

# HEALTH INFORMATION TECHNOLOGY

---

Post-Baccalaureate Certificate

<https://www.towson.edu/fcsm/departments/emergingtech/academics/healthit.html>

Program Director: Dr. Suranjan Chakraborty

Phone: 410-704-4769

Email: [ait@towson.edu](mailto:ait@towson.edu)

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 post-baccalaureate certificate (PBC) is designed to offer students an interdisciplinary curriculum that provides knowledge and skills in both health care 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 health care industry. The program may also interest you if:

- You are a working professional in health care or public health and want to broaden your career choices.
- You have a bachelor's degree in a discipline other than IT and want to prepare yourself for careers in this field.

## Admission Requirements

Admission requirements for the post-baccalaureate certificate program are the same as those listed for the M.S. in Applied Information Technology. (<http://catalog.towson.edu/graduate/degree-certificate-programs/jess-mildred-fisher-science-mathematics/applied-information-technology-ms>)

## 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	3
or HLTH 633	HEALTH CARE SYSTEMS	
AIT 740	CASE STUDIES ON HEALTHCARE INFORMATION TECHNOLOGIES	3
Total Units		15

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.