

North Dakota State Board of Higher Education Policy 402.1.1:

"...every applicant for admission into a baccalaureate program of study shall submit official ACT or SAT scores. Applicants who do not have an ACT or SAT score report may be admitted provisionally, but cannot register for courses in a second term until they satisfy this requirement. Applicants to undergraduate certificate, diploma and associate programs of study are strongly encouraged to take the ACT or SAT. However, institutions may admit applicants using other approved placement resources detailed in NDUS Procedure 402.1.2."

NDSCS Course Placement Policy

The Entry Level Assessment Committee is responsible for establishing and revising this policy. Any exemptions or overrides to this policy will only be authorized in extenuating circumstances. These situations will be reviewed and managed by academic counselors and student success staff, through discussion and consultation with faculty and academic personnel as appropriate. In the event of an override or exemption documentation will be completed and communicated timely with appropriate offices and/or individuals.

Testing Exemption

The following students **are exempt** from ND SBHE Policy 402.1.1:

- Students age 25 or older on the first day of class.
- Students countries other than the U.S. and Canada.
- Students transferring 24 or more semester credits, excluding developmental coursework.

Students will **not be required** to take Course Placement tests if:

- Student has ACT official scores dated within the last **five** years.
- Student has COMPASS¹ official scores dated within the last **three** years.
- Student has ACCUPLACER² official scores dated within the last **three** years.
- Student has transferred College Composition and/or Mathematics courses that fulfill degree requirements.
- Student seeks to enroll only in courses on an audit basis.

¹ ACT Compass Sunset Date: November 30, 2016 – NDSCS will accept scores for 3 years (through test date November 30, 2019)

² Move from ACCUPLACER Classic to ACCUPLACER Next Generation November 2018

Approved by Entry Level Assessment Team 10/25/2016; Approved by the Chief Academic Officer, Harvey Link 11/02/2016;

Updated and Approved by Entry Level Assessment Team 10/11/2018 pending approval of updates to NDUS Procedure 402.1.2; Approved by the Chief Academic Officer, Harvey Link 11/08/2018

Updated to match NDUS policy for SAT Evidenced-Based Reading and Writing score 3/15/19

Course Placement Test Overview

ACT/SAT

NDSCS will accept the highest ACT sub-score for mathematics, reading and writing of any ACT test taken within five years of registration. The ACT is designed to assess student's general educational development and the ability to complete college level course work. Registration information and materials can be obtained from www.actstudent.org.

SAT (New SAT): An Evidence-Based Reading and Writing (EBRW) score below 490 for tests taken from September 20, 2018 forward or 480 for tests taken on March 5, 2016 to September 20, 2018 requires the ACCUPLACER test to determine appropriate placement in individual writing and reading courses. For tests taken from March 5, 2016 forward, a Math score below 530 requires the ACCUPLACER test to determine appropriate placement in mathematics courses.

SAT taken BEFORE March 5, 2016 (Old SAT): A combined score below 990 in Critical Reading plus Mathematics requires the ACCUPLACER test to determine appropriate placement in individual mathematics and reading courses.

ACCUPLACER Placement Exam

North Dakota State College of Science requires all students who are 25 or older to submit ACCUPLACER placement scores, unless exemptions apply. Students with ACT scores which are more than five years old **must** complete the ACCUPLACER Exam.

ACCUPLACER is a computerized adaptive placement testing system that measures skills in mathematics, reading and English. ACCUPLACER is user friendly and is designed for individuals with little or no computer experience. The test is not timed. Testers are encouraged to review the ACCUPLACER sample exam questions, which may be obtained at <https://accuplacer.collegeboard.org/students>.

The first ACCUPLACER placement test is free of charge to all students. Students challenging their ACCUPLACER placement will be required to pay a \$20 fee prior to testing. Testers should allow at least one week to retest and review subject matter. Students are eligible to take the ACCUPLACER test twice within a three (3) month period.

- Students attempting to challenge their placement (in the first course of the ASC developmental series) **must retest before** the first ASC class meeting.
- Once a student has started classes in an ASC course/series, they must complete the series and **may not** attempt to challenge placement to try to test out of a class.

English/Writing and Reading Placement

The eligibility for English 110 – College Composition I is determined by ACT scores in English and Reading and/or ACCUPLACER scores in Writing and Reading. If testing indicates the need for developmental work, student **must** successfully complete the developmental sequence before enrolling in English 110 or English 105.

