

North Boone High School

Recommended Changes to Course Guide

Dual Credit Courses Offered at NBHS by a NBHS Teacher

The courses listed below will be offered at North Boone High School and taught by a North Boone High School teacher. Students who take these courses and earn a passing grade will earn ½ high school credit for each course and 3 college credits.

These courses will be offered to seniors only and if students take both courses, they will meet the graduation requirement for senior year English-Language Arts.

There will not be a cost to students to these courses. The district will be charged \$50.00 for every student who takes the course. The student will be responsible for the cost of books.

The teacher and the students will use Rock Valley College's Learning Management System.

English 101

In Composition I, students employ flexible strategies to develop focused, purposeful essays that demonstrate college-level thinking. Students write in a variety of textual forms, including persuasive essays in the latter half of the semester, and learn to address the needs of audiences by increasing their awareness of the rhetorical situations in which they write. Students learn to develop and support their claims effectively, to position their ideas in relation to those of others, and to edit their writing carefully. Students write 16-24 pages of revised prose during the course.

English 103

In Composition II, the second half of a two-semester writing sequence, students conduct research on academic topics, advance extended arguments, and use sources appropriately and effectively. In doing so, they develop the habits of mind associated with sound scholarship. Students write 16-24 pages of revised prose during the course, including documented multi-source writing in one or more papers for a combined total of at least 2500 words in the final version. Prerequisite: A grade of "C" or higher in [ENG 101-Composition I](#).

Courses Offered at Rock Valley College's Advanced Technology Center

These courses have not been approved by our partner, District 100 yet.

A great opportunity has come to our community with the opening of RVC's Advanced Technology Center. This campus will house many different programs within the area of manufacturing with labs and equipment we do not have in our high schools. The goal of this proposal is to create an opportunity for students to access this facility in a way that doesn't cause too much disruption to their normal high school schedule. This proposal expands our course catalog by utilizing the ATC to offer classes we wouldn't normally be able to offer students and doesn't require them to leave their high school campus every day.

Course Structure: These courses will run Mondays, Wednesdays, and every other Friday's during periods 1 and 2 from 8:30 a.m. - 9:45 a.m. Students needing transportation would board a bus at 8:15 which would take them to the ATC and again at 9:45 to take them back to their high school in time for the start of the 3rd hour.

Introduction to Welding (Fall of 2022)

Introduction to Welding is designed for beginning welders. It covers the basic theory and provides hands-on lab practice of Shielded Metal Arc Welding (Stick), Gas Metal Arc Welding (MIG), Gas Tungsten Arc Welding (Tig), Oxyfuel (Gas) welding and cutting, plasma arc cutting, and brazing and soldering processes. Special emphasis is placed on welding shop practices and process safety. This course prepares the student to enter the rest of the welding skills courses at the ATC.

Supply Chain Logistics (Fall of 2022)

Course Description: Supply Chain Logistics introduces the fundamentals to Supply Chain Management (SCM) and automation necessary in improving business efficiency. Fundamentals explored in this course include inventory management, forecasting and planning, sourcing, product design and development, delivery, performance data and analysis, and supply chain coordination.

Advanced Mechatronics

Mechatronics is an emerging field that blends skills in mechanical, electrical, and computer systems that are needed in robotics and automated manufacturing industries. Two years ago D100 added a mechatronics lab at each of the high schools. Adding this course will allow students to continue to learn about mechatronics in RVC's Advanced Technology Center which includes a nearly 25,000 square foot mechatronics lab which houses more advanced equipment than is currently available in our high school labs. After completing this course, students will be almost halfway through RVC's mechatronics I certificate.

Course Structure: These courses will run Mondays, Wednesdays, and every other Friday's from 8:30 a.m. - 9:45 a.m. Students needing transportation would board a bus at 8:15 which would take them to the ATC and again at 9:45 to take them back to their high school in time for the start of the 3rd hour.

Community Service Requirement

Community Service is not a state graduation requirement. I am proposing that community service no longer be a graduation requirement beginning with the Class of 2022. However we want to encourage students to participate in community service during their time as students at North Boone High School.

I am requesting students be allowed to earn $\frac{1}{4}$ credit for every 40 hours of community service they complete. This is a similar amount of time to a student being enrolled in a typical high school course for one quarter.

Students will be allowed to earn a maximum of 1 credit of community service during their 4 years of high school.

Students will earn a grade of "P" for each ¼ credit of community service. This will not count in the student's grade point average. Community service will be considered an elective credit.

We will continue to track student's community service as part of the College and Career Readiness Standards which we report to the state and will eventually be considered in our summative designation on our school report card.