



Electronics/Telecommunications Technology

Associate in Applied Science
Advising Worksheet* 2017-2018

Prescribed Technical Program	58
General Education	16-17
Total Degree Credits	74-75

1st Year Fall Semester

Prescribed Technical Program Requirements

ELEC	100/100L	Direct Current Analysis/Lab	5
ELEC	114/114L	Digital Electronics I/Lab	4
ELEC	118/118L	Solid State Devices I/Lab	5

General Education Course

Business, Math, Science & Technology (Select one of the following:)

MATH	103	College Algebra	
MATH	104	Finite Mathematics	
MATH	107	Pre-Calculus	3-4
MATH	137	Applied Algebra	
MATH	210	Elementary Statistics	

Total Credits 17-18

2nd Year Fall Semester

Prescribed Technical Program Requirements

ELEC	216/216L	Digital Electronics III/Lab	5
ELEC	222/222L	Electronic Communications I/Lab	5
ELEC	232/232L	Telecommunications I/Lab	5

General Education Course

Business, Math, Science & Technology

CIS	164	Networking Fundamentals I (Required)	4
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Total Credits 19

1st Year Spring Semester

Prescribed Technical Program Requirements

ELEC	115/115L	Digital Electronics II/Lab	4
ELEC	120/120L	AC Analysis/Lab	5
ELEC	130/130L	Active Devices/Lab	5

General Education Courses

Communications I

ENGL	110	College Composition I (Required)	3
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Arts & Humanities/Social & Behavioral Sciences

1.			3
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Total Credits 20

2nd Year Spring Semester

Prescribed Technical Program Requirements

ELEC	218/218L	Digital Electronics IV/Lab	5
ELEC	224/224L	Electronic Communications II/Lab	5
ELEC	234/234L	Telecommunications II/Lab	5

General Education Course

Communications II (Select one of the following:)

ENGL	120	College Composition II	
ENGL	125	Introduction to Professional Writing	3
COMM	110	Fundamentals of Public Speaking	

Total Credits 18

*This advising worksheet is unofficial and to be used for class planning purposes only. Please refer to the official catalog at <http://catalog.bismarckstate.edu/> for the complete listing of college degree requirements.

Associate in Applied Science (AAS)

2017-2018 Catalog

Advisor: _____

Office: _____

Phone: _____

Email: _____

Degree Checklist

Earned a minimum of 3 credits in ENGL 110

Earned a minimum of 3 credits in ENGL 120, ENGL 125 or COMM 110

Earned a minimum of 3 credits in Arts & Humanities/Social & Behavioral Sciences

Earned a minimum of 6 credits in Business, Math, Science & Technology

Completed prescribed technical program requirements

Earned a minimum of 60 credits

Earned at least 15 semester hours of institutional credit from BSC

Minimum of 2.00 institutional GPA (BSC only)

Minimum of 2.00 cumulative GPA (BSC + Transfer)

Minimum of 2.00 GPA in a prescribed technical program

Cleared all college obligations

Declared program of study is degree seeking

Filed an Application for Degree in the Academic Records Office

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

Legend

(*) Course not approved as GERTA

General Education Requirements

Category I: COMMUNICATIONS

Completed _____ Needed _____

Communications I

(3 Credits) - ENGL 110

Gr.

Cr.

3

ENGL 110

College Composition I

Transfer Course

Communications II

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

Gr.

Cr.

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

Transfer Courses

Transfer Courses

Transfer Courses

General Education Requirements Continued

Category III: BUSINESS, MATH, SCIENCE & TECHNOLOGY

Completed _____

Needed _____

(6 Credits) Must be satisfied with courses from two areas of study. Area of study is based on course prefix.

