

Course Number: 551-88U10 (P) (T)

Phase: 2

Course Title: Railway Specialist

Management Category: ADT

Status: Validated

Quarter: 3

Fiscal Year: 2016

Version: 2.0

Errata Sheet: No Data

CRM Course Administrative Data (CAD) Cover Page

Security Clearance: Students in this course do not require a Security Clearance for: Unclassified

	Proponent	School Code
Design and Development:	Combined Arms Support Command	151
Instructor Provided Support:	Transportation School	551
POI Course Proponent:	Transportation School	551
Training Evaluation Proponent:	Combined Arms Support Command	151

Class Sizes-	Maximum: 12	Optimum: 12	Minimum: 8
Course Length-	Weeks: 2	Days: 0	Hours: 96
Training Days: 10	Training Week: 5	Calendar Type: 01	
Total Academic Hours: 88.0			

Purpose: To provide skills needed to perform the duties of a Railway Specialist (MOS 88U) under varying field conditions. To provide initial entry training for enlisted personnel who are retrained or who enlist in MOS 88U. This is a reserve component resident course.

Phase Scope: Course includes locomotives and rail cars, movement of equipment, and safety within the general area and during use of equipment. General skills include care and use of hand tools. Technical skills include operation of engine controls; observing, interpreting, and executing instructions received from signal towers, switches, other trains, and train crewmembers; signaling with fuses, torpedoes, hand flags, lamps, and engine whistles; performing car coupling and uncoupling operations; inspecting rail cars at stops; adjusting lashing and bracing to assure safe hauling of cargo; advising the dispatcher of the arrival and departure of all passing trains; compiling records of locations of all rolling stock; performing lubrication orders on railway cars and making minor running repairs; sealing cars; recording seal numbers; general maintenance; and general track repair.

Phase Prerequisites: Reserve component enlisted personnel entering into MOS 88U. All students must show up with Steel Toed Boots and Safety Glasses.

Special Information: Graduation Requirements (Subject to provisions of TR 350-6)

NOTE: All training specified below, as required for graduation, will be made up if missed, and must be recorded on the Individual Training Record for IET Soldiers and DA Form 1059 for MOS-T Soldiers. The Soldier will be required to meet the performance/learning objectives specified in the POI for the instruction missed. Time required for makeup training will be determined locally.

a. Pass the APFT with a minimum of 60 points in each event.

b. Perform car coupling operations.

(Change knuckle (heaviest task) is a subtask to Perform Car Coupling Operations)

Change knuckle IAW TM 55-203 without injury to personnel or damage to equipment.

Knuckles fit within couplers on the car and weigh 80 lbs. Must be lifted and carried to work area as well as placed into coupler.

Couplers which weigh 100 pounds mounted and must be pushed or pulled into alignment for test of knuckle operation.

Frequently makes and interprets visual warning or directional signals by hand, flags and lamps to identify work area and speed restrictions.

Must have color vision to interpret red, blue, yellow and green signal flags .

c. Complete all mandatory classroom instruction.

d. Pass all Hands-on/Written evaluations.

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Phase Remarks: ENVIRONMENTAL: AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTL OMPF to ensure all training procedures, training manuals, and training doctrine include sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. This Program of Instruction meets this standard.

b. SAFETY: Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this course.

c. MEDICAL SUPPORT TO TRAINING: Installation commanders and school commandants will assess and certify the adequacy of medical support to training at least annually. This responsibility is not delegable. Installation commanders and school commandants conducting high risk training shall rehearse their medical support (casualty response, evacuation, and treatment) plan at least annually, focused on responding to a training catastrophe. This Program of Instruction complies with the intent of the Army's medical support to training policy.

d. OPERATIONAL ENVIRONMENT. The learning objectives in Army training must comply with current Joint, Army, and Branch doctrine regarding the Operational Environment (OE) and Opposing Force (OPFOR) scenarios. This Program of Instruction (POI) addresses this principle and incorporates current doctrine and lessons learned at the appropriate level, divesting of obsolescence, and implementing full spectrum operations in the OE in classrooms and training exercises.

e. LESSONS LEARNED. Competent leaders must understand and apply the techniques and procedures that produce the best possible performance. The Center for Army Lessons Learned (CALL) collects and analyzes data from a variety of current and historical sources, including Army operations and training events, and produces lessons for military commanders, staff, and students. The Transportation School draws upon the CALL resource as well as from experienced staff and faculty to inculcate the most recent operational and OE lessons learned, particularly those lessons related to the Overseas Contingency Operations (OCO) and survival on the battlefield, into resident and non-resident training materials. This Program of Instruction (POI) complies with this objective.

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Transportation School, Fort Lee, Va foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

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Course Administrative Data

Approval Date: 18 Apr 2016
Approval Authority: MICHEL M. RUSSEL, Sr., BG, USA Transportation (TC) Commandant
ACOM Approver Validation Date: 21 Apr 2016 **TRAS Log Number:** C16-685
ACOM Reviewer Validation Date: No Data
TATS-Course: No
Training Location(s): 551 Transportation School

Specialty: 88U1 RAILWAY OPR CRMBR (RC)

	<u>Proposed</u>	<u>ACOM Approver Adjusted</u>	<u>ACOM Reviewer Adjusted</u>
ICH			
Unique:	170.60	170.60	0.00
Non-Fly:	0.00	0.00	0.00
TOTAL:	170.60	170.60	0.00

	<u>Proposed</u>	<u>ACOM Approver Adjusted</u>	<u>ACOM Reviewer Adjusted</u>
ACADEMIC HOURS			
Unique:	88.0	88.0	0.0
Developed by Others:	0.0	0.0	0.0
Conducted by Others:	0.0	0.0	0.0
TOTAL (50 min hr):	88.0	88.0	0.0

	<u>Proposed</u>	<u>ACOM Approver Adjusted</u>	<u>ACOM Reviewer Adjusted</u>
INSTRUCTOR ACTIONS			
Instructor Actions:	00:00	00:00	00:00
TOTAL (60 min hr):	00:00	00:00	00:00

	<u>Proposed</u>	<u>ACOM Approver Adjusted</u>	<u>ACOM Reviewer Adjusted</u>
OTHERS HOURS			
Flight Hours	0.0	0.0	0.0
Flight Block Hours	0.0	0.0	0.0
Cockpit Procedural Trainer Hours	0.0	0.0	0.0
Simulator Hours	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0

	<u>Proposed</u>	<u>ACOM Approver Adjusted</u>	<u>ACOM Reviewer Adjusted</u>
OTHERS MANPOWER			
Academic Instructor	0.0	0.0	0.0
Simulator Operator	0.0	0.0	0.0
Instructor Pilot	0.0	0.0	0.0
Cockpit Procedural Trainer Instructor	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0

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Instructor : Student - Worst Case: No Data

Refresher Course: No

Course Type Code: 07 - Enlisted MOS (Non RSI)

ITRO Status: Q - Quota Course/Non-ITRO

Contract Status: N - Not a Contract Course

Summary Status: T - SKILL LEVEL TEN COURSE

Course Availability: N - COURSE MAY NOT BE TAUGHT AT RTI SCHOOLS (CMD V/W)

Budget and OSD Type: 321731 - C1A - INITIAL SKILL (ENLISTED)

MDEP: TATC - ARMY TNG CNTR OPNS

MTSA/MTSS: No

ACOM Approver Remarks: No Data

ACOM Reviewer Remarks: No Data

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Projected Ammunition Summary

None Required.

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Projected Facility Summary

None Required.

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Projected Equipment Summary

None Required.

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Projected Support Personnel Summary

None Required.

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Projected TADSS Summary

None Required.

