3 Management Process for Problem Solving"	6	6	6

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<a href="#">Purelink</a>	MPX Complete Digital Signage Solutions: Content and Player Management Software Training	1.0	1.0	1.0
<b>Purelink</b>	VIP and VPX : Comprehensive Solutions for AV and KVM over IP	1.0	1.0	1.0
<a href="#">QSC</a>	Q-Sys Level One In-Classroom Training	4	4	4
<b>QSC Audio Products, LLC</b>	Q-Sys Training Level 1 (Online)	4	4	4
<b>QSC Audio Products, LLC</b>	Q-Sys Training Level 2 (Classroom)	8	8	8
<b>QSC Systems</b>	Global AV Standards: How to go about it?	1.5	1.5	1.5
<b>QSC Systems</b>	Leveraging AV Technology via AV-USB Bridging to Enhance the Educational Experience in Classrooms.	4	4	4
<a href="#">Rational Acoustics LLC</a>	Smart Operator Fundamentals	9.5	9.5	9.5
<a href="#">rAVe Publications</a>	4K is Literally 2020: The Perfect Storm of Resolution and Colorimetry	1.5	0.0	0.0
<b>rAVe Publications</b>	Encouraging Interaction in the World of 'Me': Using Interactive LDC Displays	1	1	0
<b>rAVe Publications</b>	The Only Unbiased Explanation of How AV-over-IP Works	1.5	1.5	1.5
<b>rAVe Publications</b>	All You Need to Know About QLED	1.0	0	0
<b>rAVe Publications</b>	Emergence of the Collaboration Board in Huddle Space	1.0	0	0
<b>rAVe Publications</b>	The BIGGEST Trend in AV in 2018 Will Be... Kayye's Krystal Ball is Back!	1.0	1.0	1.0
<b>rAVe Publications</b>	Rumors of the Demise of the Projector Has Been Greatly Exaggerated	1.0	0.0	0.0
<b>rAVe Publications</b>	Being Smart About Smart Buildings	1.0	1.0	1.0
<b>rAVe Publications</b>	The Top 10 Things Gary Kayye Saw at DSE 2018	1.0	0.0	0.0
<a href="#">Renkus-Heinz, Inc.</a>	Theory and Practice of Beam Steered Line Arrays	2.0	2.0	2.0
<a href="#">RGB Spectrum</a>	RGB 301: Galileo Installation and Configuration	4.0	4.0	4.0
<b>RGB Spectrum</b>	RGB 301: MediaWall V Installation and Configuration	4.0	4.0	4.0
<b>RGB Spectrum</b>	RGB 301:Zio Installation and Configuration	4.0	4.0	4.0
<b>RGB Spectrum</b>	CIP 201: Design Engineering	2.0	2.0	2.0
<b>RGB Spectrum</b>	RGB 101: Product Sales Orientation	1.0	1.0	1.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<b>RGB Spectrum</b>	Networked AV Core Concepts	4.0	4.0	4.0
<b>RGB Spectrum</b>	Zio-101: Product Orientation	2.0	2.0	2.0
<b>RGB Spectrum</b>	Zio-201: Design Engineering	2.0	2.0	2.0
<a href="#">ROAM Consulting LLC</a>	Going Big: The Power of Projection Mapping	1.0	1.0	0.0
<b>ROAM Consulting LLC</b>	The Future is Now: Choosing The Right Digital Signage Solution	1.0	1.0	1.0
<a href="#">rp Visual Solutions</a>	The Art of Screens	1.5	0	0
<b>rp Visual Solutions</b>	Visualization - Focus on Control Rooms and Immersive Applications	2	0	0
<b>Rp Visual Solutions</b>	AV System Designers: Building Your Toolbox	4.5	4.5	0.0
<b>Rp Visual Solutions</b>	The Art of Displays: Creative Visual Structures from Concept to Reality	0.5	0.5	0.0
<b>rp Visual Solutions</b>	LED: To Mount, or Not to Mount?	2	0	2
<b>rp Visuals</b>	Art of Screens	0.5	0	0
<b>Sahara Presentation Systems PLC</b>	After Sales Technical Training	5.0	0.0	0.0
<b>Sahara Presentation Systems PLC</b>	X865SC Service Manual	2.0	0.0	0.0
<a href="#">Samsung</a>	Samsung Display Sales Expert Certification		2.25	
<b>Samsung Electronics America</b>	Samsung Certification Tier 1: IT Sales Specialist	1.5	1.5	0.0
<b>Samsung Electronics America, Inc.</b>	Specifying Outdoor Commercial Display Solutions	1	1	1
<a href="#">Screen Innovations</a>	Ambient Light Rejection Screens - The Perfect Screens for an Imperfect World	1.5	1.5	1.5
