SPECTRUM

# RGB Spectrum Training Courses

This catalog outlines the RGB Spectrum training courses that are currently offered.



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# Training Class Enrollment and Cancellation Policy

For RGB 101, 201 and 301 courses:

- Training courses will be listed on the RGB Spectrum website (http://www.rgb.com/training) on a quarterly basis. Each course lists a minimum class size, which will be enforced.
- To enroll, please contact us directly (training@rgb.com), or contact your Regional Sales Manager for more details.
- Please contact us at least one month prior to the scheduled class.
- When an enrollment request is received, a confirmation "pending" note will be emailed. In this email, we will include a class agenda, plus information about travel and hotel logistics.
- Once the minimum class size threshold is reached, confirmations will be issued.
- **Important**: Classes that do not meet the minimum threshold, by two weeks in advance, will be cancelled.

For RGB 101-S and 201-S classes:

- These special "Go-To" RGB Spectrum "solution" classes are scheduled on demand, and they can be held either on site at a customer location, or via Webex.
- To schedule a "Go-To" class, please contact us directly (training@rgb.com), or contact your Regional Sales Manager for more details.
- Please note:
  - For on-site classes, two weeks advanced notice and planning is required.
  - For Webex classes, three days advance notice is required.
  - Regional Sales Managers must be present on site, in order to hold a "Go-To" class.
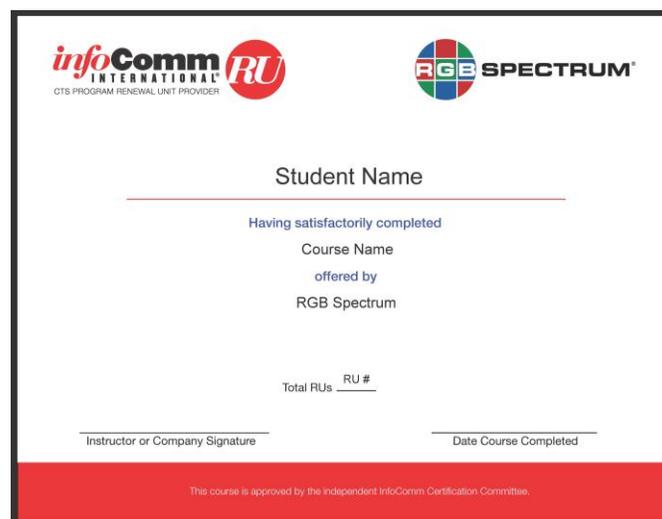
# InfoComm Renewal Units

As an InfoComm International® Renewal Unit (RU) Provider, RGB Spectrum demonstrates its commitment to providing quality education and training for audiovisual professionals, including Certified Technology Specialist™ (CTS®) holders and the specialized designations CTS®-D (Design) and CTS®-I (Installation).

The following table lists CTS RU amounts for each RGB Spectrum training course.  In this catalog, you will also find these RU amounts below each course description.

| Course | CTS RUs | CTS-D RUs | CTS-I RUs | Expiration Date |
|---|---|---|---|---|
| **RGB 101**:  Product Line Sales Orientation | 5.5 | 5.5 | 0.0 | 5/31/2017 |
| **RGB 201**: Product Installation and Configuration | 9.0 | 9.0 | 9.0 | 5/31/2017 |
| **RGB 301**: MCMS Installation and Configuration | 10.0 | 10.0 | 10.0 | 5/31/2017 |
| **RGB 101-S**:  RGB Spectrum End-to-End Solutions | 1.0 | 1.0 | 1.0 | 5/31/2017 |
| **RGB 201-S**:  RGB Spectrum Advanced End-to-End Solutions | 2.0 | 2.0 | 2.0 | 5/31/2017 |

## CTS Renewal Procedure

All levels of CTS certifications are awarded for three years.  To maintain and to renew your CTS certification, you need to accrue 30 renewal units (RUs) through continuing education during that period.  After completing one (or more) of the above listed RU-approved courses, you will receive a certificate from RGB Spectrum, a sample of which is shown below.

Student Name

Having satisfactorily completed

Course Name

offered by

RGB Spectrum

Total RUs ____ RU #

Instructor or Company Signature

Date Course Completed

This course is approved by the independent InfoComm Certification Committee.

Upload your certificate to your online transcript by logging into InfoComm University™ at www.infocomm.org/education, and select the CTS Transcript tab. This is a great way for you to keep track of all of your courses.

# RGB 101:  Product Line Sales Orientation

## Course Description

This certified sales training course is held on-site at RGB Spectrum headquarters.  The course provides a basic orientation on all five major categories of RGB Spectrum products (Codecs, Switchers, Wall Processors, Control Products and End Points).

