

**Ruby-Sapphire-Topaz  
VASC Classroom Certification**

**Verifone<sup>®</sup>**  
**Training Partner**

**EXCEL EQUIPMENT**

**Vasc Training Information**

**Registration Information  
2021**

# Ruby/Sapphire/Topaz VASC Classroom Certification

## GENERAL INFORMATION

The objective of this course is to enable service technicians to become certified on the Ruby, Sapphire, Topaz solutions in order to complete new installations, warranty and repair work and perform software upgrades.

- Prior to registering for the Ruby/Sapphire/Topaz VASC Classroom Certification program students must have successfully completed the Ruby/Sapphire/Topaz VASC Pre-Course Certification. This packet allows the user to register for the classroom certification only.
- The Ruby/Sapphire/Topaz Pre-Course may be registered for on Verifone's Premier Portal. The registration link is found under the Learn tab and Register for Training link. Alternatively, you may fill the packet manually and fax your request. The packet is located under Learn and Petro Training Information.
- The Ruby/Sapphire/Topaz VASC Pre-Course must be completed within 90 days of the VASC attending the classroom certification. Should a student not attend class within 120 days of completing the pre-course exam, the pre-course must be purchased again at full price and the student will need to pass the pre-course exam again prior to attending class.
- The Ruby/Sapphire/Topaz VASC Classroom Certification is 5 days in length; 4 days of classroom training and 1 day for the certification exam. Each day will include 2 short breaks and 1 lunch break.
- Concepts delivered in pre-course are expanded upon in class. As a result, students will need to study the pre-course materials heavily. It is expected that students know the pre-course material prior to attending class.
- All classes and documentation are in English.
- Cancellations made 15-30 days before class will result in the option to reschedule or the tuition will be credited to your account. **Cancellations (or rescheduling) made 14 days or less in advance of class date will result in forfeiture of tuition.**
- Please remember all expenses, including hotel, meals, and transportation are the responsibility of the attending student.
- After each day of school, it is the technician's responsibility to contact their supervisor/manager to discuss the day's events and practice test scores. If an instructor observes the technician is performing below the standard or if the instructor feels the school is beyond the technician's comprehension, the instructor has the right to call the supervisor/manager to advise the student discontinue the training.

## REGISTRATION

To register for the Ruby/Sapphire/Topaz VASC Classroom Certification simply complete the Student Information Form and the Order Form and fax to the appropriate Verifone Training Center.

Registrations will be processed within 3 business days. A confirmation letter will be sent to the student and manager when the registration has been completed.

**Travel arrangements should not be made until a confirmation letter has been received.**

**NOTE: Prior to registering for the Ruby/Sapphire/Topaz VASC Classroom Certification program students must have successfully completed the Ruby/Sapphire/Topaz Pre-Course Certification within the last 90 days.**



# Ruby/Sapphire/Topaz VASC Classroom Certification

## REQUIRED Hardware

### Minimum Hardware Requirements (Laptop Computer)

(Mac, tablet, Surface, Chromebook not supported)

- CPU – 2.0 GHz processor or higher (32-bit or 64-bit)
- External Mouse (strongly encouraged)
- 9-Pin serial port, **MALE** connection or adapter

**NOTE: Many laptops are no longer manufactured with a 9-Pin serial port. Should this be the case there are several options, including:**

- USB to Serial Converter
- PC/MIA Serial Card
- Express Card
- Memory – 2 GB minimum
- Available Disk Space – 3 GB minimum
- Audio/Sound card
- 1 Ethernet port
- 1 USB port

**Students must have a correctly configured and working serial communications device PRIOR to attending Ruby/Sapphire/Topaz VASC Classroom Certification**

## REQUIRED Software

**Please ensure the following programs have been installed on the student's laptop PRIOR to attending training. Zipped files simply copied to the laptop hard drive ARE NOT installed.**

- Adobe Reader (latest version: <https://get.adobe.com/reader> )
- Internet Explorer, IE 8 or higher, or Edge Browser (required)
- Firefox (latest version)
- 7-zip File Utility (<https://www.7-zip.org/> )
- PuTTY (<https://www.putty.org/> )

### **Supported Operating Systems (32 or 64 bit):**

- Windows 7 (SP 1 or later)
- Windows 8
- Windows 10

**Note: The version used must be enterprise level, including Business, Pro, Enterprise, Ultimate. Only such versions have been tested and verified to work (no Media, home, starter, or student versions). Windows XP and Windows Vista are no longer supported.**

