

Course Placement Information – Effective Summer 2023*

Per Academic Affairs Council (AAC) approved guidelines [7.6.A \(Math\)](#) & [7.6.B \(English\)](#)

English & Reading

Course(s)	ACT Sub-Score	Accuplacer (Next Generation)*	SAT Evidence-Based Reading & Writing (ERW)	Smarter Balanced
English				
ENGL 033 Basic Writing	ACT English: 1 - 17	Writing: 0 - 262	ERW: 0 - 480	ELA: 0 - 2582
ENGL 032/101 (co-requisite)	ACT English: 1 - 17	Writing: 0 - 262	ERW: 0 - 480	ELA: 0 - 2582
ENGL 101 Composition I	ACT English: 18 - 36	Writing: 263 or higher	ERW: 490 or higher	ELA: 2583 or higher
Reading				
ENGL 145 Language Arts	ACT Reading: 1 - 15	Reading: 200 - 262	ERW: 0 - 440	N/A

Math

Course(s)	DSU Pilot Project MATH ACT or SAT Score	High School GPA <i>(less than 5 years old)</i>	Index Placement		Smarter Balanced	Non-Index Placement ONLY if NO High School GPA
			Math Index (MI)** (250*HS GPA)+(17*MATH_ACT)	Challenge Index (CI)*** (290*HS GPA) + (AAF + 20)		Accuplacer (Next Generation)*
MATH 095 Pre-College Algebra			Any student can take this course. Recommended for students with a Math Index below 950 or HS GPA below 2.34.			
MATH 101 Intermediate Algebra			Basic Placement Any student can take this course for initial placement.			
MATH 103 Quantitative Reasoning MATH 114 College Algebra		$3.03 \leq \text{HSGPA} < 3.55$	MI: 1150 or higher	CI: 1150 or higher	2628 or higher	QAS: 255 - 300 or AAF: 200 - 249
MATH 115 Pre-Calculus MATH 120 Trigonometry MATH 121 Survey of Calculus MATH 201 Intro to Discrete Math MATH 281 Intro to Statistics	MATH ACT ≥ 25 OR MATH SAT ≥ 590	HSGPA 3.55 or higher	MI: 1300 or higher	CI: 1300 or higher	NA	AAF: 250 – 300 or SDCalculus: 1 - 15
MATH 123 Calculus I	MATH ACT ≥ 25 or MATH SAT ≥ 590 AND Accuplacer SDCalculus 19 or higher	HSGPA 3.55 or higher AND Accuplacer SDCalculus 19 or higher	MI: 1300 or higher AND Accuplacer SDCalculus 19 or higher	CI: 1300 or higher AND Accuplacer SDCalculus 19 or higher	NA	AAF: 250 or higher AND SDCalculus: 19 or higher

*ACCUPLACER (Next Generation): Math test names are Quantitative Reasoning, Algebra, and Statistics (QAS) and Advanced Algebra and Functions (AAF). Accuplacer used only if no HS GPA.

** Math Index is a combination of the student’s high school GPA and ACT/SAT Math sub-score.

*** Challenge Index is a combination of the student’s high school GPA and ACCUPLACER Advanced Algebra and Functions (AAF) exam. If there is no AAF score available, the student did not score high enough on the QAS position to move on to the AAF – the student is eligible for MATH 101.

Notes:

- ACT/SAT Math sub-scores will only be used in isolation for placement in MATH 115 or higher per the approved DSU Pilot Project
- Students are permitted to take the ACCUPLACER 2 times either to challenge initial placement or to determine placement if no viable HS GPA
 - o If using ACCUPLACER to challenge the initial placement, each attempt is a \$20 fee
 - o If using ACCUPLACER to determine initial placement, the first attempt is free and the 2nd attempt is \$20
- Test Scores & HS GPA must be no more than 5 years old to be used for placement
 - o If scores are older than 5 years, students must take the ACCUPLACER to determine placement
- Students cannot receive college credit for courses based on ACT, ACCUPLACER, Smarter Balanced, or SAT score

Questions regarding your placement results, please contact the DSU Registrar’s Office at (605)256-5144 or DSU-Registrar@dsu.edu.

Students should discuss math placement with their advisor. Students may need to enroll in pre-requisite coursework if they do not place directly into the math course required for their major. (e.g. MATH 123 has a pre-requisite of MATH 115 or MATH 120).

Required Math Course by Major

Analytical Science – MATH 123 and higher	Computer Science – MATH 123 and higher	Health Informatics & Info Management (AS & BS) – MATH 114
Artificial Intelligence – MATH 123 and higher	Cyber Leadership & Intelligence – MATH 103 or higher	Mathematics (all specializations) – MATH 123 and higher
Artificial Intelligence in Organizations – MATH 201	Cyber Operations – MATH 201	Network & Security Administration (AS) – MATH 103 or higher*
Biology (Education) – MATH 114	Digital Accounting – MATH 114	Network & Security Administration (BS) – MATH 281
Biology (Integrative) – MATH 281	Digital Arts & Design – MATH 103 or higher	Physical Education – MATH 103 or higher
Business Administration (BBA) – MATH 114	Digital Content – MATH 103 or higher	Professional Accountancy – MATH 114
Business Analytics – MATH 114	Elementary Education – MATH 114	Project Management – MATH 103 or higher*
Business Education – MATH 114	Elementary Education/Special Education – MATH 114	Software Development (AS) – MATH 103 or higher*
Business Management (AS) – MATH 114	English (Education) – MATH 114	Special Education – MATH 114
Computer Education – MATH 114	English (English for New Media) – MATH 103 or higher	Web Development (AS) – MATH 114
Computer Game Design – MATH 123	Exercise Science – MATH 114	
Computer Information Systems – MATH 114	General Studies – MATH 103 or higher	

* If considering continuing into a 4-year program in a specific field, do not take MATH 103; MATH 103 is only eligible for select majors. Discuss course options with an advisor.

***These guidelines reflect the DSU Math Placement Pilot approved by Academic Affairs Council January 2023. These guidelines will be used for incoming students beginning summer 2023.**