High School Elective Catalog
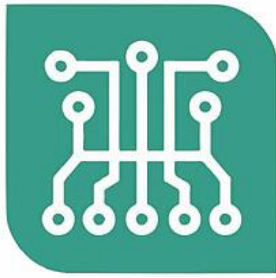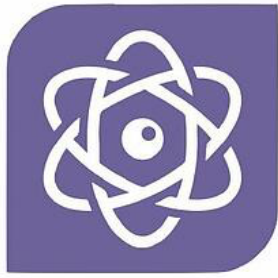# 9th to 12th Grade

B•E•S•T ACADEMY

Brookfield Engineering Science & Technology Charter School

College & Career Pathways | Personalized Guidance Support

2024-2025 Academic Year

HIGH SCHOOL ELECTIVES

ARTS
- Art Appreciation
- Art History
- Music Appreciation
- Theater Studies
- Guitar
- Basic Drawing

ENGLISH
- Creative Writing A & B

History
- Civics
- Sociology
- World Geography A & B

HEALTH
- Health A & B
- Individual & Team Sports
- Medicine
- Personal Fitness

SCIENCE
- Anatomy & Physiology A & B
- Marine Science
- Renewable Energy
- Space Exploration

MATH
- Math Essentials
- Financial Literacy

CAREER ELECTIVES

Architecture and Construction
- Architectural Design *
  - Autodesk Certified User (ACU) in AutoCAD
- Architectural Design II
- Architectural Design III
- Building Maintenance Technology I
- Building Maintenance Technology II *
  - OSHA 30 Hour Construction
- Construction: Fundamentals and Careers
- LEED Green Associate *
  - LEED Green Certified Associate

Agriculture, Food & Natural Resources
- Agriscience I
- Agriscience II
- Agriscience III

Business Management & Administration
- Entrepreneurship & Small Business *
- Microsoft Excel *
- Microsoft PowerPoint *
- Microsoft Word *
- Social Media Business Marketing *
- Startups and Innovation

Finance:
- Career Exploration in Finance
- Fundamentals of Bitcoin & Cryptocurrency
- Intuit Personal Finance
- Personal Finance
- QuickBooks

Education & Training
- Early Childhood Education I
- Early Childhood Education II *
  - Child Development Associate (CDC)
- Education and Teaching Advanced
- Teaching as a Profession

Health Science
- Career Exploration in Dentistry
- Career Exploration in Healthcare
- Healthcare Management and Information Systems

Information Technology
- Cybersecurity
- Fundamentals to Blockchain & Cryptography

- Introduction to Artificial Intelligence
- Java SE 8 Associate
  - Oracle Certified Associate (OCA)
- Networking *
- Swift App Development

- Augmented and Virtual Reality Application
- Cloud Technologies & the Internet of Things
- Introduction of Artificial Intelligence
- Smart Cities: Technology & Applications
- Transportation Technologies
- Wearable Technology Innovations

Marketing
- Meta Social Media
- Social Media Business Marketing

STEM:
- Aeronautics and Space Travel

Additional CTE Electives
- Drones: Remote Pilot
  - FAA Part 107 Remote Pilot Certificate
- The History of Gaming and Esports

- Project Management
  - PMI Project Management Ready Certification

* Certification Course