



# Electronic Health Record (EHR) Training Grid for Electronic Health Record (EHR) Clinical Informaticists

## Phase 1

The training grid provides a current state guide to role-based training considering both existing curricula and identified needs for future curriculum development. This grid was developed in collaboration with the IHS Chief Health Informatics Officer, Informatics Program Manager, Deployment Manager, area Clinical Informaticists, and field users and included consultative input from the Office of the National Coordinator. The training program is undergoing assessment and improvement. Trainings offered reflect high priority needs based on the training grid, feedback provided through the Training Needs assessment survey, and input via the Area Clinical Informaticists. Depending on demand and capacity, we may add trainings through the year and/or modify the training grid as our training program evolves to meet the needs of the field.

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Phase	Phase 1	Phase 1	Phase 1	Phase 1	Phase 1	Phase 1
Skills-Based Function by Roles	Course 1: Basic Electronic Health Record (EHR) Clinical Informatics	Course 2: Advanced Electronic Health Record (EHR) Clinical Informatics	Course 3: Advanced Text Integration Utility (TIU)	Course 4: Electronic Health Record (EHR) Clinical Reminders	Course 5: Data Management for Clinical Informaticists	Course 6: Patient Registration
Recording Availability	Recordings available	Recordings available	Recordings available	Recordings available	Do not have recordings	Recordings available
Electronic Health Record (EHR) Clinical Informaticist	X	X	X	X	X	X
Health Information Management (HIM) Clinical Informaticist	Recommended	X	X	Recommended	X	X
Health Information Management (HIM) Management			X	Recommended	X	X
Pharmacy Informaticist	X	X	X	Recommended	X	Recommended
Laboratory Informaticist	X	X	X	Recommended	X	Recommended
Radiology Informaticist	X	X		Recommended	X	Recommended
Information Technology	X	X				
Quality Assurance/Process Improvement Professional (QA/PI)	Recommended			Recommended		Recommended
Utilization Review						
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>					X	
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>					X	

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### Phase 2

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Phase	Phase 2	Phase 2	Phase 2	Phase 2	Phase 2	Phase 2	Phase 2	Phase 2
Skills-Based Function by Roles	Course 7: Patient Care Component (PCC) Data Capture	Course 8: QPP & Interoperability (Formerly MU)	Course 9: Immunizations Tracing & Exchange	Course 10: Resource and Patient Management System (RPMS) Suicide Reporting	Course 11: Behavioral Health Overview & Individual Visit Entry	Course 12: Integrated Behavioral Health	Course 13: Understanding Medication Management's Impact on Electronic Health Record (EHR) for the Informaticist	Course 14: Vista Imaging
Recording Availability	Do not have recordings	Recordings available	Do not have recordings	Recordings available	Recordings available	Recordings available	Recordings available	Some recordings available
Electronic Health Record (EHR) Clinical Informaticist	X	X	X	X	X	X	X	X
Health Information Management (HIM) Clinical Informaticist	X	X	X	X	X	X	X	X
Health Information Management (HIM) Management	X	X	X	X	X	X	X	X
Pharmacy Informaticist		X	X	Recommended		X	X	
Laboratory Informaticist		X	Recommended				X	X
Radiology Informaticist		X					X	X
Information Technology			X					X
Quality Assurance/Process Improvement Professional (QA/PI)	Recommended	X	X	Recommended	Recommended	X	X	Recommended
Utilization Review	Recommended					X		
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>		X			X	X	X	
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>		X	X	X		X	X	

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### Phase 3

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Phase	Phase 3	Phase 3	Phase 3	Phase 3	Phase 3	Phase 3
Skills-Based Function by Roles	Course 15: Electronic Health Record (EHR) Prenatal Optimization	Course 16: Behavioral Health System	Course 17: Patient Care Components (PCC) Outputs	Course 18: QMAN	Course 19: Diabetes Management System	Course 20: Resource and Patient Management System (RPMS) Admin Bootcamp
Recording Availability	Recordings available	Some recordings available	Do not have recordings	Do not have recordings	Recordings available	Some recordings available
Electronic Health Record (EHR) Clinical Informaticist	Recommended	X	X	X	X	X
Health Information Management (HIM) Clinical Informaticist	Recommended	X	X	X	X	X
Health Information Management (HIM) Management	Recommended	X	X	X	X	Recommended
Pharmacy Informaticist	Recommended	Recommended	X	X	X	Recommended
Laboratory Informaticist	Recommended		X	X	Recommended	Recommended
Radiology Informaticist	Recommended		X	X		
Information Technology			X	X		X
Quality Assurance/Process Improvement Professional (QA/PI)	Recommended	Recommended	X	X	X	
Utilization Review	Recommended		X	X		
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>	Recommended	X	Recommended	X	X	
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>	Recommended	X	Recommended	X	X	

