

# Fort Hays State University

## BGS Construction Technology

### Rate: EA Engineering Aide

Requirements		SH	SOC CAT.	NAVY RATE/ Service School	CLEP / DSST	FHSU
<b>General Education 45 SH required</b>						
<b>Foundation Skills</b>		<b>9 SH</b>				
MIS 101	Introduction to Computer Information Systems			X	X	X
ENG 101	English Composition I		EN024B		X	X
ENG 102	English Composition II		EN025B		X	X
<b>Liberal Arts-Humanities 12 hrs required from at least 3 different deptmnts</b>		<b>12 SH</b>				
<b>ART</b>						
ART 180	Fundamentals & Appreciation of Art					X
ART 280	Approaches to Creativity					X
ART 380	Survey of Art History		FA001B			X
<b>Communication Studies</b>						
COMM 100	Fundamentals of Oral Communication				X	X
COMM 120	Introduction to Theatre					X
COMM 125	Introduction to Motion Pictures					X
COMM 318	Introduction to Organizational Communication		MG303B			X
<b>English</b>						
ENG 125	World Lit/Human Experience					X
ENG 126	Introduction to Literature		EN026B			X
ENG 327	Introduction to Fiction					X
<b>Interdisciplinary Studies</b>						
IDS 325	Ideal Societies in Fiction					X
IDS 326	Literature & Environment					X
IDS 350	Prin of Multiculturalism					X
IDS 400	Bioethics					X
IDS 401	Ethical Issues in the Professions and Business					X
<b>Modern Language</b>						
MLNG 201	Beginning French I				X	X
MLNG 208	Beginning German I				X	X
MLNG 225	Beginning Spanish I				X	X
<b>Music</b>						
MUS 161	Listening to Music					X
MUS 291	American Popular Music					X
MUS 391	Jazz					X
<b>Philosophy</b>						
PHIL 100	General Logic		PL080B			X
PHIL 120	Introduction to Philosophy		PL079B			X

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PHIL 340	Introduction to Ethics		PL081B		X	X
<b>Liberal Arts-Natural Science/Mathematics 12 hrs required from at least 3 different departments</b>		<b>12 SH</b>				
<b>Biological Science</b>						
BIOL 100	General Biology				X	X
BIOL 200	Humans & the Environment				X	X
BIOL 230	Human Anatomy & Physiology					X
BIOL 232	Anatomy of Humans Lab					X
BIOL 234	Physiology of Humans Lab					X
BIOL 300	Heredity					X
<b>Chemistry</b>						
CHEM 100	Chemist's View of the World					X
CHEM 112	General Chemistry I					X
CHEM 112L	General Chemistry I Lab					X
CHEM 114	General Chemistry II					X
CHEM 114L	General Chemistry II Lab					X
CHEM 120	Introductory Chemistry					X
CHEM 120L	Introductory Chemistry Lab					X
<b>Geosciences</b>						
GSCI 100	Introduction to Geology		EA011B			X
GSCI 101	Elements of Physical Geography					X
GSCI 110	World Geography					X
GSCI 321	United States Geography					X
GSCI 340	Environmental Geology					X
<b>Interdisciplinary Studies</b>						
IDS 402	US Human Geography: Issues for the 21st Century					X
IDS 499	Global Environmental Issue					X
<b>Mathematics</b>						
MATH 101	Liberal Arts Mathematics				X	X
MATH 110	College Algebra		MH048B		X	X
MATH 234	Analytic Geometry & Calculus I		MH055B		X	X
MATH 250	Elements of Statistics				X	
MATH 331	Calculus Methods					X
<b>Physics</b>						
PHYS 102	Physical Science				X	X
PHYS 208	Elementary Meteorology					X
PHYS 309	Descriptive Astronomy				X	X
<b>Liberal Arts-Social/Behavioral Sciences 12 hrs required from at least 3 different departments</b>		<b>12 SH</b>				
<b>Economics</b>						
ECFI 201	Principles of Economics: Micro		EC301B		X	X
ECFI 202	Principles of Economics: Macro		EC201B		X	X
<b>History</b>						
HIST 110	World Civilization to 1500		HI579B			X
HIST 111	Modern World Civilization		HI579B			X

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HIST 130	United States History to 1877				X	X
HIST 131	United States History Since 1877				X	X
<b>Interdisciplinary Studies</b>						
IDS 300	Economic Ideas & Current Issues					X
IDS 350	Prin of Multiculturalism					X
<b>Political Science</b>						
POLS 101	American Government		PO077B		X	X
POLS 103	State & Local Government		PO087B			X
POLS 105	Current Political Issues					X
POLS 230	Introduction to International Relations					X
<b>Psychology</b>						
PSY 100	General Psychology		PS101B		X	X
PSY 300	Abnormal Psychology					X
PSY 340	Social Psychology		PS301B			X
<b>Sociology</b>						
SOC 140	Introduction to Sociology		SO001B		X	X
SOC 145	Intro to Antropology				X	X
SOC 355	Sociology of Death and Dying					X
SOC 388	Sociology of The Family in America					X
<b>Area of Concentration 21 SH</b>		<b>21 SH</b>				
Concrete Soils Testing -ACE credit					X	
Introduction to Construction - ACE credit					X	
AutoCAD - ACE credit					X	
Construction Materials Testing - ACE credit					X	
Drafting Fundamentals -ACE credit					X	
Surveying - ACE credit					X	
Construction Cost Estimating - ACE credit					X	
Supervision - ACE credit					X	
Management - ACE credit					X	
<b>Open electives 58 SH</b>		<b>58 SH</b>			X	X
<b>Total Hrs for degree.</b>		<b>124 SH</b>				

A minimum of 80 hrs liberal arts course work

A maximum of 40 hrs from one department

A minimum of GPA of 2.0

A minimum of 45 hrs upper division course work

A minimum of 60 hrs from a 4-year regionally accredited institution

A minimum of 30hrs course work must be taken from FHSU (on campus or on-line)