

**Classroom Validation Requirements Model/
Device Validation Requirements Model
Tutorial Version 2.0**



**DIRECTORATE FOR LEARNING SYSTEMS
ENTERPRISE CLASSROOM PROGRAM
01 October 2021**

Introduction

The purpose of the Classroom Validation Requirements Model (CVRM) and Device Validation Requirements Model (DVRM) reporting is to validate TRADOC's Mission Essential Requirements (MER). The CVRM helps inform decisions pertaining to Classroom Prioritization, while the DVRM is used to validate the training device requirements for the annual TRADOC G6 LCR Consolidated Buy. The Enterprise Classroom Program (ECP) collects CVRM/DVRM data annually, reviews the data, and applies it to help inform decisions to maintain or adopt classrooms into the program, and advise TRADOC G6 on quantities of training devices for LCR. The intent of this tutorial is to inform and ensure standardization among CoE/school submissions throughout the process.

Methodology:

1. ECP produces a TRADOC TASKORD annually to validate the need for classrooms.
2. CoEs/schools assign enclave, room type, and training methodology to classroom inventory in the ECP Repository.
3. CoEs/schools assign enclaves and device type to each of the ATRRS courses scheduled for the upcoming fiscal year using the ECP Repository.
4. ECP and CoEs/schools conduct a review of the CVRM data at the conclusion of reporting period.
5. ECP will generate and disseminate DVRM reports to each CoE/school with the previous MER and new model calculation for device requirements for review during the MER Telecons.
6. CoEs/schools conduct MER telecons to concur on MER numbers prior to discussing with Directors of Training or G3s.

CoEs/schools provide inputs directly to the ECP Repository. The annual CVRM review is a two-step process within the Repository involving assignment of enclaves to scheduled ATRRS courses as well as assigning classrooms to enclaves. This also serves as the primary annual review of classroom inventory to correct room type, teaching methodology, etc. If other classroom data requires edits, CoEs/schools may submit a change request. If a new classroom requires adding to the Repository, CoE/school representatives may submit a new request to ECP.

General Directives:

1. **DO select an enclave for each course.** There are special options if a course is not scheduled for the upcoming fiscal year or if it for some reason, isn't associated with any enclave.

2. **DO add remarks** when required to help explain assignments other than an enclave.
3. **DO select and enclave for each classroom.** If a classroom is not used as a classroom, reflect that by changing the room type.
4. **If a classroom serves multiple courses, associate the classroom to the primary course taught (who primarily schedules the classroom).**
5. **DO select Room Type, and Training Methodology for each classroom.**
6. **DO add remarks** when required to help explain changes to a classroom.

Rules Applicable to CVRM Entry:

1. **Classroom Definition:** Only classrooms with an Instructor Presentation System (IPS) and support an ATRRS POI constitute a classroom. ECP categorizes labs or other unique rooms containing an IPS as classrooms; this is dependent upon instructional technology capabilities, not training aids. ECP manages classrooms with some or special classroom equipment on a case-by-case basis.

2. Lecture, Collaboration, and Simulation classrooms are included in the ECP classroom inventory. Mission Command Center of Excellence (MCCoE) manages the validation and prioritization of the Mission Command Learning Environment (MCLE)/Mission Command Arts and Science Program (MCASP) classrooms. **Do not** confuse simulation classrooms with MCASP classrooms.

3. **High bays and mobile carts** are not included in CVRM.

4. **Auditoriums** supporting POI requirements **are included** in CVRM.

5. **Conference rooms** are **not** included in CVRM MER determination.

CoEs/schools must maintain conference rooms.

6. Advanced Individual Training **Multipurpose Rooms are not** included in classroom inventories unless the CoE/school DoT or G3 provides POI justification.

7. If CoE/schools share a **classroom** between two or more schools, the school responsible for keys to the classroom and scheduling the classroom is the “owning” school and reports the classroom ownership. CoEs/schools place the classroom in the enclave associated to the owning school. Example: a classroom is physically located in the Armor School area of operation, but the Infantry School schedules courses in this classroom. The Armor School places the classroom in the Armor School enclave. There can be exceptions to this, based on building renovations and classroom refreshes.