## Electronic Health Record (EHR) Training Grid for Electronic Health Record (EHR) Clinical Informaticists

### Phase 4

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Phase	Phase 4	Phase 4	Phase 4	Phase 4
Skills-Based Function by Roles	Course 21: ADT for Hospitals (Admission- Discharge-Transfer)	Course 22: Electronic Health Record (EHR) for the Emergency Department (ED) Toolkit (Hospitals)	Course 23: Bar Code Medication Administration (BCMA)	Course 24: Electronic Health Record (EHR) Prenatal Optimization
Recording Availability	Do not have recordings	Recordings available	Recordings available	Recordings available
Electronic Health Record (EHR) Clinical Informaticist	X	X	X	X
Health Information Management (HIM) Clinical Informaticist	X	X	X	X
Health Information Management (HIM) Management	X	X	X	X
Pharmacy Informaticist	X	X	X	X
Laboratory Informaticist	Recommended	X		X
Radiology Informaticist	Recommended	X		X
Information Technology		Recommended	X	
Quality Assurance/Process Improvement Professional (QA/PI)	Recommended	X	X	X
Utilization Review	Recommended		X	X
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>		X	X	X
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>	Recommended	X	X	X

## Electronic Health Record (EHR) Training Grid for Electronic Health Record (EHR) Clinical Informaticists

### Recommended External Training

The training grid provides a current state guide to role-based training considering both existing curricula and identified needs for future curriculum development. This grid was developed in collaboration with the IHS Chief Health Informatics Officer, Informatics Program Manager, Deployment Manager, area Clinical Informaticists, and field users and included consultative input from the Office of the National Coordinator. The training program is undergoing assessment and improvement. Trainings offered reflect high priority needs based on the training grid, feedback provided through the Training Needs assessment survey, and input via the Area Clinical Informaticists. Depending on demand and capacity, we may add trainings through the year and/or modify the training grid as our training program evolves to meet the needs of the field.

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Phase	Recommended External Training	Recommended External Training
Skills-Based Function by Roles	<b>Course 25: Project Management</b>	<b>Course 26: Health Informatics Certification</b>
Recording Availability	Do not have recordings	Do not have recordings
Electronic Health Record (EHR) Clinical Informaticist	X	X
Health Information Management (HIM) Clinical Informaticist	X	X
Health Information Management (HIM) Management	X	X
Pharmacy Informaticist	X	X
Laboratory Informaticist	X	X
Radiology Informaticist	X	X
Information Technology	X	X
Quality Assurance/Process Improvement Professional (QA/PI)	X	X
Utilization Review	X	X
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>	X	Recommended
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>	X	Recommended

# Electronic Health Record (EHR) Training Grid for Electronic Health Record (EHR) Clinical Informaticists

## Supplemental Courses

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Phase	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental	Supplemental
Skills-Based Function by Roles	<b>Course 27: Health Information Management (HIM) Clinical Informaticists</b>	<b>Course 28: iCare</b>	<b>Course 29: Pharmacy Informaticist</b>	<b>Course 30: Drug File Optimization (ePrescribing, Consolidated Mail Outpatient Pharmacy (CMOP), Bar Code Medication Administration (BCMA))</b>	<b>Course 31: Introduction to Lab Package</b>	<b>Course 32: Intermediate Lab Package</b>	<b>Course 33: Reference Lab Interface</b>	<b>Course 34: Radiology Package to Include Current Procedural Terminology (CPT) Updates</b>	<b>Course 35: Referred Care Information System (RCIS) &amp; Purchased/Referred Care (PRC)</b>	<b>Course 36: Third Party Billing</b>	<b>Additional Courses: Graphic User Interface Packages</b>
Recording Availability	Recordings available	Recordings available	Recordings available	Some recordings available	Recordings available	Do not have recordings	Do not have recordings	Recordings available	One recording available	Recording available	
Electronic Health Record (EHR) Clinical Informaticist	X	X	Recommended		Recommended			Recommended		Recommended	All
Health Information Management (HIM) Clinical Informaticist	X	X			Recommended			Recommended		Recommended	BPRM (Practice Management Suite), PHR (Personal Health Record), DIRECT Secure Messaging
Health Information Management (HIM) Management	Recommended	X						Recommended	X	Recommended	BPRM (Practice Management Suite), PHR (Personal Health Record), DIRECT Secure Messaging
Pharmacy Informaticist		X	X	X	Recommended				X	Recommended	
Laboratory Informaticist		X			X	X	X			Recommended	LEDI, GIS (Reference Lab Interface)
Radiology Informaticist		X						X		Recommended	
Information Technology											PHR (Personal Health Record), DIRECT Secure Messaging
Quality Assurance/Process Improvement Professional (QA/PI)		X						X	X		BPRM (Practice Management Suite), DMS (Diabetes Management Systems), CRS (Clinical Reporting Systems)
Utilization Review										Recommended	BPRM (Practice Management Suite), CRS (Clinical Reporting Systems)
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>		X	X								
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>		X									

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### Future Courses

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Future Courses	Future Courses
Skills-Based Function by Roles	Course: Clinical Documentation Improvement Strategies
Recording Availability	
Electronic Health Record (EHR) Clinical Application Coordinator (CAC) Informaticist	X
Health Information Management (HIM) Clinical Informaticist	X
Health Information Management (HIM) Management	X
Pharmacy Informaticist	X
Laboratory Informaticist	X
Radiology Informaticist	X
Information Technology	X
Quality Assurance/Process Improvement Professional (QA/PI)	X
Utilization Review	X
Provider Management <i>Examples: Physician, Physician Assistant, or Nurse Midwife whose role may be Clinical Director, Medical Director, Chief Medical Officer, Department Head</i>	X
Nurse Management <i>Examples: Nurse whose role may be Director of Nursing, Nurse Manager, Nursing Supervisor</i>	X