

Syosset Central School District Mission

To prepare students to thrive in both the future we imagine and one which may evolve in ways yet to be envisioned.



Heuristic Skills

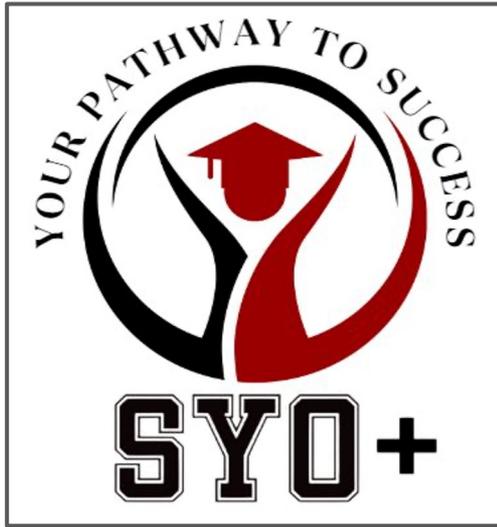
Creativity	Innovation
Ingenuity	Empathy
Persistence	Cultural
Originality	competence



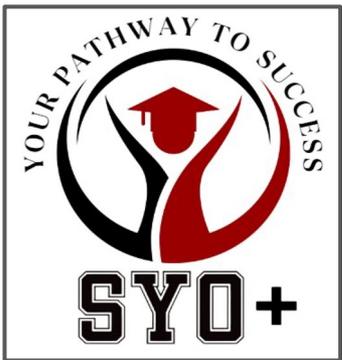
Syosset Students as Thriving Citizens



The **SYO+ Pathways Program** offers every student the chance to:



- Engage in *cross-cutting academic pathways*
- Explore their career interests
- Develop their heuristic skills
- Control their education
- Shape their future.



The **SYO+ Pathways Program** is grounded in NYSED's Career and Technical Education (CTE) framework which provides academic and technical instruction in the following content areas:

Agriculture

Business and Marketing

Family and Consumer sciences

Health Sciences

Trade and Technical education

Technology Education

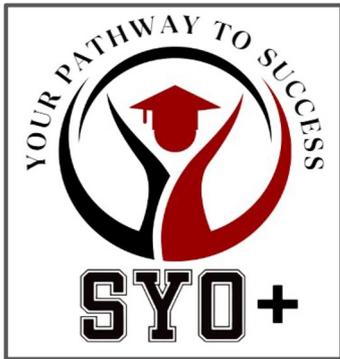




Pathway Creation

16 Career Clusters

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, A/V and Communications
- **Business, Management, and Administration**
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections, and Security
- Manufacturing
- Marketing, Sales, and Service
- **Science, Technology, Engineering, and Mathematics**
- Transportation, Distribution and Logistics



Pathway Requirements

3.5 credits in CTE approved courses

+

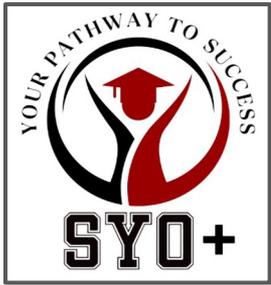
3-part technical assessment

Industry standard written exam

Industry standard demonstration

Locally developed project/performance-based project





Pathway Completion

NYSED Technical Endorsement(+)

A seal to be affixed to the diploma upon completion of each pathway



Microcredentials(+)

Skills attained that are needed for recruitment, screening, hiring, retention and advancement.

Informed by the Syosset Business Advisory Board
&
Local Industry Leaders



Potential Microcredentials

- Certified Compensation Professional (CCP)
- SPHR Certified (Human Resources)
- Google Certification
- Project management PMO
- CompSci (Python, Java, HTML, C++)
- Bloomberg Certification
- Child Certification/Child Psych
- Manufacturing automation
- CNC
- Behavior Technician
- Cognitive Science
- Sign Language Certification
- Translator
- Organizational ethics (sports)
- Reading financial documents
- International business (global transaction)
- Public Speaking
- Lexis-Nexis
- WestLaw
- SQR
- Data Analytics
- Cyber security
- CRM ~ sales force
- AI
- Digital analytics
- Social Media/Digital Marketing
- Hospitality/Tourism
- Healthcare ~ Wellness, corporate wellness, pharma
- Google Analytics
- Amazon - Cloud Services
- Certified in Photoshop/ Adobe Acrobat
- Certified in Drones