Gr.	Cr.				Gr.	Cr.				Gr.	Cr.			
_____	3	*	ACCT 200	Elements of Accounting I	_____	3/1	CHEM 110	Survey of Chemistry/Lab		_____	3	MATH 146	Applied Calculus I	
_____	3	*	ACCT 201	Elements of Accounting II	_____	3/1	CHEM 112	Introduction to Forensic Science/Lab		_____	4	MATH 165	Calculus I	
_____	3/1		ASTR 150	Meteorology/Lab	_____	3/1	CHEM 114	Chemistry in Art/Lab		_____	4	MATH 166	Calculus II	
_____	3	*	BADM 202	Principles of Management	_____	4/1	CHEM 115	Introductory Chemistry/Lab		_____	3	*	MATH 208	Discrete Mathematics
_____	3	*	BADM 210	Advertising I	_____	4/1	CHEM 116	Intro to Organic and Biochemistry/Lab		_____	3	MATH 210	Elementary Statistics	
_____	3	*	BADM 240	Sales	_____	4/1	CHEM 121	General Chemistry I/Lab		_____	4	*	MATH 277	Math for Elementary Teachers I
_____	3	*	BADM 281	Organizational Behavior	_____	4/1	CHEM 122	General Chemistry II/Lab		_____	3/1	MICR 202	Introductory Microbiology/Lab	
_____	3	*	BADM 282	Human Resource Management	_____	4	*	CIS 164	Networking Fundamentals I	_____	3	*	NUTR 240	Principles of Nutrition
_____	1	*	BIOL 102	Introduction to Aquarium Keeping	_____	3		CSCI 101	Introduction to Computers	_____	3/1	PHYS 100	Concepts of Physics/Lab	
_____	3		BIOL 109	The Living World	_____	3		CSCI 122	Beginning Visual Basic	_____	3/1	PHYS 110	Introductory Astronomy/Lab	
_____	3/1		BIOL 111	Concepts of Biology/Lab	_____	4		CSCI 160	Computer Science I	_____	3/1	PHYS 211	College Physics I/Lab	
_____	3/1		BIOL 115	Human Structure and Function/Lab	_____	4		CSCI 161	Computer Science II	_____	3/1	PHYS 212	College Physics II/Lab	
_____	3		BIOL 124	Environmental Science	_____	3/1	GEOG 121	Physical Geography/Lab		_____	4/1	PHYS 251	University Physics I/Lab	
_____	3/1		BIOL 125	Introduction to Ecology/Lab	_____	3/1	GEOG 102	Historical Geology/Lab		_____	4/1	PHYS 252	University Physics II/Lab	
_____	3/1		BIOL 126	Human Biology/Lab	_____	3/1	GEOG 105	Physical Geology/Lab		_____	2/1	PLSC 110	World Food Crops/Lab	
_____	3/1		BIOL 150	General Biology I/Lab	_____	3		GIS 105	Fundamentals of GIS	_____	3/1	SCNC 101	Physical Science I/Lab	
_____	3/1		BIOL 151	General Biology II/Lab	_____	3	*	GIS 107	GIS Applications				(Biology & Chemistry)	
_____	3/1		BIOL 220	Anatomy and Physiology I/Lab	_____	4		MATH 103	College Algebra	_____	3/1	SCNC 102	Physical Science II/Lab	
_____	3/1		BIOL 221	Anatomy and Physiology II/Lab	_____	3		MATH 104	Finite Mathematics				(Physics & Geology)	
_____	3/1		BIOL 250	Survey of Tropical Biology/Lab	_____	2		MATH 105	Trigonometry	_____	3/1	SCNC 103	Physical Science III/Lab	
_____	3/1		BOT 170	Plant Form and Diversity/Lab	_____	4		MATH 107	Pre-Calculus				(Astronomy & Meteorology)	
_____	3	*	BUSN 120	Fundamentals of Business	_____	3	*	MATH 137	Applied Algebra	_____	2/1	*	SOIL 210	Introduction to Soil Science/Lab
Transfer Courses					Transfer Courses					Transfer Courses				
_____					_____					_____				
_____					_____					_____				
_____					_____					_____				
_____					_____					_____				

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 an Associate in Applied Science degree.

Gr.	Cr.				Gr.	Cr.			
_____	2		ASC 082	Effective Reading	_____	2		ASC 94	College Writing Prep I
_____	3		ASC 087	College Writing Prep	_____	2		ASC 95	College Writing Prep II
_____	1		ASC 088	Composition Lab	_____	2		ASC 96	College Writing Prep III
_____	2		ASC 91	Algebra Prep I	_____	3/1		ASC 098	Basic Biology/Lab
_____	2		ASC 92	Algebra Prep II					
_____	2		ASC 93	Algebra Prep III					