## Course Details

- **Primary Audience**:  Sales representatives, dealers, and consultants.
- **Venue**: On site at RGB Spectrum headquarters.
- **Content**:  This course covers:
    - Product capabilities, connectivity and solutions.
    - Why customers should purchase these products.
    - Product features, benefits and the control pyramid.
    - Required peripherals (e.g., monitors, sources, networks, etc.).
- **Objective**:  At the conclusion of the class, students will be able to:
    - Understand each specific product's capabilities, features and benefits.
    - Understand what solutions are provided by the product.
    - Understand each product's functional role within a video system.
    - Understand the many ways in which a product can be controlled.
    - Understand what other components are required within a system.
- **Length**:
    - 2 days
- **Class size**:
    - Minimum:  8.  Maximum:  12
- **Prerequisites**:  Basic understanding of video and networking concepts.
- **Materials required**:  Laptop.
- **Tuition**:  None.
- **Certification**:  Yes.
    - Students successfully completing the exam with a passing score of 80% will be awarded the designation of "**RGB Spectrum Certified Sales Representative**."
    - Students can elect to take the course without certification, upon which they will be awarded a "**Certificate of Completion**."
- **InfoComm renewal units**:

| *info***Comm** INTERNATIONAL *RU* CTS PROGRAM RENEWAL UNIT PROVIDER  **Course** | CTS RUs | CTS-D RUs | CTS-I RUs | Expiration Date |
|---|---|---|---|---|
| **RGB 101**:  Product Line Sales Orientation | 5.5 | 5.5 | 0.0 | 5/31/2017 |

# RGB 201:  Product Installation and Configuration

## Course Description

This certified training course is held on-site at RGB Spectrum headquarters.  The course provides in-depth installation and configuration instructions on all five major categories of RGB Spectrum products (Codecs, Switchers, Wall Processors, Control Products and End Points).  Depending on the scope of the students and their specific system requirements, the class may elect to focus on a subset of the above products.

## Course Details

- **Primary Audience**:  Installers and system integrators.
- **Venue**:  On site at RGB Spectrum headquarters.
- **Content**:  This course covers:
    - Front panel and back panel descriptions.
    - Product installation, cabling and network requirements, hands on.
    - Setup and operation via WCP, command line and GUI.
    - Troubleshooting and maintenance.
    - Interactive system design.
- **Objective**:  At the conclusion of class, students will be able to:
    - Understand the functions and capabilities of each product.  Install and cable the product(s).
    - Set up network requirements and connections.
    - Set up inputs, outputs, EDID and HDCP functions.
    - Perform command line functions.
    - Operate the system and create/recall presets.
    - Perform troubleshooting and maintenance.
- **Length**:  3 days
- **Class size**:
    - Minimum: 6.  Maximum: 12
- **Prerequisites**:
    - Basic understanding of video and networking concepts.
- **Materials required**:  Laptop.
- **Tuition**:  $300.00 / day.  This fee is waived for installers and system integrators.
- **Certification**:  Yes.
    - Students successfully completing the exam with a passing score of 80% will be awarded the designation of "**RGB Spectrum Certified System Integrator**."
    - Students can elect to take the course without certification, upon which they will be awarded a "**Certificate of Completion**."
- **InfoComm renewal units**:

| infoComm RU CTS PROGRAM RENEWAL UNIT PROVIDER  Course | CTS RUs | CTS-D RUs | CTS-I RUs | Expiration Date |
|---|---|---|---|---|
| **RGB 201**: Product Installation and Configuration | 9.0 | 9.0 | 9.0 | 5/31/2017 |

# RGB 301:  MCMS Installation and Configuration

## Course Description

This training course is held on-site at RGB Spectrum headquarters.  The course provides installation, configuration, troubleshooting and maintenance instruction for any customer with an upcoming (pending) MCMS installation.  The course curriculum will focus on the customer's specific products within the MCMS system (e.g., their specific switcher, wall processor and endpoints).

## Course Details

- **Primary Audience**:  Installers and system integrators with an upcoming (pending) MCMS installation.
- **Venue**:  On site at RGB Spectrum headquarters.
- **Content**:  This course covers:
  - Front panel and back panel descriptions. Product installation, network requirements, setup, operation via WCP, command line and GUI.
  - Troubleshooting and maintenance.  MCMS network requirements and setup.
  - MCMS server, router and control station installation and setup.
  - MCMS Source and device installation and setup.
  - MCMS User setup, including profiles and permissions.  GUI orientation and operations.
- **Objective**:  At the conclusion of the class, students will be able to:
  - Install and cable the individual MCMS system components (Linx, OmniWall, MediaWall, etc.)
  - Set up all network requirements and connections, and perform command line functions.
  - Set up all inputs, outputs, EDID and HDCP functions.
  - Operate each individual component and create/recall presets.
  - Set up the MCMS server, router, control stations, devices, and users.
  - Operate the system via the MCMS GUI.  Perform basic troubleshooting and maintenance.
- **Length**:  3 days
- **Class size**:
  - Minimum: 6.  Maximum:  12
- **Prerequisites**:
  - Basic understanding of video and networking concepts.
- **Materials required**:  Laptop.
- **Tuition**:  None
- **Certification**:  Yes.
  - Students successfully completing the exam with a passing score of 80% will be awarded the designation of "**RGB Spectrum Certified MCMS System Integrator**."
  - Students can elect to take the course without certification, upon which they will be awarded a "**Certificate of Completion**."
- **InfoComm renewal units**:

| infoComm RU Course | CTS RUs | CTS-D RUs | CTS-I RUs | Expiration Date |
|---|---|---|---|---|
| **RGB 301**: MCMS Installation and Configuration | 10.0 | 10.0 | 10.0 | 5/31/2017 |