<a href="#">Shure</a>	Shure Microflex Advance Technical Training	0.5	0.5	0.5
<b>Shure Incorporated</b>	Microflex Advance Installation and Best Practices	0.5	0.5	0.5
<b>Shure Incorporated</b>	Microflex Wireless: Beyond the Basics	0.5	0.5	0.5
<b>Shure Incorporated</b>	How to Install Shure Microflex Wireless	0.5	0.5	0.5
<b>Shure® Inc.</b>	Advanced Wireless Seminar	5	5	5
<b>SpinetiX</b>	Introductory Training – Step into Digital Signage with SpinetiX	1.0	1.0	1.0
<b>SpinetiX</b>	Elementi Training Day – Simplifying Content Creation	3.0	0.0	0.0
<a href="#">Stampede Presentation Products</a>	Drone Operations in the US and Current FAA Regulations (Part 107)	1.0	0.0	0.0
<a href="#">Starin</a>	Facilitating the Enterprise Network for AV over IP Solutions	4.0	0.0	0.0
<b>Starin</b>	Synergy Leading with Value Propositions	2.0	2.0	2.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<b>Starin</b>	Synergy Installations	20.0	20.0	20.0
<b>Starin</b>	Implications of IP Paging & Notification Systems	2.0	2.0	2.0
<b>Starin</b>	Synergy Fundamentals	20.0	20.0	20.0
<b>Starin</b>	Synergy Design	20.0	20.0	20.0
<b>Starin</b>	Demystifying AV/IT Networks	2.0	2.0	2.0
<a href="#">Symetrix, Inc.</a>	Symetrix Specialization – Automixing Applications	1	1	1
<b>Symetrix, Inc.</b>	Symetrix Specialization – Control Programming Applications	1	1	1
<b>Symetrix, Inc.</b>	Symetrix Specialization – Loudspeaker Management Applications	1	1	1
<b>Symetrix, Inc.</b>	Symetrix Specialization – Priority Zone Mixing Applications	1	1	1
<b>Symetrix, Inc.</b>	Symetrix Specialization – Room Combining Applications	1	1	1
<b>Symetrix, Inc.</b>	Symetrix Specialization – Routing and Distribution Applications	1	1	1
<b>Symetrix, Inc.</b>	Symetrix Specialization – VoIP and Conferencing Applications	1	1	1
<b>Symetrix, Inc.</b>	SymNet Composer Online Training	4	4	4
<a href="#">Syn Aud Con</a>	Emergency Communication Systems (ECS) - Deployment	16	16	16
<b>Syn Aud Con</b>	Emergency Communication Systems (ECS) - Design	16	16	16
<b>Synergetic Audio Concepts</b>	Digital Signal Processing (Course 120)	12.0	12.0	12.0
<b>Synergetic Audio Concepts</b>	OptEQ - Equalization Demystified	24.0	24.0	24.0
<b>Synergetic Audio Concepts</b>	Making Wireless Work	18	0	18
<b>Synergetic Audio Concepts</b>	Sound System Tech	16	16	16
<b>Synergetic Audio Concepts, Inc.</b>	Sound Reinforcement for Designers	20	20	20
<b>Synergetic Audio Concepts, Inc.</b>	How Sound Systems Work	12.0	12.0	12.0
<b>Synergetic Audio Concepts, Inc.</b>	Principles of Audio	16.0	16.0	16.0
<b>Synergetic Audio Concepts, Inc.</b>	Transformer Distributive Loudspeaker Systems	9.0	9.0	9.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<b>Synergetic Audio Concepts, Inc.</b>	Audio Applications - System Optimization and EQ	14.0	14.0	14.0
<b>Synergetic Audio Concepts, Inc.</b>	Core Principles of Audio	16.0	16.0	16.0
<b>Synergetic Audio Concepts, Inc.</b>	Sound System Design	24.0	24.0	24.0
<b>Synergetic Audio Concepts, Inc.</b>	Principles of Sound System Design - 2 Day Seminar	16.0	16.0	16.0
<b>Synergetic Audio Concepts, Inc.</b>	Digital Signal Processing	12.0	12.0	12.0
<a href="#">Systems Contractor News</a>	SCN Think Tank	5.5	5.5	5.5
<a href="#">The Light Brigade</a>	Fiber Optics for Pro-AV and Broadcast	32.0	32.0	32.0
<a href="#">Thinklogical L.L.C</a>	Design and Manage a KVM switching system	4	4	4
<b>Thinklogical LLC</b>	Thinklogical Tech 100 Online Training	6.0	0.0	0.0
