



# Healthcare Engr Tech Mgmt AS

IU Indianapolis School of Engr & Tech (TECH)

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**Student's Catalog Year:** Fall 2015–Summer 2016

**Total Degree Map Credits:** 67

**Description:** Healthcare Engineering Technology Management is a program that focuses on the safe and effective use of medical equipment in the clinical setting. Almost all graduates work in hospitals as members of the patient care team, supporting medical staff as they utilize technology for diagnosis and treatment. The focus of the curriculum is on the electronics and networking integral to the myriad of devices and systems critical to contemporary healthcare.

**C Critical Courses:** Courses that students should complete by specific points during their degree or certificate program.

**M Milestones:** Conditions or activities that students should complete by specific points during their degree or certificate program.

**Completing a critical course or milestone by the associated term is considered crucial to on-time graduation.**

## Year One (34 credits)

Fall Term	Minimum Grade	Credits	Spring Term	Minimum Grade	Credits
English Composition I <b>C</b>		3	Intro to Circuit Analysis <b>C</b>		4
<b>Critical Course</b> <b>Course Details:</b> Also meets Gen Ed Core Communication & Writing Competency <b>Required Semester of Completion:</b> Year 1, Fall			<b>Critical Course</b> <b>Required Semester of Completion:</b> Year 1, Spring		
Intro to Engineering Technology <b>C</b>		3	Digital Fundamentals II		3
<b>Critical Course</b> <b>Required Semester of Completion:</b> Year 1, Fall			<b>Required Semester of Completion:</b> Year 1, Spring		
Digital Fundamentals <b>C</b>		3	Algebra and Trigonometry II	C	3
<b>Critical Course</b> <b>Required Semester of Completion:</b> Year 1, Fall			<b>Course Details:</b> Also meets Gen Ed Analytical Reasoning (Other) <b>Required Semester of Completion:</b> Year 1, Spring		
Algebra and Trigonometry I	C	3	Public Speaking		3
<b>Course Details:</b> Also meets Gen Ed Analytical Reasoning (Math) <b>Required Semester of Completion:</b> Year 1, Fall			<b>Course Details:</b> Also meets Gen Ed Core Communication & Speaking & Listening Competency <b>Required Semester of Completion:</b> Year 1, Spring		
			Applied Human Biology for HETM <b>C</b>		3

Gen Ed Arts and Humanities OR Social Science Competency	3	^
<b>Course Details:</b> Choose any course from the Arts and Humanities or Social Sciences General Education Course lists.		
<b>Required Semester of Completion:</b> Year 1, Fall		
<b>Total</b>		<b>15</b>

<b>Critical Course</b>		
<b>Required Semester of Completion:</b> Year 1, Spring		
Gen Ed Arts & Humanities Competency	3	^
<b>Course Details:</b> Gen Ed Arts & Humanities Competency		
<b>Required Semester of Completion:</b> Year 2, Spring		
<b>Total</b>		<b>19</b>

## Year Two (33 credits)

Fall Term	Minimum Grade	Credits	^
PC & Microprocessor for HETM		3	^
<b>Required Semester of Completion:</b> Year 2, Fall			
The Technology of Patient Care <b>C</b>	C	3	^
<b>Critical Course</b>			
<b>Required Semester of Completion:</b> Year 2, Fall			
Chemistry of Life		3	^
<b>Course Details:</b> Also meets Gen Ed Life & Physical Sciences Competency			
<b>Required Semester of Completion:</b> Year 2, Fall			
Electronic Circuit Analysis		4	^
<b>Required Semester of Completion:</b> Year 2, Fall			
Calculus for Technology II	C-	3	^
<b>Required Semester of Completion:</b> Year 2, Fall			
Students must apply for graduation by October 1 with the Engineering and Technology Dean's Office in order to graduate in May. <b>M</b>			^
<b>Required Semester of Completion:</b> Year 2, Fall			
<b>Total</b>		<b>16</b>	

Spring Term	Minimum Grade	Credits	^
Healthcare Devices and Systems		3	^
<b>Required Semester of Completion:</b> Year 2, Spring			
HETM Internship		1	^
<b>Required Semester of Completion:</b> Year 2, Spring			
Network Fundamentals		3	^
<b>Required Semester of Completion:</b> Year 2, Spring			
General Physics I		4	^
<b>Course Details:</b> Also meets Gen Ed Life & Physical Sciences Competency			
<b>Required Semester of Completion:</b> Year 2, Spring			
Introduction to Psychology		3	^
<b>Course Details:</b> Also meets Gen Ed Social Sciences Competency			
<b>Required Semester of Completion:</b> Year 2, Spring			
Gen Ed Cultural Understanding Competency		3	^
<b>Course Details:</b> Students may choose from any course listed on the General Education Cultural Understanding Course list.			
<b>Required Semester of Completion:</b> Year 2, Spring			
<b>Total</b>		<b>17</b>	

**Degree Map Link:**<https://sisjee.iu.edu/sisigps-prd/web/igps/dm/public/maps/view?mapId=68e6fd9d-b3c5-11e4-834c-9463e9cd9b35>

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Achieving minimum grades for individual courses may not result in meeting cumulative GPA requirements for admission to programs or for graduation. Verify requirements with your academic advisor or your Academic Advisement Report (AAR).

Completing 30 credit hours each calendar year is required for full state financial aid eligibility. Be sure to complete your FAFSA before March 10 each year. If you follow your map and find a course unavailable, you may be eligible to take that course for free in a future semester.

[More information about the free course guarantee.](#)