# RGB 101-S:  RGB Spectrum End-to-End Solutions

## Course Description

This special "on demand" presentation provides a basic overview of all RGB Spectrum products from a "solutions" perspective.  Basic product functionality is described for all five major categories of products (Codecs, Switchers, Wall Processors, Control Products and End Points).  These "building blocks" are then combined into unique solutions that solve customer challenges — from simple systems to advanced control room solutions.

Throughout the course, concepts and solutions are emphasized.  In addition, the flexibility of our products is underscored, and the fact that every system that we design is tailor-made to the customer's exacting requirements.

## Course Details

- **Primary Audience**:  Sales representatives, dealers, consultants, company staff.
- **Delivery**:  Webex, or on-site at a customer facility.
- **Content**:
    - Introduction to RGB Spectrum.
    - Product building blocks.
    - Solving customer challenges with RGB Spectrum solutions.  RGB Spectrum market expertise.
- **Objective**:  At the conclusion of the class, students will be able to:
    - Understand the capabilities and flexibility of each RGB Spectrum building block.
    - Understand how our products can be combined in unique solutions.
    - Understand RGB Spectrum as a "solutions" provider, rather than an "appliance" manufacturer.
- **Length**:
    - 2 hours
- **Class size**:
    - Minimum:  8.  Maximum:  No limit
- **Prerequisites**:  Basic understanding of video and networking concepts.
- **Materials required**:  None.
- **Customer requirements**:
    - If presented via Webex or on-site, the customer must provide a room, projector and screen.
    - The RGB Spectrum Regional Sales Manager must be present on-site.
- **Tuition**:  None.
- **Certification**:  Yes.
    - Students successfully completing the exam with a passing score of 80% will be awarded the designation of "**RGB Spectrum Certified Solutions Consultant**."
    - Students can elect to take the course without certification, upon which they will be awarded a "**Certificate of Completion**."
- **InfoComm renewal units**:

| Course | CTS RUs | CTS-D RUs | CTS-I RUs | Expiration Date |
|---|---|---|---|---|
| **RGB 101-S**:  RGB Spectrum End-to-End Solutions | 1.0 | 1.0 | 1.0 | 5/31/2017 |

# RGB 201-S: RGB Spectrum Advanced End-to-End Solutions

## Course Description

This special "on demand" presentation provides an in-depth overview of all RGB Spectrum products from a "solutions" perspective.  Product functionality is described for all five major categories of products, and then these "building blocks" are combined into unique solutions that solve customer challenges.  Product information includes connectors, I/O and processing capabilities and control flexibility.  The flexibility of our products is underscored, and the fact that every system that we design is tailor-made to the customer's exacting requirements.

## Course Details

- **Primary Audience**:  Design engineers, system integrators, consultants and installers.
- **Delivery**:  Webex, or on-site at a customer facility.
- **Content**:
    - Introduction to RGB Spectrum.  Product building blocks and in-depth product descriptions.
    - Solving customer challenges with RGB Spectrum solutions.
    - RGB Spectrum market expertise.
- **Objective**:  At the conclusion of the class, students will be able to:
    - Understand the capabilities of each RGB Spectrum building block.
    - Understand the I/O, format and control flexibility of each RGB Spectrum building block.
    - Understand how our products can be combined in unique solutions.
    - Understand RGB Spectrum as a "solutions" provider, rather than an "appliance" manufacturer.
- **Length**:
    - 4 hours
- **Class size**:
    - Minimum:  8.  Maximum:  No limit
- **Prerequisites**:  Basic understanding of video and networking concepts.
- **Materials required**:  None.
- **Customer requirements**:
    - If presented via Webex or on-site, the customer must provide a room, projector and screen.
    - The RGB Spectrum Regional Sales Manager must be present on-site.
- **Tuition**:  None.
- **Certification**:  Yes.
    - Students successfully completing the exam with a passing score of 80% will be awarded the designation of "**RGB Spectrum Certified Advanced Solutions Consultant**."
    - Students can elect to take the course without certification, upon which they will be awarded a "**Certificate of Completion**."
- **InfoComm renewal units**:

| InfoComm RU<br>INTERNATIONAL<br>CTS PROGRAM RENEWAL UNIT PROVIDER<br>Course | CTS<br>RUs | CTS-D<br>RUs | CTS-I<br>RUs | Expiration<br>Date |
|---|---|---|---|---|
| **RGB 201-S**:  RGB Spectrum Advanced End-to-End Solutions | 2.0 | 2.0 | 2.0 | 5/31/2017 |