

Hudson County Community College Degree Name: A.A.S. Construction Management  
 Thomas Edison State University (TESU) Degree Name: BS in Construction

TESU		HCCC		TESU			
Degree Requirements	Credit Requirements	HCCC Course	Course Title	Credits	TESU Course	Course Title	Credits
<b>I. General Education Requirements</b>	<b>46</b>						
A. Intellectual and Practical Skills							
i. Written Communications	6	ENG101	English Composition I	3	ENC-102	English Composition II	3
ii. Oral Communications	3	ENG112	Speech	3			
iii. Quantitative Literacy	3	MAT100	College Algebra	3			
iv. Information Literacy / SOS 110: Critical Information Literacy	3				SOS 110	Critical Information Literacy	3
B. Civic and Global Learning	9						
i. Diversity	3	TBD	<a href="#">HCCC Diversity Elective</a>	3	TBD	<a href="#">TESU Ethics Option</a>	3
ii. Ethics	3				TBD	<a href="#">TESU Civic Engagement and Awareness</a>	3
iii. Civic Engagement	3						
C. Knowledge of Human Cultures							
i. Social Sciences	3	ECO201	Principles of Macroeconomics	3	TBD	<a href="#">TESU History Options</a>	3
ii. History	3				TBD	<a href="#">TESU Social Science/History/Humanities Option</a>	3
iii. Humanities	3	ENG103	Technical Report Writing	3	TBD	<a href="#">TESU Social Science/History/Humanities Option</a>	3
iv. Two Courses from the categories above	6						
D. Scientific Knowledge	7						
Physics I and Lab OR Chem I and Lab		CHP100	Introduction to Chemistry	3	CHE128	General Chemistry I Lab	1
CIS-107 Computer Concepts and Applications		CSC100	Introduction to Computers and Computing	3			
<b>II. Area of Study: Construction</b>	<b>55</b>						
Statistics	3				STA-201	Statistics	3
Physics II with Lab or Chemistry I or II with Lab	4				TBD	<a href="#">TESU Physics or Chemistry Option</a>	4
Higher Level Math above College Algebra	3				MAT-129	Precalculus	3
Blue Print Reading	3	EGS101	Engineering Graphics	2			
Strength of Materials	3	CNM202	Construction Procedures, Material and Testing	4			
Safety and Health	3				APS-400	Occupational Safety and Health	3
Codes	3	CNM220	Construction Codes	3			
Project Management	3	CNM222	Construction Project Management	4			
Contracting	3	CNM230	Project Planning and Control	3			
Cost Estimating	3	CNM225	Cost Estimation	3			
		CNM201	Introduction to Basic Structures	3			
		CNM205	Surveying and Site Planning	3			
		CNM120	Introduction to Engineering Sciences and Calculations	4			
Construction Electives					TBD	<a href="#">TESU Construction Electives</a>	3
					TBD	<a href="#">TESU Construction Electives</a>	3
					TBD	<a href="#">TESU Construction Electives</a>	3
					TBD	<a href="#">TESU Construction Electives</a>	3
<b>B. Technical Core</b>	<b>21</b>						
APS-401 Current Trends and Applications in Applied Science and Technology	3				APS-401	Current Trends and Applications	3
<b>III. Electives</b>	<b>19</b>						
		SCI101	Introduction to Physical Science	3			
		MAT103	Business Math	3			
		CSS100	College Student Success	1			
					TBD	<a href="#">TESU Free Electives</a>	10
<b>TOTAL</b>	<b>120</b>			<b>HCCC TOTAL 60</b>			<b>TESU TOTAL 60</b>
		<b>GRAND TOTAL</b>				<b>120</b>	