The Annual CVRM Process:

Logging into the Repository

1. Using a browser on the Army network navigate to <https://ecp.army.mil>
2. When you arrive to the EAMS-A CAC Login, select login and enter the ECP Repository. Click “OK” on the entry page.

3. If you do not have an ECP Repository account, EAMS-A directs you to an account request page. Change any incorrect pre-populated data. Provide the reason for access authorization (Classroom Validation Requirements Model) and what School/Center/Site you need access to.

4. If you already have an ECP Repository account, you will see your dashboard.

Generate Classroom-Enclave Entry List

1. From the ECP Repository dashboard select **Classroom-Enclave Entry** link in the CVRM Classroom-Enclave section. Alternatively, you can select **Classroom-Enclave Entry** from the CVRM dropdown menu.

Classroom Reports

[Classroom by ATRRS School](#)

[Classroom by TRADOC School](#)

[Classroom by Installation](#)

[Classroom by Building](#)

Equipment Reports

[Search for equipment](#)

Classroom Utilization

[Utilization Summary](#) - Summary of Classroom Utilization entry and utilization percentage.

[Utilization Report](#) - Report of Classroom Utilization per classroom.

[Utilization Entry](#) - Enter Classroom Utilization data.

CVRM Course-Enclave mapping

[Course-Enclave Summary](#) - Summary of Course-Enclave assignments.

[Course-Enclave Report](#) - Report of Course-Enclave assignments.

[Course-Enclave Entry](#) - Enter Course-Enclave assignments.

CVRM Classroom-Enclave mapping

[Classroom-Enclave Summary](#) - Summary of Classroom-Enclave assignments.

[Classroom-Enclave Report](#) - Report of Classroom-Enclave assignments.

[Classroom-Enclave Entry](#) - Enter Classroom-Enclave assignments.

2. Use the entry filter to generate a list of the courses you need to enter enclave data for.

Home	Reports	Classroom Utilization	CVRM	Prioritization
CVRM Classroom-Enclave Entry				
Fiscal Year <input type="text" value="21"/>	Optional: Installation (10) <input type="text" value="Fort Eustis"/>	Options <input type="checkbox"/> Show IDs <input type="checkbox"/> Only Completed <input type="checkbox"/> Only Incomplete <input type="button" value="Generate Report"/>	Instructions: Select an Enclave, Room Type, Training Methodology, and Technology Package for each classroom. Orange background indicates incomplete/not set. Blue background indicates completed. If the drop-down remains red/orange after a selection the data has not been received by the server. This could be a network issue or an authentication timeout.	
0 rows visible. This number includes separate rows for A/B rooms and non-classrooms (e.g. communications closets) No results for this query.				

3. Confirm that the **Fiscal Year** is correct for the reporting year you are in.

4. If you have a lot of classrooms or are only responsible for entering classroom-enclave mapping for a subset of schools you may optionally select an installation and/or building.

5. Select generate report. The list of classrooms will appear with input fields for enclave and other data assignment.

Entering Classroom-Enclave Data

The Repository saves the data selected or entered in the input fields automatically when you navigate to another input field via click, tab, etc. The input field will briefly change to green to indicate the data saved. There is no “save” or “submit” button. If you lose network connectivity or have to stop mid-entry, any entered data automatically saves. An error dialog box appears and the input field turns orange if the data entered is beyond the bounds allowed.

CVRM Classroom-Enclave Entry for Fort Eustis FY21

Fiscal Year 21	Optional: Installation (10) Fort Eustis	Options <input type="checkbox"/> Show IDs <input type="checkbox"/> Only Completed <input type="checkbox"/> Only Incomplete	Instructions: Select an Enclave, Room Type, Training Methodology, and Technology Package for each classroom. Orange background indicates incomplete/not set. Blue background indicates completed. If the drop-down remains red/orange after a selection the data has not been received by the server. This could be a network issue or an authentication timeout.
	Optional: Buildings (0)	Generate Report	

41 of 41 rows visible. This number includes separate rows for A/B rooms and non-classrooms (e.g. communications closets) 0.05 seconds to generate.

