

**NDSCS follows the below policy for admission purposes.**

**North Dakota State Board of Higher Education Policy 402.1.1:**

*"...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 follows the below policy for course placement into mathematics and/or English courses.**

**North Dakota State Board of Higher Education Policy 402.1.2:**

- 1. NDUS institutions use nationally recognized examinations referenced in NDUS Procedure 402.1.2 (4)-(8) for the purpose of admission and placement in college or university courses.*
- 2. Students without qualifying assessment scores shall successfully complete a developmental course before enrolling in a degree credit bearing mathematics or English course or enroll in an institutionally-approved co-requisite course while taking a degree credit bearing mathematics and/or English course. Institutions may adopt policies requiring a higher qualifying placement score or additional placement criteria.*

**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.

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

- Student has ACT official scores dated within the last **five** years.
- Student has ACCUPLACER<sup>1</sup> 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.
- Student has **completed** MyFoundationsLab English Units 1-6 and/or Math Units 1-16 with scores of 70% or higher.

Students are encouraged to take the ACCUPLACER test in areas that college-level placement and/or Program Admission Requirements are not met.

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<sup>1</sup> Move from ACCUPLACER Classic to ACCUPLACER Next Generation November 2018

*Updated and Approved by Entry Level Assessment Team 4/15/21*

*Approved by Entry Level Assessment Team 10/10/2019*

*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](http://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.

### 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.

### Pearson MyFoundationsLab (Pearson CLEM/CREAM) [North Dakota High School Students]

As components within the Choice Ready indicators, the College Ready English and Math (CREAM) and College Lab for English and Math (CLEM) programs are designed to provide high school seniors with the opportunity to take necessary developmental coursework required upon entering higher education.

Pearson MyFoundationsLab is offered through North Dakota High Schools and NDSCS will accept the scores for placement into college level English and Math courses. If students are registering for classes before completing the MyFoundationsLab coursework ACT/SAT/ACCUPLACER scores will be utilized for course placement. NDSCS uses the highest placement scores, as such schedules may need to be adjusted once completed MyFoundationsLab scores are received.

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## English/Writing and Reading Placement

The eligibility for English 110 – College Composition I is determined by nationally recognized examinations, such as ACT, in English/Writing and Reading. If testing indicates the need for developmental work, students **must** successfully complete the developmental sequence before enrolling in English 110 or English 105. Co-requisite to English 110 may apply.

Writing Placement							
ACT English score	SAT score		MyFoundations Lab (English Units 1-6)	ACCUPLACER			Required WRITING Courses
	OLD Writing	NEW EBRW		WritePlacer	Sentence Skills	Next-Gen Writing	
1-11	Below 320	NA		0-2		200-236	ASC 86 College Writing Prep I
12-15	320-380	NA		3-4		237-249	ASC 87 College Writing Prep II
16-17	390-420	NA		5	20-77	250-255	English 110 College Composition I and ASC 88 Composition Lab <b>-OR-</b> English 105 Technical Communications
18-36	430	490 (9/20/18 forward)	70% or higher on all units	5	78-120	256-300	English 110 College Composition I <b>-OR-</b> English 105 Technical Communications
		6-8		480 (3/5/16-9/20/18)			

Reading Placement					
ACT Reading score	SAT EBRW New score	MyFoundations Lab (English Units 1-6)	ACCUPLACER		Required READING Courses
			Reading Comprehension	Next-Gen Reading	
1-13	NA		20-60	200-239	ASC 82 Effective Reading
14-17	NA		61-84	240-255	ASC 84 Critical Reading
18-36	480	70% or higher on all units	85-120	256-300	English 110 College Composition I <b>-OR-</b> 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 nationally recognized examinations, such as ACT, 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 Liberal Arts (Transfer, Pathway) Pharmacy Technician (Certificate, AAS)				Dental Hygiene Nursing: Practical Nursing (LPN) Nursing: Registered Nursing (ASN-RN) Nursing: Registered Nursing (AAS-RN)			
EMS: Paramedic Technology (Certificate, AAS) ICT: Information Systems Administrator (AAS) RAMT: Mechatronics Engineering Technology							
ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	MyFoundationsLab (Math Units 1-16)
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		
1-12	20-50		200-224			ASC 90 Math Prep	
13-15	51-120	25-40	225-236			ASC 91 Algebra Prep I	
16-18		41-56	237-245			ASC 92 Algebra Prep II	
19-20		57-75	246-254			ASC 93 Algebra Prep III	
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"> <li>• MATH 103 College Algebra</li> <li>• MATH 104 Finite Math</li> <li>• MATH 105 Trigonometry</li> <li>• MATH 146 Applied Calculus</li> <li>• MATH 210 Elementary Statistics</li> </ul>	70% or higher on all units
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.	

