



Heating, Ventilation and Air Conditioning

Diploma

Advising Worksheet* 2018-2019

Prescribed Technical Program	44
General Education	9
Elective Credit	7
Total Degree Credits	60

Fall Semester

Prescribed Technical Program Requirements

SMTL	105	Sheet Metal I	3
SMTL	106	Sheet Metal II	6
SMTL	107	Sheet Metal III	4
SMTL	115	Practical Applications of Sheet Metal	4
Total Credits			17

Spring Semester

Prescribed Technical Program Requirements

HVAC	100	Introduction to Heating, Ventilation and Air Conditioning	3
HVAC	103	Air Conditioning Theory and Components	5
HVAC	104	Heating Theory and Components	4
HVAC	114	Heating Systems Troubleshooting	5
Total Credits			17

Summer Semester

Prescribed Technical Program Requirements

HVAC	213	Air Conditioning Systems Troubleshooting	5
REFG	215	Light Commercial Refrigeration	2
REFG	216	Domestic Refrigeration	3
Total Credits			10

General Education Requirements

Arts & Humanities/Social & Behavioral Sciences

1.	3
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Business, Math, Science & Technology

1.	3
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Communications I (Select one of the following:)

ENGL	110	College Composition I	3
COMM	110	Fundamentals of Public Speaking	

Total Credits **9**

Electives

1.	3
2.	3
3.	1

Total Credits **7**

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Diploma

2018-2019 Catalog

Advisor: _____

Office: _____

Phone: _____

Email: _____

Degree Checklist

Credits

- _____ Earned a minimum of 3 credits in Communications
- _____ Earned a minimum of 3 credits in Arts & Humanities/Social & Behavioral Sciences
- _____ Earned a minimum of 3 credits in Business, Math, Science & Technology
- _____ Completed prescribed technical program requirements
- _____ Completed minimum Electives (Not required for all programs)

☐ Earned a minimum of 60 credits

-Academic Skills Courses (ASC) do not count toward graduation

- ☐ Earned at least 15 semester hours of institutional credit from BSC
- ☐ Minimum of 2.00 GPA in a prescribed technical program
- ☐ Minimum of 2.00 institutional GPA (BSC only)
- ☐ Minimum of 2.00 cumulative GPA (BSC + Transfer)
- ☐ Cleared all college obligations
- ☐ Declared program of study is degree seeking
- ☐ Filed an Application for Degree in the Academic Records Office

Specific programs may require additional degree/program requirements; refer to your program.

Legend

(*) Course not approved as GERTA

General Education Requirements

Category I: COMMUNICATIONS

Completed _____ Needed _____

(3 Credits) - ENGL 110, 120, 125 or COMM 110 (Select One)

Gr.	Cr.		
_____	3	ENGL 110	College Composition I
_____	3	ENGL 120	College Composition II
_____	3	ENGL 125	Introduction to Professional Writing
_____	3	COMM 110	Fundamentals of Public Speaking

Transfer Course

General Education Requirements Continued

Category II: ARTS & HUMANITIES/SOCIAL & BEHAVIORAL SCIENCES

Completed _____

Needed _____

(3 Credits)

Gr.	Cr.			Gr.	Cr.			Gr.	Cr.		
	3	ANTH 170	Physical Anthropology and Archeology		3	HIST 101	Western Civilization I		3	POLS 220	International Politics
	3	ART 110	Introduction to the Visual Arts		3	HIST 102	Western Civilization II		3	PSYC 111	Introduction to Psychology
	3	ART 122	Two-Dimensional Design		3	HIST 103	United States to 1877		3	* PSYC 211	Introduction to Behavior Modification
	3	ART 124	Three-Dimensional Design		3	HIST 104	United States Since 1877		3	PSYC 250	Developmental Psychology
	3	ART 130	Drawing I		3	HIST 211	World Civilizations to 1500		3	* PSYC 261	Psychology of Adjustment
	3	ART 210	Art History I		3	HIST 212	World Civilizations since 1500		3	PSYC 270	Abnormal Psychology
	3	ART 211	Art History II		3	HIST 220	North Dakota History		3	RELS 120	Religion in America
	3	ART 220	Painting I		3	HIST 222	History of the Western Frontier		3	RELS 201	Life and Letters of Paul
	3	ART 221	Painting II		3	HIST 224	American Studies I		3	RELS 203	World Religions
	3	ART 230	Drawing II		3	HIST 225	American Studies II		3	RELS 220	Old Testament
	3	ART 250	Ceramics I		1-3	* HIST 243	Historical Investigations		3	RELS 230	New Testament
	3	ART 251	Ceramics II		3	HUMS 210	Integrated Cultural Studies		3	SOC 110	Introduction to Sociology
	2	ART 265	Sculpture I		1-4	HUMS 211	Integrated Cultural Excursion		3	SOC 115	Social Problems
	2	ART 266	Sculpture II		2	HUMS 212	Integrated Cultural Enrichment		3	SOC 220	Family
	3	* CIS 280	Cyber Ethics		3	MUSC 100	Music Appreciation		3	SOC 221	Minority Relations
	3	CJ 201	Introduction to Criminal Justice		1	MUSC 117	Concert Choir		3	SOC 235	Cultural Diversity
	3	COMM 112	Understanding Media and Social Change		1	MUSC 118	Chamber Choir		3	SOC 251	Gerontology
	3	COMM 211	Oral Interpretation		1	MUSC 121	String Ensemble		3	SOC 252	Criminology
	3	COMM 212	Interpersonal Communications		1	MUSC 132	Wind Ensemble		3	SOC 275	American Indian Studies
	3	ECON 105	Elements of Economics		1	MUSC 133	Woodwind Ensemble I		4	SPAN 101	First Year Spanish I
	3	ECON 201	Principles of Microeconomics		1	MUSC 134	Woodwind Ensemble II		4	SPAN 102	First Year Spanish II
	3	ECON 202	Principles of Macroeconomics		1	MUSC 135	Brass Ensemble I		4	SPAN 201	Second Year Spanish I
	3	ENGL 211	Introduction to Creative Writing		1	MUSC 136	Brass Ensemble II		4	SPAN 202	Second Year Spanish II
	3	ENGL 221	Introduction to Drama		1	MUSC 137	Jazz Ensemble		3	SWK 256	Development of Social Welfare
	3	ENGL 222	Introduction to Poetry		1	* MUSC 138	Percussion Ensemble		3	THEA 110	Introduction to Theatre Arts
	3	ENGL 233	Fantasy and Science Fiction		1	MUSC 145	Applied Music		3	THEA 161	Acting I
	3	ENGL 236	Women and Literature		1	MUSC 146	Applied Music - Major		3	THEA 180	Dramatic Literature and Style I
	3	ENGL 238	Children's Literature		3	PHIL 101	Introduction to Philosophy		3	THEA 181	Dramatic Literature and Style II
	3	ENGL 251	British Literature I		3	PHIL 210	Ethics		3	THEA 261	Acting II
	3	ENGL 252	British Literature II		3	PHIL 220	Introduction to Logic				
	3	ENGL 261	American Literature I		3	PHIL 250	Philosophy in Cinema				
	3	ENGL 262	American Literature II		3	PHIL 253	Environmental Ethics				
	3	ENGL 278	Alternative Literature		3	POLS 115	American Government				
	3	GEOG 161	World Regional Geography		3	POLS 116	State and Local Government				