The data table below auto-saves entries. There is no "submit" button.

?	COE	Site	Building Number	Building Name	Classroom	Verified	FY20 Enclave	FY20 Room Type	FY20 Training Methodology	FY21 Enclave	FY21 Room Type	FY21 Training Methodology	Primary ATRRS Course	Other
ECP	Sustainment Center of Excellence	Fort Eustis	2750	- Not Assigned -	1	Countable Classroom (1)	TCSEUS01	Classroom	Lecture	AVNEU: AVNEUS01 - NCOA and BDE HQ	Classrc Classroom	lecture lecture	FY20: 551-88U10	FY20: PH1; 8 8C-F3; F1 (CT
ECP	Sustainment Center of Excellence	Fort Eustis	2750	- Not Assigned -	2	Countable Classroom (1)	TCSEUS01	Classroom	Lecture	TCSEUS01 - MITD	Classrc Classroom (3)	lecture lecture (1)	FY20: 551-88U10 (T) PH 2	FY20: PH1; 8 8C-F3;
School	Sustainment Center of Excellence	Fort Eustis	405	- Not Assigned -	1	School Classroom (1)				No enclave assigned.				
ECP	Sustainment Center of Excellence	Fort Eustis	460	-Not Assigned-	Mobile Cart	Countable Classroom (1)	TCSEUS01	Mobile Cart	Collaborative	TCSEUS01 - MITD (196)	Mobile Mobile Cart			

1. The **Classroom** data is prepopulated based on the known classrooms, both ECP and CoE/school funded. If a classroom is not listed and should be, contact ECP immediately.
2. Select the primary **Enclave** in which the classroom is associated with. If the classroom is not associated with an enclave, select NONE. Do not leave an input field blank.
3. Select the **Room Type** that best characterizes the room. If a room is no longer a classroom please change the Room Type to an appropriate value (e.g. Office, Removed). Do not leave an input field blank.
4. Select the **Training Methodology** that best represents the usage of the classroom. Do not leave an input field blank.
5. Enter the **Primary ATRRS** course associated with this room. Leave this field blank if the classroom is not used for instruction.
6. Enter any **Other Directed Training** that occurs in this room. This field may be blank if it is not applicable.
7. You may add multiple **Comments** for each room. In particular, it is helpful to leave a remark if a course is associated to an enclave or not.

Generate Course-Enclave Entry List

1. From the ECP Repository dashboard select the **Course-Enclave Entry** link in the CVRM Course-Enclave section. Alternatively, you can select **Course-Enclave Entry** from the CVRM dropdown menu.

Classroom Reports

[Classroom by ATRRS School](#)

[Classroom by TRADOC School](#)

[Classroom by Installation](#)

[Classroom by Building](#)

Equipment Reports

[Search for equipment](#)

Classroom Utilization

[Utilization Summary](#) - Summary of Classroom Utilization entry and utilization percentage.

[Utilization Report](#) - Report of Classroom Utilization per classroom.

[Utilization Entry](#) - Enter Classroom Utilization data.

CVRM Course-Enclave mapping

[Course-Enclave Summary](#) - Summary of Course-Enclave assignments.

[Course-Enclave Report](#) - Report of Course-Enclave assignments.

[Course-Enclave Entry](#) - Enter Course-Enclave assignments.

CVRM Classroom-Enclave mapping

[Classroom-Enclave Summary](#) - Summary of Classroom-Enclave assignments.

[Classroom-Enclave Report](#) - Report of Classroom-Enclave assignments.

[Classroom-Enclave Entry](#) - Enter Classroom-Enclave assignments.

