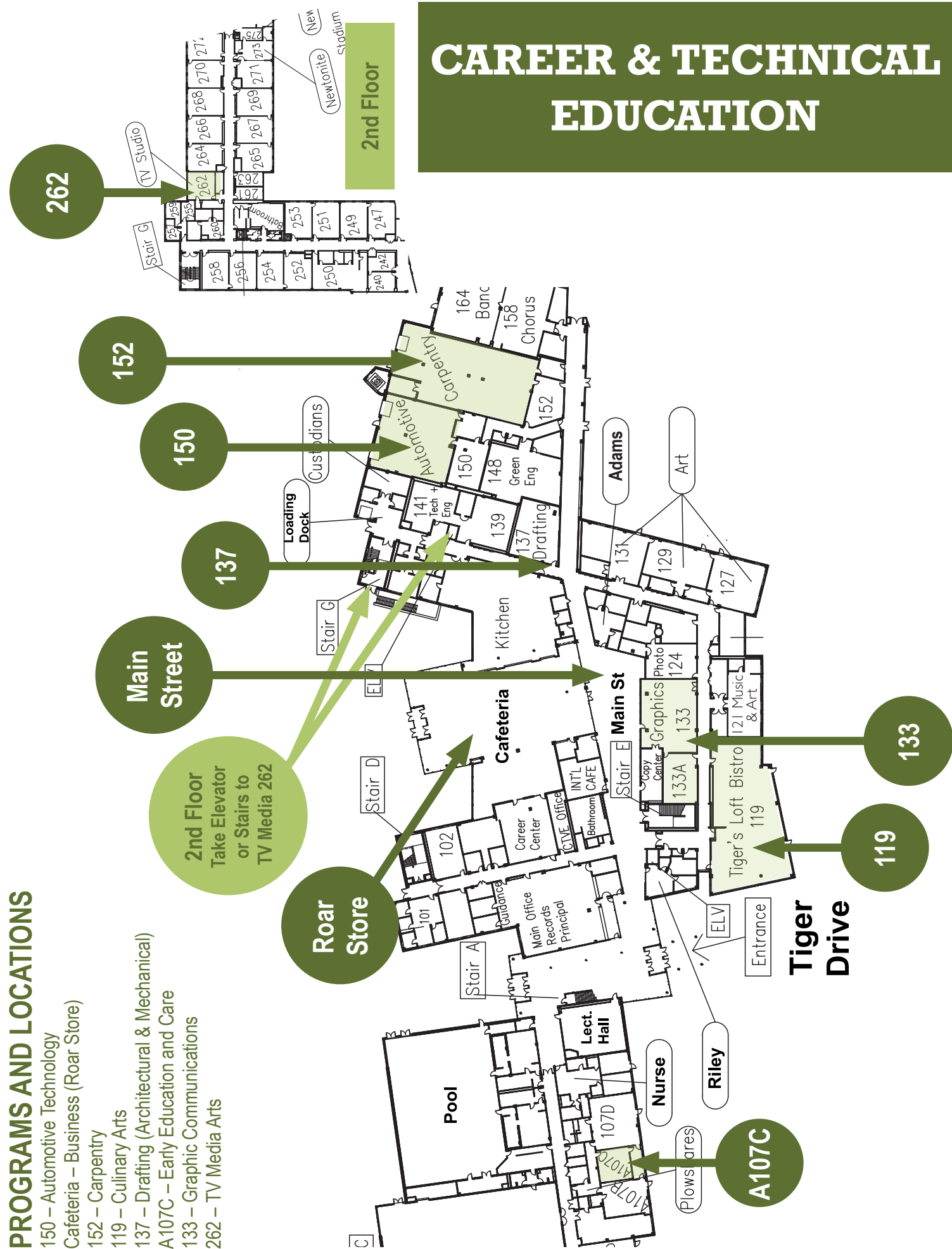


PROGRAMS AND LOCATIONS

150 – Automotive Technology
 Cafeteria – Business (Roar Store)
 152 – Carpentry
 119 – Culinary Arts
 137 – Drafting (Architectural & Mechanical)
 A107C – Early Education and Care
 133 – Graphic Communications
 262 – TV Media Arts



CAREER & TECHNICAL EDUCATION

NEWTON PUBLIC SCHOOLS CAREER & TECHNICAL EDUCATION OPEN HOUSE

Students currently enrolled in our CTE programs will engage you in interactive activities and demonstrations.

THURSDAY, FEBRUARY 13, 2025

5:00 PM - 7:00 PM

Newton North High School
 457 Walnut Street, Newtonville

Automotive Technology

Business

Carpentry

Culinary Arts

Drafting (Architectural & Mechanical)