Syosset Thrives

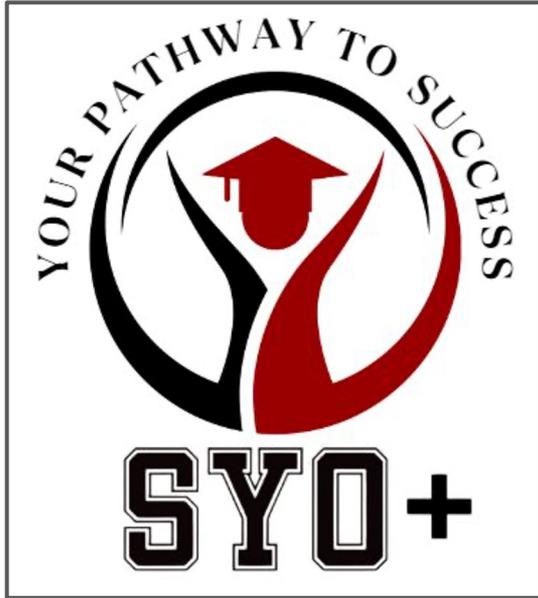
**NYSED Technical
Endorsement
(seal) on the
diploma (+)**

+

microcredentials(+)

→

- **Stronger voice/candidacy in the college application process**
- **Increased employment/internship opportunities**
- **Improved sense of self and belonging**
- **Success in the future**



2024-2025 Pathways

Accounting & Finance

Business Management

Pre-Engineering



Accounting & Finance Pathway



- Personal Finance (.5 credit)
- Business Communications or Investment Decision Making (.5 credit)
- Accounting 1 or College Accounting (1 credit)
- College Corporate Finance (1 credit)
- College Virtual Enterprise (1 credit)

Microcredential: MS Excel Certification



Business Management Pathway



- Personal Finance (.5 credit)
- College Marketing & Management (1 credit)
- Accounting 1 or College Accounting (1 credit)
- College Virtual Enterprise (1 credit)
- Choice (.5 credits)
 - Hospitality & Tourism/ Sports Marketing/Fashion Marketing/ Entrepreneurship

Microcredential: Intuit Design Thinking Certification



Pre-Engineering Pathway



- Personal Finance (.5 credit)
- Design & Drawing for Production (1 credit)
- College Engineering (1 credit)
- College Nanotechnology (1 credit)

Microcredentials:

- Google Skills Certification
- VectorWorks Core Associate Certification





Next Steps

2024 - 2025 Potential Endorsements

Pre-Engineering = 169

Business Management = 94

Accounting & Finance = 40

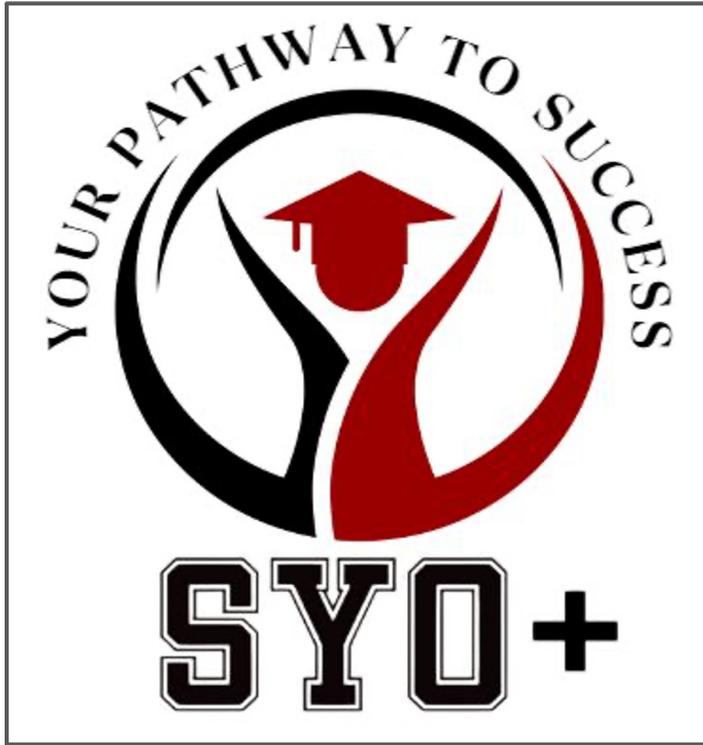
Total # of Students in a SYO + Pathway = 1946

2025-2026 and Beyond

Create more SYO+ Pathways!

Education
Health Services
Arts





**Students succeeding in both
the future we can imagine
and the one yet envisioned**