2. Use the entry filter to generate a list of the courses you need to enter enclave data for.

Course-Enclave Entry

Fiscal Year <input type="text" value="21"/>	ATRRS School <input type="text" value="-- Select School --"/>	Options <input type="checkbox"/> Only Completed <input type="checkbox"/> Only Incomplete <input type="button" value="Generate Report"/>
--	--	--

3. Confirm that the **Fiscal Year** is correct for the reporting period you are in.

4. If you have a lot of courses or are only responsible for entering course-enclave mapping for a subset of schools, you may **optionally** select an ATRRS school.

5. Select generate report. The list of courses appears with input fields for enclave mapping.

Entering Course-Enclave Data

The Repository saves the data selected or entered in the input fields automatically when you navigate to another input field via click, tab, etc. The input field briefly changes to green to indicate the data saved. There is no “save” or “submit” button. If you lose network connectivity or have to stop mid-entry, any entered data automatically saves. An error dialog box will appear and the input field will turn orange if the data entered is beyond the bounds allowed.

Home
Reports
Classroom Utilization
CVRM
Prioritization

Course-Enclave for Course-Enclave Entry FY21

Fiscal Year <input type="text" value="21"/>	ATRRS School <input type="text" value="Transportation - Eustis"/>	Options <input type="checkbox"/> Only Completed <input type="checkbox"/> Only Incomplete <input type="button" value="Generate Report"/>	Instructions: Select an Enclave and Device Type for each course. Orange background indicates incomplete/not set. Blue background indicates completed. If the drop-down remains red/orange after a selection the data has not been received by the server. This could be a network issue or an authentication timeout.
--	--	--	---

26 of 26 rows visible. This number includes separate rows for A/B rooms and non-classrooms (e.g. communications closets) 0.05 seconds to generate.

The data table below auto-saves entries. There is no "submit" button.

FY	ATRRS School	Course Number	Course Name	Phase	Enclave	Devices	Comments
21	Transportation - Eustis	062-88K10	WATERCRAFT OPERATOR		TCSEUS01 - MITD Fort Eustis TCSEUS01 - MITD	Mobile and Mobile and Fixed Devices (3)	Additional comments here .:
21	Transportation - Eustis	062-F5	WATERCRAFT OPERATOR CERTIFICATION		TCSEUS01 - MITD Fort Eustis TCSEUS01 - MITD		Additional comments here .:
21	Transportation - Eustis	062-F8	GLOBAL MARITIME DISTRESS SAFETY SYSTEM (CERT)				Additional comments here .:
21	Transportation - Eustis	4H-881A	MARINE ENGINEERING OFFICER WO BASIC				Additional comments here .:
21	Transportation - Eustis	500-ASIR1 (42A/89B /92A)MC	ROUGH TERRAIN CONTAINER HANDLER OPERATOR				Additional comments here .:
21	Transportation - Eustis	551-88U10	RAILWAY SPECIALIST				Additional comments here .:
21	Transportation - Eustis	551-88U10 (T)	RAILWAY SPECIALIST	1			Additional comments here .:

1. The **Course** data is prepopulated based on the courses listed in ATRRS for the pending fiscal year. If a course is missing please contact ECP.
2. Select the primary **Enclave** in which a course is conducted. If the course is not associated with an enclave, select NONE. If a course is listed, but will not be scheduled for the fiscal year select NOT SCHEDULED. Do not leave an input field blank.
3. Select the **Device Type(s)** utilized for this course. Select Not Applicable (N/A) if the course does not utilize fixed or mobile devices. Do not leave an input field blank.
4. You may add multiple **Comments** for each course. In particular, it is helpful to leave a remark if a course is not associated to an enclave.

The Annual DVRM Process:

The DVRM analysis utilizes the device type assignment that the CoE/schools perform during the Course-Enclave Data entry phase of the CVRM.

Upon validation that the Course-Enclave Data entered is complete, ECP will generate a report and disseminate to each CoE/school. The report will include the previously agreed to Device MER and the model calculation for devices against the current ATRRS load.

ECP will review the report with the CoE/schools during the MER telecoms and jointly determine if the MER should stay the same or be adjusted.