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# EHR CAC Informatics Advanced TIU Class

## Introduction

This document links to notes, video clips and other resources related to Capt. Elvira Mosley's online Advanced TIU class conducted on May 16<sup>th</sup> through May 20<sup>th</sup> of 2016 as an aid for self-study. Please send any comments or corrections to Mike Naglich at [mdnaglich@anthc.org](mailto:mdnaglich@anthc.org).

## Class Material

- Documents: [ftp://ftp.ihs.gov/pubs/rpms-training/EHR CAC Informatics/](ftp://ftp.ihs.gov/pubs/rpms-training/EHR%20CAC%20Informatics/).
- [Master list of IHS/OIT Adobe recordings](#) (individual recording links for each topic are below).

## Document History

Date	Initials	Ver.	Description
2016/06/13	mdn	Draft1	Finish day #1 and outline, publish draft 1.
2016/09/15	mdn	1.0	Publish first version.

## Day One

### Document Definition

- [Elvira's recorded Adobe presentation: Document Definitions. \(17 mins\)](#)
- [PowerPoint: Document Definitions.](#)
- [NPAIHB YouTube video: Creating a Document Class.](#)

### TIU Parameters

- [Elvira's recorded Adobe presentation: TIU Parameters. \(39 mins\)](#)
- [PowerPoint: TIU Parameters.](#)
- [NPAIHB YouTube video: TIU ORWOR Consults Parameter.](#)
- [Bonus Video: Group Discussion of the 'Future Appointment Range' Option.](#)

### TIU Printing Options

- [Elvira's recorded Adobe presentation: TIU Print Notes. \(13 mins\)](#)
- [PowerPoint: Printing TIU Notes.](#)
- [Bonus Video: Demonstration of the SSD, IPD and PDM RPMS commands.](#)
- [Bonus Video: Group Discussion of EHR and RPMS Printing.](#)

### Hands-On Create a Note Title

- [Script - Creating Note Titles.](#)
- [Script – Creating Custom Headers and Footers for Progress Notes.](#)
- [NPAIHB YouTube video: Put Note in Patient Posting Box.](#)
- [Bonus Video: Creating Custom Note Headers and Footers.](#)

## Day Two

### Managing Business Rules

- [Elvira's recorded Adobe presentation.](#)
- [NPAIHB YouTube video: Advance TIU Business Rules.](#)
- [PowerPoint: Business Rules.](#)
- [Bonus Video: Pros and Cons of Viewing Unsigned Progress Notes.](#)
- [Bonus Video: Discussion About Surrogates Signing Notes.](#)

### Interdisciplinary Note Setup

- [Elvira's recorded Adobe presentation \(24 mins\).](#)
- [PowerPoint: Interdisciplinary Notes.](#)
- [Bonus Video: Discussion About Interdisciplinary Notes](#)
- [Bonus Video: Alternative to Interdisciplinary Notes](#)

### User Class

- [Elvira's recorded Adobe presentation.](#) (10 mins)
- [PowerPoint: User Class](#)
- [NPAIHB YouTube video: Person Class vs Provider Class vs TIU User Class.](#)

### Hands-on, Create Interdisciplinary Note Titles and Business Rules

- [Bonus Video: Elvira's goes through the script to define business rules. etc.](#)
- [Script: Interdisciplinary Note Creation.](#)
- [Bonus Video: Define a Note That Automatically Prints When Signed.](#)

## Day Three

### Create ID note title and business rules creation

- [Elvira's recorded Adobe presentation.](#)

### Template and Template fields

- [Elvira's recorded Adobe presentation.](#) (28 mins)
- [PowerPoint: TIU Templates and Data Objects.](#)
- [Elvira's recorded Adobe presentation.](#) (26 mins)
- [PowerPoint: Template Fields.](#)
- [NPAIHB YouTube video: Create Simple Template and Attach to IPL.](#)
- [NPAIHB YouTube video: Create Template for Discharge Instructions.](#)

### **Note Title Associations for notes and consult requests**

- [NPAIHB YouTube video: Break Template Links and Title Associations](#)

### **Hands-on, Create visit instruction template and associate to IPL – Associate existing template to a note title and consult request**

- [NPAIHB YouTube video: Use Dialog Template on IPL.](#)
- [NPAIHB YouTube video: Control User Access to My Templates Folder.](#)

## **Day Four**

### **Health Summaries**

- [Elvira's recorded Adobe presentation.](#)
- [PowerPoint: VA Health Summaries.](#)
- [Script: Rebuild Ad Hoc Health Summary to Display Newly Enabled Health Summary Component.](#)
- [PowerPoint: TIU Templates and Data Objects.](#)

### **Data Objects**

- [Elvira's recorded Adobe presentation.](#)
- [PowerPoint: Advance TIU Data Objects.](#)
- [Script: Data Object Creation.](#)

