



Shenendehowa
Central Schools

2019-20 Accelerated Tech Informational Meeting

March 27th, 2019

8:00 AM

Gowana Middle School Auditorium

Mr. Nagy

Technology Teacher

Mrs. Barra

Academic Administrator of Technology

Application Form

Opens 3:00 PM 3/27/19

Closed 3:00 PM 4/12/19.

Please Note:

Students must be logged into their shenschools.org account to access the application form. If the students use their school issued Chromebook, they will automatically be in their shenschools account.

Greetings!

I want to take a moment to present an exciting opportunity that may be of interest to you. In September, you will be entering 8th grade, so high school is just around the corner. With this in mind, you may want to consider the option of accelerating in Technology. Hopefully you have an interest in Technology and realize that following your interest can help you in the future. Therefore, I would like to invite you to learn more about Accelerated Technology.

The option for Accelerated Technology is Design and Drawing for Engineering (DDE). The course is offered to 8th graders for high school credit during period zero (before school). This is a unique opportunity for students interested in Technology Education to get a jump on their high school education. By accelerating in Technology Education, students will have access to more upper level Technology Education electives in high school.

To find out more about this exciting opportunity, you and your parent(s)/guardian(s) are invited to attend a brief meeting on **Wednesday, March 27th at 8 A.M.** in the Gowana Auditorium. At that time, we will answer any questions you may have. At the meeting, we will also explain how students can apply for Accelerated Technology.

Please share this information with your parent(s)/guardian(s). We truly hope to see you on Wednesday, March 27th. If you cannot attend, please see your child's technology teacher for the informational packet and link to the application.

We hope to see you March 27th!

Rose Barra
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*****QUESTIONS AND ANSWERS*****

What is Technology Education?

Technology education consists of pathways that help students learn about technology related careers. This includes construction, architecture, engineering, automotive technology, computer aided drafting, manufacturing, electronics and much more. In all technology courses, students work on projects that build skills in math, science and technology.

How do students typically elect this program?

In grades 9-12, students can elect to take Technology Education courses. Over a four year high school career, students often complete a 3 or 5-unit pathway that is designed to prepare them for college or a technical career. Although it is recommended that students complete a pathway in Technology Education, some elect to take a few courses simply based on their interests.

What does acceleration mean?

Acceleration means that students choose to begin their high school Technology Education program earlier. This allows students to complete a 5-unit progression over a period of 5 years rather than the traditional four. This is especially helpful for students who carry heavy advanced placement schedules in the high school, as well as those who desire to take more upper level electives such as Automotive Technology and Construction Technology. Automotive and Construction Technologies are both 2 period classes. Without accelerating in Technology during 8th grade, few students can schedule both courses in a four year period.

What courses are offered for Acceleration?

Design and Drawing for Engineering (DDE)

DDE is the first course in the Pre-Engineering sequence. Students strong in Math & Science and interested in Technology are best suited for DDE. In this course, students are challenged to solve relevant design problems using a variety of skills and techniques. While developing solutions to problems, students learn to communicate their ideas through drawings. Most of their designs are modeled and simulated in a 3D solid modeling program called AutoDesk Inventor. At the completion of DDE, students also have an option for college credit. RIT offers 3 credits to students that complete the course with an average of 85% and score a minimum stanine as determined by RIT.

When is Accelerated Technology offered?

*Accelerated Tech runs during Period zero of the Middle School schedule, 8:00-8:40 a.m. Students can ride a high school bus or have a parent/guardian/sibling drive them to school. Following Accelerated Tech students report to their homerooms. Please keep in mind Accelerated Tech is a **class**, not a club. **Attendance is required**. Students taking this class may not choose to attend before school activities during period 0.*

Do 8th grade students earn high school credit in Accelerated Tech?

YES – Accelerated Tech satisfies 1 Unit of high school credit. DDE also satisfies the graduation requirement for 1 unit of Art or Music.

If a student accelerates In Technology, does he/she still have to take 8th grade Tech?

YES. Regardless of high school acceleration, students must complete all mandated middle school course requirements.

What are the benefits of acceleration?

- *By accelerating, students enjoy the option of distributing 5 or more high school electives over five years rather than four.*
- *DDE satisfies the high school graduation requirement for 1 unit of Art or Music.*
- *High performing students in DDE can qualify for college credit from RIT (Rochester Institute of Technology).*
- *DDE is a prerequisite course for several upper level Technology Education electives.*

What are the selection criteria for Accelerated Technology?

- *Be an 8th grade student in 2018-19.*
- *Have a good attendance record.*
- *Strong Math and Science grades*
- *Have a strong work ethic and be willing to address difficult problems.*
- *Be willing to work hard in a fast-paced curriculum.*
- *Completion of an online application form expressing why you would like to participate.*

Please note: Availability of this program is limited. Students are selected based on the grades and information provided in the application form. All applicants will be informed of their status in mid-May.

How do students enroll in Accelerated Tech?

Submit the application form at the link below beginning at 3:00 PM on March 27th but no later than 3:00 PM on Tuesday, April 12th. Late applications will be held on a wait list.

<https://goo.gl/forms/D5eVXQB37eutpWBq2>