

# Healthcare Informatics Tech

## Certificate of Technical Studies

**NOTE: This program is in moratorium and will not be accepting new students.**

Gainful Employment Program Information (<http://www.gfcmsu.edu/webs/gepi/healthinformatics.html>)

The Healthcare Informatics Tech Professional Certificate program has been developed in response to an estimated need for 10,000 new Health Information Technology professionals to assist in the transition of the nation's health information management from paper-based systems to electronic medical record applications and other higher-level systems of health information exchange. The Professional Certificate program is intended to target technology professionals and recent graduates of technology/CS programs who are transitioning to work in the healthcare system or allied health and healthcare professionals who currently work in the healthcare delivery system, but who are transitioning to Health Information Technology implementation and support roles. Both information technology and healthcare have relatively high "barriers to entry," and the professional certificate will provide an orientation to multiple aspects of the healthcare industry and healthcare informatics for these trainees.

## Outcomes

### Graduates are prepared to:

- Document the workflow and information management models of the practice.
- Conduct user requirements analysis to facilitate workflow design.
- Develop revised workflow and information management models for the practice, based on meaningful use of a certified EHR product.
- As the practice implements the EHR, work directly with practice personnel to implement the revised workflow and information management model.
- Working with practice staff, develop a set of plans to keep the practice running if the EHR system fails.
- Working with practice staff, evaluate the new processes as implemented, identify problems and changes that are needed, and implement these changes.
- Design processes and information flows for the practice that accommodate quality improvement and reporting.
- Ensure that the patient/consumer perspective is incorporated into EHR deployments and that full attention is paid in the deployment to critical issues of patient privacy.
- Train practitioners in best use of the EHR system, conforming to the redesigned practice workflow.

## Estimated Cost

### Estimated Resident Program Cost\*

Tuition and Fees	\$3,418
Application Fee	\$30
Books/Supplies	\$673
Total	\$4,121

\* **Fall 2017 MUS Student Health Insurance Premiums will be changing. Please check the Health Insurance website (<http://students.gfcmsu.edu/insurance.html>) and/or Student Central for confirmed premium rates. Students will be charged an additional fee of \$21 per credit for online/hybrid courses.**

## Program Requirements

### Prerequisites:

- All applicants must have already applied to and been accepted as students at GFC MSU **THEN**
- A completed Application Packet Cover and Check-Off Sheet must be included by **all** students entering the program (Check-Off Sheet included in this packet) **AND**
- Fit **one** of the bulleted intake criteria listed below:

## Informatics Tech Intake Criteria

- Recent (completed within the past 3 years) one of the following degree programs: Associate degree in Medical Office Management, Health Information Management, Medical Assistant, Medical Technician, Computer Science, Network Technology, Information Technology, allied health and/or related fields. *Provide Official College transcript\**;
- Older (completed within the past 4 or more years) one of the following degree programs: Associate degree in Medical Office Management, Health Information Management, Medical Assistant, Medical Technician, Computer Science, Network Technology, Information Technology, allied health with recent (past 3 years) related field and relevant work experience. *Provide Official College transcript\* and proof of relevant work experience in the form of resume and a reference questionnaire from at least two work-related individuals, one being a direct supervisor;*
- Currently enrolled in a two- or four-year Medical Office Management, Health Information Management, Medical Assistant, Medical Technician, Computer Science, Network Technology, and Information Technology, allied health and/or related fields and consent of Program Director. *Provide most recent transcripts;*
- Related field work experience with consent of program director. *Provide proof of relevant work experience in the form of resume and a reference questionnaire from at least two work-related individuals, one being a direct supervisor;*

\* *Unofficial transcripts may serve as the basis for provisional admission to the program, but official transcripts must be provided prior to the end of the first semester of study*

**NOTE: Curriculum is based on a full time schedule. The courses should be taken in the specified order to ensure that you have completed all prerequisites for each course.**

Many students need preliminary math and writing courses before enrolling in the program requirements. These courses may increase the total number of program credits. Students should review their math and writing placement before planning out their full program schedules.

Course	Title	Credits	Grade/Sem
<b>First Year</b>			
<b>Fall</b>			
AHMS 105	Health Care Delivery +	2	_____
AHMS 144	Medical Terminology +	3	_____
CAPP 131	Basic MS Office +	3	_____
HIT 101	Intro to Health Care Informati +	3	_____
Credits		11	
<b>Spring</b>			
AHMS 108	Health Data Content & Struct +	3	_____
AHMS 280	*,+	4	_____
HIT 260	Workflow Process and Redesign *,+	3	_____
HIT 265	Electr Health Rec in Med Prac *,+	3	_____
Credits		13	
Total Credits		24	

\* Indicates prerequisites needed.

\*\* Placement in course(s) is determined by placement assessment.

+ A grade of C- or above is required for graduation.