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<b>BASIC MATHEMATICS<sup>^</sup></b>							
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			
Diesel Technology (Case IH, Komatsu, General Diesel)				HVAC/R Technology			
John Deere Tech				Mechanical Systems			
Powersports Technology							
ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	MyFoundationsLab (Math Units 1-16)
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		
1-12	20-50		200-224			MATH 120 Basic Math I MATH 123 Basic Math II MATH 125 Basic Math III <b>PLUS</b> recommended tutoring in the Student Success Center	
13-36	51-120	25-120	225-300			MATH 120 Basic Math I MATH 123 Basic Math II MATH 125 Basic Math III	70% or higher on all units

<sup>^</sup>Students planning to transfer and earn a 4-year degree are encouraged to follow Liberal Arts requirements.

\*Only Math 120 is required

<b>BUSINESS MATHEMATICS<sup>^</sup></b>							
Agriculture: Ag Business							
Business Management: Business Technology Management (3 <sup>rd</sup> Year option)							
Business Management: Administration and Finance							
Business Management: Marketing, Sales and Hospitality Services							
Business Management: Sales							
Culinary Arts: Chef Training and Management Technology							
ICT: Web Design							
IICT: Web Developer							
ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	MyFoundationsLab (Math Units 1-16)
Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math	Next-Gen AAF		
1-12	20-50		200-224			ASC 90 Math Prep	
13-20	51-120	25-75	225-254			BOTE 108 Business Mathematics	
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"> <li>• MATH 103 College Algebra</li> <li>• MATH 104 Finite Math</li> <li>• MATH 105 Trigonometry</li> <li>• MATH 146 Applied Calculus</li> <li>• MATH 210 Elementary Statistics</li> </ul>	70% or higher on all units
24-36				90-120	263-300	MATH 165 Calculus I <b>or</b> Any appropriate NDSCS Transfer Level Math course. Students are encouraged to discuss placement with an academic advisor before registering for classes.	

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**TECHNICAL MATH<sup>A</sup>**

Architectural Drafting and Estimating Technology  
 Construction Management Technology  
 Electrical Technology (all subplans)  
 RAMT: General Technician  
 Welding Technology

Building Construction Technology  
 Land Surveying & Civil Engineering Technology  
 Precision Machining Technology

ACT	ACCUPLACER SCORE DOMAIN					Placement Math Course	MyFoundationsLab (Math Units 1-16)
	Math Score	Arithmetic	Elementary Algebra	Next-Gen QAS	College Level Math		
1-12	20-50		200-224			ASC 90 Math Prep	
13-20	51-120	25-75	225-254			MATH 130 Technical Math* MATH 132 Technical Algebra I MATH 134 Technical Algebra** MATH 136 Technical Trigonometry	
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"> <li>• MATH 103 College Algebra</li> <li>• MATH 104 Finite Math</li> <li>• MATH 105 Trigonometry</li> <li>• MATH 146 Applied Calculus</li> <li>• MATH 210 Elementary Statistics</li> </ul>	70% or higher on all units
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.	

<sup>A</sup>Students planning to transfer and earn a 4-year degree are encouraged to follow Liberal Arts requirements.

\*MATH 130 for all programs except Electrical Technology

\*\*MATH 134 only for Electrical Technology

**NO SPECIFIC MATH REQUIREMENT:**

Agriculture: Meat Processing  
 Auto and Diesel Master Technician  
 Autonomous Systems Technology  
 Business Management: Entrepreneurship  
 Business Management: Finance  
 Business Management: Management/Supervision  
 Business Management/Culinary Arts: Restaurant Management (3<sup>rd</sup> Year option)  
 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)  
 Unmanned Aircraft Systems (UAS)

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