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| **Middlesex County Magnet Schools**Piscataway Campus |
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# ***Finance and Banking***

In the fall of 2021, MCMS began a new program in Finance and Banking on our Piscataway campus. The program will prepare students for a variety of careers in financial services including investment, personal and commercial banking, brokerage, trading, insurance and investment management. The program will consist of a rigorous academic curriculum that engages students to learn sophisticated banking and business content. Students focus on how wealth is created, how investors evaluate risk and growth potential and details of banking.



The first year of this program is planned to focus on developing introductory-level financial accounting fundamentals, recording economic transactions, summarizing and presenting financial statements and analyzing accounting information.

The second year of the planned program will focus on the theory of national income determination, aggregate production, employment and prices, money and banking, business cycles and monetary and fiscal policy.

The third year of this program is planned to focus on the theory of price determination and resource allocation under various market structures. The theory of supply and demand, production, costs, factor and product pricing, income distribution, market failure, implications of government intervention in the market, and comparison of the free enterprise and alternative systems.

The fourth year of this program is planned to focus on the main features of financial markets and institutions in the U.S., including interest rates, rates of return and how they are determined. It will also cover securities traded on financial markets including bonds, stocks, and derivatives and how financial institutions such as commercial banks work, along with the role of government in regulating financial markets and institutions. Valuation of assets based on the timing and risk of their cash flows.

Students will participate in a required Capstone project in a chosen financial pathway, spend 12-15 days in a local mentorship and report on their experience. Pathways may include Securities and Investments, Business Finance, Banking Services, Insurance, Business Information, Human Resources or Operations Management.



The program will be aligned for college credit with NJIT and/or Rutgers University Macroeconomics and Microeconomics courses. MCMS will continue to seek additional articulation credit with NJIT, RU, Middlesex College courses. There may also be a viable option that can be utilized to pay the tuition costs of the postsecondary credits for students in this program. Students that complete this program may be eligible for 6 - 9 college credits. Students will also have opportunities for field trips to the RU School of Business, which is across the street from our MCMS Piscataway campus.