Transfer Course

Transfer Course

Transfer Course

General Education Requirements Continued

Category III: BUSINESS, MATH, SCIENCE & TECHNOLOGY

Completed_____ Needed_____

(3 Credits)

Gr.	Cr.		Gr.	Cr.		Gr.	Cr.	
_____	3	* ACCT 200	_____	3/1	CHEM 114	_____	4	MATH 166
_____	3	* ACCT 201	_____	4/1	CHEM 115	_____	3	* MATH 208
_____	3/1	ASTR 150	_____	4/1	CHEM 116	_____	3	MATH 210
_____	3	* BADM 202	_____	4/1	CHEM 121	_____	4	* MATH 277
_____	3	* BADM 210	_____	4/1	CHEM 122	_____	3/1	MICR 202
_____	3	* BADM 240	_____	3	* CIS 147	_____	3	* NUTR 240
_____	3	* BADM 281	_____	4	* CIS 164	_____	3/1	PHYS 100
_____	3	* BADM 282	_____	3	CSCI 101	_____	3/1	PHYS 110
_____	1	* BIOL 102	_____	3	CSCI 122	_____	4/1	PHYS 211
_____	3	BIOL 109	_____	4	CSCI 160	_____	4/1	PHYS 212
_____	3/1	BIOL 111	_____	4	CSCI 161	_____	4/1	PHYS 251
_____	3/1	BIOL 115	_____	3/1	GEOG 121	_____	4/1	PHYS 252
_____	3	BIOL 124	_____	3/1	GEOL 102	_____	2/1	PLSC 110
_____	3/1	BIOL 125	_____	3/1	GEOL 105	_____	3/1	SCNC 101
_____	3/1	BIOL 126	_____	3	GIS 105	_____		
_____	3/1	BIOL 150	_____	3	* GIS 107	_____	3/1	SCNC 102
_____	3/1	BIOL 151	_____	4	MATH 103	_____		
_____	3/1	BIOL 220	_____	3	MATH 104	_____	3/1	SCNC 103
_____	3/1	BIOL 221	_____	2	MATH 105	_____		
_____	3/1	BIOL 250	_____	4	MATH 107	_____	2/1	* SOIL 210
_____	3/1	BOT 170	_____	3	* MATH 137	_____		
_____	3	* BUSN 120	_____	3	MATH 146	_____		
_____	3/1	CHEM 110	_____	4	MATH 165	_____		
_____	3/1	CHEM 112	_____			_____		

Transfer Course

Transfer Course

Transfer Course

Electives

Completed_____ Needed_____

Not required for all programs

Gr.	Cr.	Course	Gr.	Cr.	Course	Gr.	Cr.	Course
_____			_____			_____		
_____			_____			_____		

Academic Skills Courses (ASC)

The following Academic Skills Courses (ASC) are pre-college courses that indicate the need for college preparation work before enrollment in college level courses. These courses will not fulfill general education requirements, institutional credit requirements and cannot be included in the semester hours required for a Diploma.

Gr.	Cr.		Gr.	Cr.		Gr.	Cr.	
_____	2	ASC 082	_____	2	ASC 91	_____	2	ASC 94
_____	3	ASC 087	_____	2	ASC 92	_____	2	ASC 95
_____	1	ASC 088	_____	2	ASC 93	_____	2	ASC 96
						_____	3/1	ASC 098

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