Writing Placement							
ACT English score	SAT score		COMPASS Writing score	ACCUPLACER			Required WRITING Courses
	OLD Writing	NEW EBRW		WritePlacer	Sentence Skills	Next-Gen Writing	
1-11	Below 320	NA	0-25	0-2		200-236	ASC 86 College Writing Prep I
12-15	320-380	NA	26-37	3-4		237-249	ASC 87 College Writing Prep II
16-17	390-420	NA	38-76	5	20-77	250-255	English 110 College Composition I and ASC 88 Composition Lab -OR- English 105 Technical Communications
18-36	430	490 (9/20/18 forward)	77-100	5	78-120	256-300	English 110 College Composition I -OR- English 105 Technical Communications
		6-8					
		480 (3/5/16-9/20/18)					

Reading Placement					
ACT Reading score	SAT EBRW New score	COMPASS Reading score	ACCUPLACER		Required READING Courses
			Reading Comprehension	Next-Gen Reading	
1-13	NA	0-60	20-60	200-239	ASC 82 Effective Reading
14-17	NA	61-79	61-84	240-255	ASC 84 Critical Reading
18-36	480	80-100	85-120	256-300	English 110 College Composition I -OR- English 105 Technical Communications

EBRW = Evidence-Based Reading and Writing

If placement indicates prep courses are needed in:

Reading only: Take ASC 82 followed by ASC 84, then ENGL 110 or ENGL 105.

Writing only: Take ASC 86 followed by ASC 87, then ASC 88 with ENGL 110 or ENGL 105.

Reading & Writing: Required ASC 82, ASC 84, ASC 86, and ASC 87 must be successfully completed before enrolling in ENGL 105 or ASC 88 with English 110.

ASC reading and writing sequences must be followed, although reading and writing courses may be taken at the same time.

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Mathematics Placement Scores

The eligibility to enroll in mathematics courses is determined by ACT and/or ACCUPLACER scores in mathematics. The appropriate mathematics class is dependent upon the program of study. If testing indicates the need for developmental work, the student must successfully complete the developmental sequence before enrolling in the required mathematics course(s).

Accuplacer QAS = Quantitative Reasoning, Algebra, and Statistics (NEW Elementary Algebra)

Accuplacer AAF = Advanced Algebra and Functions (NEW College-Level Math)

LIBERAL ARTS / TRANSFER MATHEMATICS									
Dental Assisting					Dental Hygiene				
Liberal Arts (Transfer, Pathway)					Nursing: Practical Nursing (LPN)				
Pharmacy Technician (Certificate, AAS)					Nursing: Registered Nursing (ASN-RN)				
EMS: Advanced EMT					Nursing: Registered Nursing (AAS-RN)				
EMS: Paramedic Technology (Certificate, AAS)									
ICT: Information Systems Administrator (AAS)									
ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	COMPASS SCORE DOMAIN		
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		Pre-Algebra	Algebra	College Algebra
1-12	20-50		200-224			ASC 90 Math Prep	0-43		
13-15	51-120	25-40	225-236			ASC 91 Algebra Prep I	44-70		
16-18		41-56	237-245			ASC 92 Algebra Prep II	71-100	0-20	
19-20		57-75	246-254			ASC 93 Algebra Prep III		21-48	
21-23		76-120	255-300	50-89	237-262	If you are planning a four-year degree, consider one of the following transfer math courses: <ul style="list-style-type: none"> • MATH 103 College Algebra • MATH 104 Finite Math • MATH 105 Trigonometry • MATH 146 Applied Calculus • MATH 210 Elementary Statistics 		49-100	0-45
24-36				90-120	263-300	MATH 165 Calculus I or Any appropriate NDSCS Transfer Level Math course. Students are encouraged to discuss placement with an academic advisor before registering for classes.			46-100

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BASIC MATHEMATICS[^]									
Agriculture: Agronomy*					Agriculture: Animal Science*				
Agriculture: Farm Management*					Agriculture: Precision Agriculture*				
Agriculture: Ranch Management*					Auto Body Repair and Refinishing Technology				
Caterpillar Dealer Service Technician					Automotive Technology (and all subplans)				
HVAC/R Technology					Diesel Technology (Case IH, Komatsu, General Diesel)				
John Deere Tech					Mechanical Systems				
Powersports Technology									

ACT		ACCUPLACER SCORE DOMAIN				Placement Math Course	COMPASS SCORE DOMAIN		
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		Pre-Algebra	Algebra	College Algebra
1-12	20-50		200-224			MATH 120 Basic Math I MATH 123 Basic Math II MATH 125 Basic Math III PLUS recommended tutoring in the Student Success Center	0-20		
13-36	51-120	25-120	225-300			MATH 120 Basic Math I MATH 123 Basic Math II MATH 125 Basic Math III	21-100	0-100	

[^]Students planning to transfer and earn a 4-year degree are encouraged to follow Liberal Arts requirements.