### **Patient record flag**

- [Elvira's recorded Adobe presentation.](#)
- [PowerPoint: Patient Record Flag.](#)

### **Hands-on, create data object, create and assign a patient record flag**

- [Script: TIU Template Script \(create data object\).](#)
- [Script: Set Up a Patient record Flag From Start to Finish.](#)

## **Day Five**

### **Quick Notes**

- [NPAIHB YouTube video: Advance TIU Quick Notes.](#)
- [PowerPoint: TIU Setup Quick Notes.](#)
- [Script: Creating a Quick Note.](#)

### **TIU Reports**

- [PowerPoint: TIU Reports.](#)
- [Script: How to Log Your RPMS Session and Import to Excel.](#)

### **TIU Errors**

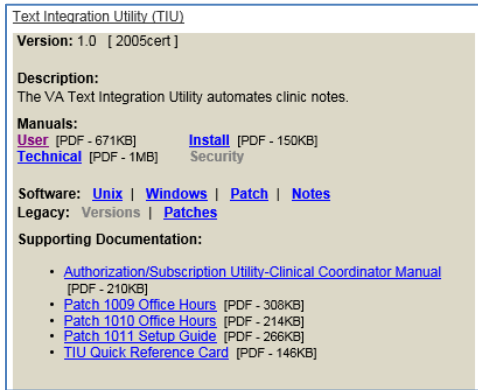
- [PowerPoint: TIU Correcting Documents Entered in Error.](#)

### **Hands-on, create a quick note, recover lost note**

- [Script: Recovering lost EHR Notes.](#)

## Appendix A – Other TIU Resources

- [RPMS EHR National TIU Templates](#).
- [Advanced TIU on YouTube](#). This playlist is just one of those available on the [YouTube NPAIHB RPMS EHR channel](#).
- [IHS ftp site](#).
- IHS Website: [https://www.ihs.gov/RPMS/index.cfm?module=Applications&option=View&AC\\_ID=1](https://www.ihs.gov/RPMS/index.cfm?module=Applications&option=View&AC_ID=1). The link takes you to the web page for RPMS Administrative Applications, of which TIU is one. When you expand the Text Integration Utility link on that page you are presented with a list of available documentation that changes as new patches are released. If you reference a particular document like the User Manual you also needs to review all the patch documentation that was released since the User Guide was published.



### • Documents

1. CAC Setup Guide V1.1:  
[ftp://ftp.ihs.gov/pubs/ehr/Training/Guides/EHRv1.1/EHR\\_CAC\\_Setup\\_Guide\\_v1\\_1.doc](ftp://ftp.ihs.gov/pubs/ehr/Training/Guides/EHRv1.1/EHR_CAC_Setup_Guide_v1_1.doc)
  2. EHR for HIM: [ftp://ftp.ihs.gov/pubs/ehr/Training/Guides/EHR\\_for\\_HIM\\_Guide.doc](ftp://ftp.ihs.gov/pubs/ehr/Training/Guides/EHR_for_HIM_Guide.doc).
  3. TIU Quick Reference Guide: <https://www.ihs.gov/RPMS/PackageDocs/TIU/tiugr.pdf>
  4. TIU V2 patch 1011 Setup Guide: [https://www.ihs.gov/RPMS/PackageDocs/TIU/tiu\\_0100.1011o.pdf](https://www.ihs.gov/RPMS/PackageDocs/TIU/tiu_0100.1011o.pdf)
  5. TIU V1 patch 1010 Overview Presentation:  
<https://www.ihs.gov/RPMS/PackageDocs/TIU/TIU%20v1.0%20patch%201010%20Office%20Hours.pdf>.
  6. TIU V1 patch 1009 Overview Presentation:  
<https://www.ihs.gov/RPMS/PackageDocs/TIU/TIU%201009%20Office%20Hours.pdf>
  7. TIU V1 Authorization/Subsription Utility (ASU) CAC Manual:  
[https://www.ihs.gov/RPMS/PackageDocs/TIU/asu\\_010o.pdf](https://www.ihs.gov/RPMS/PackageDocs/TIU/asu_010o.pdf)
- [VA CPRS: Text Integration Utility \(TIU\)](#). EHR/RPMS is a derivative of the VA's VistA/CPRS EHR. This information applies in some cases, in other cases it does not. Use at your own risk.
  - [VA MyVeHU Campus](#). Sign up and watch recorded training for TIU and other topics. Once again, EHR/RPMS is a derivative of the VA's VistA/CPRS EHR. This information applies in some cases, in other cases it does not. Use at your own risk.

## Appendix B – TIU-Related RPMS Parameters

Use the RPMS General Parameter Tool to view or modify these parameters.

- Enter “**^XX**” after logging-in to RPMS and choose ‘*General Parameter Tools [XPAR MENU TOOLS].*’
- After logging-in to RPMS follow the menu path **(start) > EHR > CPRS > IR > XX**. Note: This may not be a valid menu path on your system.