<b>Thinklogical LLC</b>	Thinklogical Tech 300 Advanced Training	8.0	8.0	8.0
<b>Tripp Lite</b>	KVM Switches	0.00	2.00	2.00
<b>Tripp Lite</b>	Switched PDUs	2.00	2.00	2.00
<a href="#">Tripp-Lite</a>	Digital Signage Solutions	2.0	2.0	2.0
<b>Tripp-Lite</b>	KVM Switches	0.0	2.0	2.0
<b>Tripp-Lite</b>	Switched PDUs (Technical Course)	2.0	2.0	2.0
<b>tvONE</b>	OLED The Curve of the Future	1	1	1
<b>Uteology</b>	UTC-1 Certified Technician, Level 1	10	10	10
<b>Uteology Corporation</b>	Solutions Selling to the Enterprise: Winning Big Deals with Big Margins	8	0	0
<b>Uteology Corporation</b>	How to Create a Managed Service Offering (90 min)	1.5	1.5	1.5
<b>Uteology Corporation</b>	How to Create a Managed Service Offering (60 min)	1.0	1.0	1.0
<a href="#">Vaddio</a>	Live Production and Cloud Convergence	0.5	0.0	0.0
<b>Vaddio</b>	Unified Communications - The Digital Disruption	0.5	0.0	0.0
<b>Vaddio</b>	Virtualization Classrooms across a Campus	0.5	0.5	0.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<b>Vaddio</b>	RoboTRAK Certification	0.5	0.5	0.5
<b>Vaddio</b>	AV Bridge Matrix Pro Certification	1.0	1.0	0.0
<b>Vaddio</b>	AV Bridge MatrixMIX and You – A match made in heaven	0.75	0.75	0.75
<a href="#">Visual Displays Ltd</a>	InfoComm MasterClass: DISCAS: ANSI/InfoComm Standard on display image size, viewer locations and relative content size	1.0	1.0	1.0
<a href="#">VITEC, Inc.</a>	Point to Point Streaming Design Essentials for Single and Multi-Site Environments	1.5	1.5	1.5
<a href="#">Williams Sound</a>	Williams Sound - Induction Loop Advanced Class - 8 hour - 1 Day Class	8	8	8
<a href="#">Wolfvision</a>	Network Basics AV/IT 101 3 Day	24.0	24.0	24.0
<b>WolfVision</b>	4K and Ultra High Definition Technologies and Applications	1	1	1
<b>WolfVision</b>	Intro to IT Security for AV Professionals	1	1	1
<b>WolfVision</b>	Software and Cloud Solutions Impact on AV- What Lync and Jabber Offer to the AV World	1	1	1
<b>WolfVision</b>	Touchscreen Technology Advancements	1	1	1
<b>Wolfvision</b>	Wolfvision Module 1- Visualizer and Cynap Introduction	1	1	1
<b>Wolfvision, Inc.</b>	Collaborations and Presentations in Media Rich BYOD Environments	2.0	2.0	2.0
<b>Wolfvision, Inc.</b>	Cynap Sales Certification Module 2	2.0	2.0	2.0
<b>Wolfvision, Inc.</b>	Cynap Certified Sales Module 3	2.0	2.0	2.0
<b>Wolfvision, Inc.</b>	Dispelling Top 10 Networked AV Myths	2.0	2.0	2.0
<b>Wolfvision, Inc.</b>	Top 10 Ways to Use AV/IT as Your Collaboration Catalyst	1.0	1.0	1.0

<u>Company</u>	<u>Course</u>	<u>CTS RUs</u>	<u>CTS-D RUs</u>	<u>CTS-I RUs</u>
<a href="#">Yamaha Corporation of America - Pro Audio Division</a>	CL/QL Series Essentials	3	3	3
<b>Yamaha Corporation of America - Pro Audio Division</b>	Digital Sound Reinforcement - Dante	3	3	3
<b>Yamaha Corporation of America - Professional Audio Division</b>	Acoustic Enhancement Systems and AFC Design Guidelines	1	1	0
<b>Yamaha Corporation of America - Professional Audio Division</b>	Dante Networking	1	1	1
<b>Yamaha Corporation of America - Professional Audio Division</b>	Nexo Products and Design Softwar for Performance Audio Systems	1	1	0
<b>Yamaha Corporation of America - Professional Audio Division</b>	Yamaha Consoles and Networks	1	1	0
<b>Yamaha Corporation of America - Professional Audio Division</b>	Yamaha Products and Software for Commercial Audio Systems	1	1	0
<a href="#">ZeeVee Inc.</a>	Zyper AV over IP	2.5	0.0	2.5
<b>ZeeVee, Inc.</b>	HD & SD Digital Video Distribution Systems using RF Modulation	1.0	1.0	1.0