*Only Math 120 is required

BUSINESS MATHEMATICS[^]									
Agriculture: Ag Business (AAS)									
Business Management: Business Technology Management (3 rd Year option) (Certificate)									
Business Management: Administration and Finance (AAS)					Business Management: Marketing, Sales and Hospitality Services Business Management: Sales (Business Pro)				
Culinary Arts: Chef Training and Management Technology (Diploma, AAS)									
ICT: Web Design (Certificate)									
IICT: Web Developer (AAS)									

ACT		ACCUPLACER SCORE DOMAIN				Placement Math Course	COMPASS SCORE DOMAIN		
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		Pre-Algebra	Algebra	College Algebra
1-12	20-50		200-224			ASC 90 Math Prep	0-43		
13-20	51-120	25-75	225-254			BOTE 108 Business Mathematics	44-100	0-48	
21-23		76-120	255-300	50-89	237-262	If you are planning a four-year degree, consider one of the following transfer math courses: <ul style="list-style-type: none"> • MATH 103 College Algebra • MATH 104 Finite Math • MATH 105 Trigonometry • MATH 146 Applied Calculus • MATH 210 Elementary Statistics 		49-100	0-45
24-36				90-120	263-300	MATH 165 Calculus I or Any appropriate NDSCS Transfer Level Math course. Students are encouraged to discuss placement with an academic advisor before registering for classes.			46-100

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ELECTRICAL [^]									
Electrical Technology (and all subplans)									
ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	COMPASS SCORE DOMAIN		
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		Pre-Algebra	Algebra	College Algebra
1-12	20-50		200-224			ASC 90 Math Prep – 1 st 8 Weeks AND ASC 95 Pre-Trigonometry – 2 nd 8 Weeks	0-43		
13-20	51-120	25-75	225-254			MATH 132 Technical Algebra I MATH 136 Technical Trigonometry MATH 134 Technical Algebra II	44-100	0-48	
21-23		76-120	255-300	50-89	237-262	If you are planning a four-year degree, consider one of the following transfer math courses: <ul style="list-style-type: none"> • MATH 103 College Algebra • MATH 104 Finite Math • MATH 105 Trigonometry • MATH 146 Applied Calculus • MATH 210 Elementary Statistics 		49-100	0-45
24-36				90-120	263-300	MATH 165 Calculus I or Any appropriate NDSCS Transfer Level Math course. Students are encouraged to discuss placement with an academic advisor before registering for classes.			46-100

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TECHNICAL MATH[^]									
Architectural Drafting and Estimating Technology Construction Management Technology Precision Machining Technology Welding Technology					Building Construction Technology Land Surveying & Civil Engineering Technology Robotics, Automation & Mechatronics Technology				
ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	COMPASS SCORE DOMAIN		
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		Pre-Algebra	Algebra	College Algebra
1-12	20-50		200-224			ASC 90 Math Prep	0-43		
13-20	51-120	25-75	225-254			MATH 130 Technical Math MATH 132 Technical Algebra I MATH 136 Technical Trigonometry	44-100	0-48	
21-23		76-120	255-300	50-89	237-262	If you are planning a four-year degree, consider one of the following transfer math courses: <ul style="list-style-type: none"> • MATH 103 College Algebra • MATH 104 Finite Math • MATH 105 Trigonometry • MATH 146 Applied Calculus • MATH 210 Elementary Statistics 		49-100	0-45
24-36				90-120	263-300	MATH 165 Calculus I or Any appropriate NDSCS Transfer Level Math course. Students are encouraged to discuss placement with an academic advisor before registering for classes.			46-100

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NO SPECIFIC MATH REQUIREMENT:

- Business Management: Entrepreneurship (Bus. Pro)
- Business Management: Finance (Bus. Pro)
- Business Management: Management/Supervision (Bus. Pro)
- EMS: Emergency Medical Technician (EMT)
- HI: Health Information Technician
- HI: Medical Coding
- ICT: Information Technology Support
- ICT: IT Forensics and Security
- Occupational Therapy Assistant
- Plumbing
- Technical Studies (Including Journeyworker Track)

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