Parameter	Package	Description
AMHBH HOSPITAL LOCATION (TIU)	Behavioral Health	Hospital Location Default for TIU
AMHBH TIU TITLES 9002011-1108	Behavioral Health	TIU Note Titles for Progress Note
AMHBH TIU TITLES GROUP-.17	Behavioral Health	TIU Note Titles for Group Note
AMHBH TIU TITLES INTAKE-.09	Behavioral Health	TIU Note Titles for Intake Document
AMHBH TIU TITLES TP .21	Behavioral Health	TIU Note Titles for Treatment Plan
BEHODC DIALOG TEXT	BEH Components	Dialog Text
BEHODC DICTATION NOTE TITLES	BEH Components	TIU Dictation Note Titles
BEHOVM TEMPLATE	BEH Components	Vital Measurement Input Template
BGO IMM STOP ADDING ICD CODES	BGO Components	Stop Immunizations from Adding ICD Codes
BGO IPL CARE TEMPLATE	BGO Components	List of TIU Templates for IPL Care Notes
BGO IPL GOAL TEMPLATE	BGO Components	List of TIU Templates for IPL Goal Notes
BGO IPL VISIT TEMPLATE	BGO Components	List of TIU Template for IPL Visit Notes
BGO NORMAL/ABNORMAL	BGO Components	Text for normal/abnormal
BTIU EXPIRED MEDS	-	Days to Display Expired Meds
BTIU GROUP NOTES TEMPLATES	-	Group Notes Templates
CIAVM DEFAULT TEMPLATE	VueCentric Framework	Default login template
GMV ALLOW USER TEMPLATES	Gen. Med. Rec.	Allow individual user templates
GMV TEMPLATE	Gen. Med. Rec.	Templates for vitals V5
PXRM PROGRESS NOTE HEADERS	Clinical Reminders	Progress Note Header
PXRM REPORT TEMPLATE (USER)	Clinical Reminders	Reminder Report Templates
TIU DEFAULT TEMPLATES	Text Integration Utility	Default Template Notes/Consults/DC Summ
TIU FIELD EDITOR CLASSES	Text Integration Utility	Template Field Editor User Classes
TIU PERSONAL TEMPLATE ACCESS	Text Integration Utility	Personal Template Access
TIU TEMPLATE ACCESS BY CLASS	Text Integration Utility	Personal Template Access by User Class
TIU TEMPLATE PERSONAL OBJECTS	Text Integration Utility	Allowed Personal Template Objects
TIU TEMPLATE REMINDER DIALOGS	Text Integration Utility	Reminder Dialogs allows as Templates
TIU TEMPLATE USER AUTO DELETE	Text Integration Utility	Y/N auto cleanup upon termination
TIU USER CLASS FOR VBC	Text Integration Utility	User Class for VBC Line Counts

## Appendix C – Fileman Files

File #	File Name
8925	TIU DOCUMENT
8925.1	TIU DOCUMENT DEFINITION
8925.2	TIU UPLOAD BUFFER
8925.3	TIU UPLOAD ERROR DEFINITION
8925.4	TIU UPLOAD LOG
8925.5	TIU AUDIT TRAIL
8925.6	TIU STATUS
8925.7	TIU MULTIPLE SIGNATURE
8925.8	TIU SEARCH CATEGORIES
8925.9	TIU PROBLEM LINK
8925.91	TIU EXTERNAL DATA LINK
8925.93	TIU PRINT PARAMETERS
8925.94	TIU DIVISION PRINT PARAMETERS
8925.95	TIU DOCUMENT PARAMETERS
8925.97	TIU CONVERSIONS
8925.98	TIU PERSONAL DOCUMENT TYPE LIST
8925.99	TIU PARAMETERS
8926	TIU PERSONAL PREFERENCES
8926.1	TIU VHA ENTERPRISE STANDARD TITLE
8926.2	TIU LOINC SUBJECT MATTER DOMAIN
8926.3	TIU LOINC ROLE
8926.4	TIU LOINC SETTING
8926.5	TIU LOINC SERVICE
8926.6	TIU LOINC DOCUMENT TYPE
8926.72	TIU LOINC SMD SYNONYMS
8926.73	TIU LOINC ROLE SYNONYMS
8926.74	TIU LOINC SETTING SYNONYMS
8926.75	TIU LOINC SERVICE SYNONYMS
8926.76	TIU LOINC DOCUMENT TYPE SYNONYMS
8927	TIU TEMPLATE
8927.1	TIU TEMPLATE FIELD
8930	USR CLASS
8930.1	USR AUTHORIZATION/SUBSCRIPTION
8930.2	USR ROLE
8930.3	USR CLASS MEMBERSHIP
8930.4	USR SEARCH CATEGORIES
8930.6	USR RECORD STATUS
8930.8	USR ACTION
8932.1	PERSON CLASS