**Please ensure the student has downloaded and installed (unzipped) the most current copy of the VASC Service Manual.**

**NOTE: It is the responsibility of the attending technician to ensure the laptop is in good working order and functioning properly. This includes all software listed above and any peripheral equipment.**

## What To Bring To Class

When students attend the Ruby/Sapphire/Topaz VASC Classroom Certification they **must** bring the following:



## Ruby/Sapphire/Topaz VASC Classroom Certification

- Laptop
- **The laptop MUST conform to the above requirements and MUST have all the above listed programs fully installed PRIOR to attendance.**

### RUBY/SAPPHIRE/TOPAZ VASC CLASSROOM CERTIFICATION SCHEDULE

Class Dates 2021
September 20 - 24

The above schedule is for the **Ruby/Sapphire/Topaz** VASC classroom certification schools located in the Verifone Training Center located at Excel Equipment in Greenwood IN, 46143

**The Ruby/Sapphire/Topaz VASC classroom certification will certify the technician on Ruby, Sapphire, and Topaz.**

A complete listing of Ruby/Sapphire/Topaz VASC certification schools are located on Verifone's Premier Portal (<http://Premier.Verifone.com>), within the **Learn** section and the **Petro Training Information** link, you will find a link for "2020 Ruby/Sapphire/Topaz VASC School Schedule – Master List".



## Ruby Sapphire Topaz Class Outline

### Day One

- Ruby/Sapphire/Topaz VASC Entrance Exam
- Gemcom32/Backup & Restore Utility (Ruby)
- Sapphire GemPro Software Installation Review
- Ruby Only Configurations & Navigation Review
- Ruby Software Installation Review
- Sapphire NewPro Software Installation Review
- Ruby/Sapphire/HPV-20 Connectivity & Communications
- Practice Exercises

### Day Two

- Morning Quiz & Review
- Verifone Routing Requirements & Router Configuration
- GemCom32/Back-up & Restore Utility (Sapphire)
- Sapphire V910 /Smart Fuel Controller Installations
- Software Application Upgrades (GemPro)
- Software Review – Fuel/DCR/Network/Registration
- Sapphire Management Suite Review
- Practice Exercises

### Day Three

- Morning Quiz & Review
- Ruby Hardware Troubleshooting
- Sapphire Hardware Troubleshooting
- Topaz Hardware Review
- Topaz Software Installation Review
- Topaz/Sapphire Connectivity
- Topaz Diagnostics & Hardware Troubleshooting
- SMS Configuration Manager – Topaz Specific
- Topaz Operations Review
- Practice Exercises

### Day Four

- Morning Quiz & Review
- Peripheral Integration & Troubleshooting
- Advanced Router Configuration & Sapphire Remote Connectivity
- Installation Best Practices & Service Considerations
- Information Resources & Support Review
- Practice Exam & Review

### Day Five

- Final Exam (Ruby/Sapphire/Topaz)
- V910 Online Exam



**Attn:** Training Department

**Fax To:** 317-889-0052

**STUDENT INFORMATION FORM**

Please use one form for each student

Date of School you wish to attend: \_\_\_\_\_

**Student Information:**

Name:

Phone:

E-mail Address:

Special Needs or Other Comments:

**Company Information:**

Name:

Street Address:

Phone:

City or Province:

State:

Zip:

Country:

**Manager's Information:**

Name:

Phone:

E-Mail Address:

**Have questions about your registration?**

Call our Training Center at: 800-392-3513 or e-mail us at: [Training@Excel-equipment.com](mailto:Training@Excel-equipment.com)



## Ruby/Sapphire/Topaz VASC Classroom Certification

### ORDER FORM

1. Please complete the **entire** form.
2. This order will be entered in accordance with the prices, terms, delivery method, and specifications listed below.

QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL
	999-PCS-40068	Ruby/Sapphire/Topaz VASC Classroom Certification <i>Required for each student</i>	\$2000.00	\$
			<b>Total:</b>	\$

#### BILL TO:

Company:		
Street Address:		
City:	State:	Zip:
Phone:		
Purchase Order #:		
Date:		

Order Authorized By (Signature Required): \_\_\_\_\_

