HEALTH INFORMATION TECHNOLOGY CERTIFICATE

Program Website: https://www.towson.edu/fcsm/departments/computerinfosci/grad/health-technology-certificate.html

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Information technology drives changes in the delivery of healthcare information that can improve patient care. Organizations need highly qualified and educated professionals to lead and direct health informatics initiatives.

The health information technology graduate certificate is designed to offer students an interdisciplinary curriculum that provides knowledge and skills in both healthcare and information technology. This program offers students specialized instruction to foster intellectual inquiry, critical thinking, creativity and adaptability to craft solutions that will address public and societal needs.

The program is intended for students who have a bachelor's degree in a computing-related field and who wish to master information technology skills widely needed in the healthcare industry. The program may also interest students who:

- Are working professionals in healthcare or public health and want to broaden their career choices.
- Have a bachelor's degree in a discipline other than IT and want to prepare for careers in this field.

Requirements
Admission Requirements

Application deadlines and a full listing of materials required for admission can be found on the website.

Certificate Requirements

Code	Title	Units
AIT 600	INFORMATION TECHNOLOGY INFRASTRUCTURE	3
AIT 610	SYSTEMS DEVELOPMENT PROCESS	3
AIT 644	HEALTH INFORMATION TECHNOLOGY	3
or AIT 645	HEALTHCARE DATA ANALYTICS	
HCMN 535	HEALTH INFORMATION AND QUALITY MANAGEMENT [1]	3
or HLTH 633	HEALTH CARE SYSTEMS	
AIT 740	CASE STUDIES ON HEALTHCARE INFORMATION TECHNOLOGIES	3
Total Units		**15**

[1] The program recommendation is to take HLTH 633.

This graduate certificate requires some in-person coursework outlined on the Course Schedule.

HLTH 633 and HCMN 535 follow the regular in-state or out-of-state graduate tuition and not the Applied Information Technology rate structure.

Learning Outcomes

1. Articulate the current state and evaluate the current limits in the knowledge, theory and application of health information technology.
2. Work effectively in teams to assess, prioritize and professionally communicate issues related to health care information technology.
3. Compare and contrast various health information technology and assess their application to context specific problems.
4. Synthesize knowledge from multiple sources to design proposals and present best practice health care information system solutions to address current government and industry needs.