School of Engineering and Technology

Student ID:	
Student Name:	
Program Entry Date:	

Degree/Program Plan: A.S. Healthcare Engr. Tech. Mngt.
Program/Plan Code: TECH1/HETMAS
Requirement Term: 8/15/2016 [4168]

1st Semester

Course#	Units	Title	Pre- or Co-requisites
HETM 10500	1*	Intro to HETM	recommended but not required for AS
TECH 10200	1*	First Year Seminar for Technology Major	recommended but not required for AS
TECH 10500	3	Intro to Engr Tech	P or C: ENG W131 and MATH 11100
ECET 10900	3	Digital Fundamentals	P or C: Math 11100 or instructor's consent
MATH 15300	3	Algebra & Trigonometry I	P: Math 11100
Gen Ed Elec	3	Arts & Humanities OR Social Science	
ENGL W131	3	Reading, Writing, and Inquiry	Self Placement
Credit Hours	15		

2nd Semester

Course#	Units	Title	Pre- or Co-requisites
ECET 10700	4	Introduction to Circuit Analysis	P: TECH 10500 P or C: MATH 15300
ECET 15500	3	Digital Fundamentals II	P: ECET 10900
MATH 15400	3	Algebra & Trigonometry II	P: Math 15300
COMM R110	3	Fund of Speech Communication	
Gen Ed Elec	3	Arts & Humanities	
HETM 22000	3	Applied Human Biology for HETM	P: ENG W131
Credit Hours	19		

3rd Semester

Course#	Units	Title	Pre- or Co-requisites
HETM 21900	3	PC & Microprocessor for HETM	P: ECET 10900
HETM 24000	3	The Technology of Patient Care	P: HETM 22000 & ECET 10700
ECET 15700	4	Electronics Circuit Analysis	P: ECET 107 and Math 15300
Chem C110	3	The Chem of Life LEC	
MATH 22100	3	Calculus for Tech I	P: Math 15900 or Math 15400
Credit Hours	16		

4th Semester

Course#	Units	Title	Pre- or Co-requisites
HETM 32500	3	Healthcare Devices and Systems	P: BMET 219&240 (C or better) &ECET 157
HETM 29500	1	HETM Internship	see # below
HETM 20200	3	Networking & Data Comm for Healthcare	P: HETM 21900
PHYS 21800	4	General Physics	P: Math 15900 or equiv.
PSY B110	3	Introduction to Psychology	
Gen Ed Elec	3	Cultural Understanding	
Credit Hours	17		

67 Total Credit Hours for AS Degree

P or C: HETM 32500, P: Completion of HETM 240 with a grade of C or better, overall GPA of 2.0 or higher.