

## Math Self-Placement Guidance for Students For Summer 2021 Enrollment Only

The Virginia Community College System no longer uses the Virginia Placement Test (VPT) to determine readiness for college-level math for most students. (Some students may be required to take the VPT.)

This guide is to help you determine which mathematics course you are ready to take. Note that students are able to enroll in MTH 111, 133, 154, 161 or 167 for summer 2021. New standards will be put in place for enrollment in these courses for fall 2021 (i.e. based on high school coursework).

**Step 1:** *Your first step is to determine which math course you need for your program of study (your “degree” or “major”) or your academic goals (such as transfer). You can find more information in the College Catalog: <https://www.nvcc.edu/catalog/> Some programs of study have changed their math requirement. Be sure to use the correct catalog year. If you are unsure about the math requirements for your program of study, you should consult the catalog and reach out to an advisor: <https://www.nvcc.edu/advising/virtual/index.html>*

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### Do you need MTH 154?

*MTH 154 is Quantitative Reasoning. To be successful in this course, students should be comfortable with algebra I and II concepts and should have good reading comprehension skills. You can find a detailed description here: [MTH 154 Course Content Summary](#)*

**MTH 154** is an appropriate math course for the following popular programs of study at NOVA. (Some may also require MTH 245 as a second math course.)

*This list does not include all programs of study at NOVA. The math requirements are based on the 2020-2021 catalog. If you are unsure about the math requirements for your program of study, you should consult the catalog and reach out to an advisor: <https://www.nvcc.edu/advising/virtual/index.html>*

- Cinema A.F.A.
- Cybersecurity A.A.S.
- Administration of Justice A.A.S.
- General Studies A.S. (depending on transfer intentions)
- Liberal Arts A.A.

Social Sciences A.S.

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**Do you need MTH 161 or 167 (precalculus)?**

*MTH 161 is Precalculus I, a 3-credit course. Some programs of study require both MTH 161 and 162. MTH 167 is a 5-credit, fast-paced precalculus course that covers the content in both 161 and 162. Precalculus builds upon an algebra foundation, so students should have strong Algebra I and II skills, as well as good reading comprehension skills.*

*You can find detailed descriptions here:*

*MTH 161 Course Content Summary <link to*

*<https://www.nvcc.edu/academic/coursecont/summaries/MTH161.pdf>>*

*MTH 167 Course Content Summary <link to*

*<https://www.nvcc.edu/academic/coursecont/summaries/MTH167.pdf>>*

**MTH 161** is an appropriate math course for the following programs of study at NOVA. Some may recommend taking MTH 167 or may also require MTH 162, MTH 261, MTH 263 and higher.

*This list does not include all programs of study at NOVA. The math requirements are based on the 2020-2021 catalog. If you are unsure about the math requirements for your program of study, you should consult the catalog and reach out to an advisor:*

*<https://www.nvcc.edu/advising/virtual/index.html>*

Business Administration A.S.

Computer Science A.S.

Information Technology A.S.

Science A.S.

Engineering A.S.

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**Specialty courses: Do you need MTH 111 or MTH 133?**

*MTH 111 is intended for students who are in some career and technical fields/degree programs. Students should check degree requirements before enrolling in this course.*

You can find detailed descriptions here: [MTH 111 Course Content Summary](#)

*MTH 133 is specifically intended for students pursuing the Vet Tech program of study.*

*These courses are not intended to transfer to four-year institutions.*

*<You can find detailed descriptions here: [MTH 133 Course Content Summary](#)*

**Step 2:** We want you to be prepared for the math course you take. If you are not ready for college-level math, we have options to support you!

### **Am I ready for MTH 154?**

MDE 10 (Introductory Algebra) is a new class that will start in Fall 2021. MDE 10 is a 3-credit developmental level course. Students can take MDE 10 before taking MTH 154 with MDE 54.

If you need to take a developmental level math course this summer before attempting MTH 154, you may enroll in MTT. You should speak with an advisor first.

You may also consider taking MTH 154 with a support course. This summer, the support course is a 2-credit course called MCR 4.

MDE 54 (Support for MTH 154) is a new 3-credit support course that will start in Fall 2021. Students take the support course alongside paired sections of MTH 154. In either MCR 4 or MDE 54, students receive extra support to help them success in MTH 154.

To help you decide, check out this [questionnaire](#).

### **Am I ready for precalculus?**

MDE 60 (Intermediate Algebra) is a new class that will start in Fall 2021. MDE 60 helps students prepare for MTH 161 with MDE 61. MDE 60 is a 3-credit developmental level course. Students can take MDE 60 before taking MTH 161 with MDE 61. Some students may want to take MDE 10 prior to taking MDE 60.

If you need to take a developmental level math course this summer before attempting precalculus, you may enroll in MTT. You should speak with an advisor first.

You may also consider taking MTH 161 with a support course. This summer, the support course is a 2-credit course called MCR 6.

MDE 61 (Support for MTH 161) is a 3-credit support courses that will start in Fall 2021. Students take MDE 61 alongside paired sections of MTH 161. In either MCR 6 or MDE 61 Students receive extra support to help them success in MTH 161.

To help you decide, check out this [questionnaire](#).

Note that MTH 167 is a fast-paced 5-credit math course. Students who enroll in this course should have a strong algebra foundation.

**Am I ready for MTH 111 or 133**

MDE 10 (Introductory Algebra) is a new class that will start in Fall 2021. MDE 10 helps students prepare for MTH 111 or MTH 133. MDE 10 is a 3-credit developmental level course. Students can take MDE 10 before taking either MTH 111 or MTH 133.

If you need to take a developmental level math course this summer before attempting MTH 111 or 133, you may enroll in MTT. You should speak with an advisor first.

To help you decide, check out this [questionnaire](#).

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**What if I think I am ready for placement into higher-level math (MTH 162, 245, 261 or 263)?**

Contact [mathplacement@nvcc.edu](mailto:mathplacement@nvcc.edu) . Recent high school graduates (2016 or later) will need to provide a copy of their transcript. Students who have previously enrolled in a math class at another college or university will need to provide placement documentation from that institution or a copy of their transcript.

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**Step 3: Enroll!** *If you are unsure about the math requirements for your program of study, what you are permitted to enroll in, or need more assistance, reach out to an advisor:*  
<https://www.nvcc.edu/advising/virtual/index.html>