Early Education and Care

Graphic Communications

TV Media Arts



CAREER & TECHNICAL EDUCATION PROGRAMS



Automotive Technology



Business



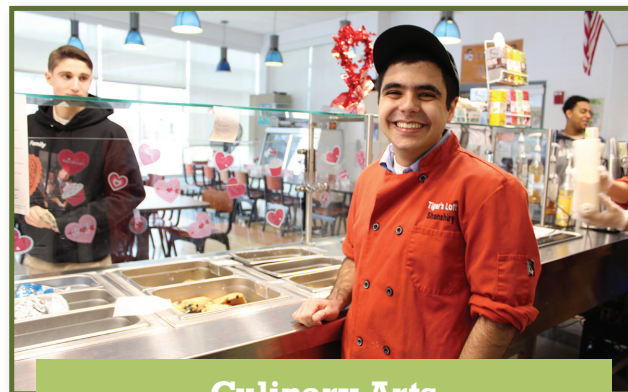
Drafting



Graphic Communications



Carpentry



Culinary Arts



Early Education & Care



TV Media Arts

GRADE NINE ELECTIVE OPTIONS

CAREER & TECHNICAL EDUCATION no level • 9-10 • SM • 3 blocks • 6 credits

880 EXPLORATORY AUTOMOTIVE TECHNOLOGY

Exploratory students acquire the fundamental knowledge and understanding of the basic automobile systems including the use of tools and equipment, and safe workplace practices. Students in the Automotive Technology Program learn by working on vehicles in our garage classroom using state of the art Mitchell 1 repair software, as well as related-theory instruction in the technical classroom using CDX interactive experimental curriculum.

887 EXPLORATORY CARPENTRY

Exploratory students will develop entry-level competency skills and an understanding of safe and proper methods as well as the safe use and handling of hand tools. Students will engage in all basic operations, including planning, layout, industry related math skills, measuring, cutting, installing, fastening, sanding, and finishing.

902 EXPLORATORY CULINARY ARTS

Exploratory students will develop and apply basic food service principles as well as kitchen safety and sanitation codes. With this fundamental knowledge and skills students will rotate through a variety of learning stations on a daily basis. Students will be introduced to the commercial food preparation of a bakery and a restaurant; making homemade pasta is a favorite student lesson. If you are interested in learning about the fine art of cooking and the operations of a restaurant the Tiger's Loft is the place to start! Students also learn to enjoy meeting people, building customer relations, solving daily challenges, have high energy and enjoy a fast paced work environment. For more detailed information see our Google site: <https://sites.google.com/newton.k12.ma.us/tigersloftbistro/home>

911 EXPLORATORY DRAFTING

Exploratory students learn to draft exciting 3-dimensional spaces and objects on the computer using two different industry standard software programs: Autodesk's Revit® and Inventor® programs. These drafting software programs allow students to see their creations in a realistic 3-dimensional shape, create walk through videos of buildings, assemble parts and even make them move! The course introduces the basic drafting principles of reading drawings, and creating spaces and objects. Many assignments allow students to apply their drafting skills to projects of their own design such as a house, a golf course, or even a cell phone case! If you like exploring how spaces or parts are designed and would like to try drawing them on the computer, then this is the class for you! Please check out our website for images of past projects: <https://sites.google.com/a/newton.k12.ma.us/nnhsdrafting/>

894 EXPLORATORY CHILD DEVELOPMENT

Exploratory students will study the intellectual, emotional, social, and physical domains of early child development. Students will identify components of development domains as related to play, discipline, reasoning and psychological theories. Class time will include observing and assisting in the preschool laboratory setting. Students will participate in periodic staff meetings where discussions regarding questions

and observations of the children will take place. Actual infant simulators will be used in conjunction with the study and analysis of general infant development. Professional articles will be used to further discuss topics of study, in addition to the textbook, *The Developing Child*, by Holly Brisbane.

932 EXPLORATORY GRAPHIC COMMUNICATIONS

Exploratory students will be introduced to a variety of graphic communications techniques. Students will design a personal crest, memo pads, poster, T-shirts, buttons, and note cards as well as class projects: Photoshop Morph and custom Illustration. Students will produce work on digital 4-color printers and learn how to screen print on T-shirts. All graphics will be created using the Adobe Creative Suite: InDesign, Photoshop, Illustrator, Acrobat software on Macintosh computers.

173 EXPLORATORY TV MEDIA ARTS

Exploratory students are given the opportunity to develop into creative professionals and media artists, working with images and sounds to entertain, inform, and persuade viewer, using state-of-the-art multimedia equipment. Students will learn the fundamental aspects of visual storytelling to create multiple original short films and news stories. Working in teams, they either report stories on camera or direct from behind the scenes to shoot, edit, and weave together short video segments. Projects will take students beyond the traditional classroom setting to new environments where they'll participate in authentic learning opportunities, capturing stories throughout the school.

BUSINESS no level • 9, 10 • Q • 3 credits

867 MONEY MATTERS: INTRO TO PERSONAL FINANCE

This course is designed to introduce students to financial literacy and related concepts. Students will learn important consumer skills such as financial goal setting, decision making, career choices and planning. Students will work to earn the FitMoney Financially Fit Certification at the completion of the course after studying paychecks & taxes, budgeting, credit cards, credit scores, loans, fraud, insurance, and compound interest. Professional speakers in the field of finance will visit throughout the quarter.

8571 INTRODUCTION TO BUSINESS

Intro to Business will explore the major functions performed by companies as they strive to achieve their goals, including but not limited to such topics as: global business strategy, marketing, finance, human resources, and product development. Along the way, current events in sports, entertainment, finance and all aspects of business will be discussed to further students' understanding. Emphasis is placed on oral and written communication skills, mathematical applications, problem solving, and critical thinking. Instructional strategies include computer/technology applications, real and/or simulated occupational experiences, and projects focused on real-world marketing applications. This is an introductory business course that provides the framework for pursuing additional business courses or for selecting the Business Seal Pathway.