

Spectrum Innovates Pathway Program

Engaging Strengths Through Passion



Transition
for Autistic
Youth:

Single
Greatest
Challenge
Facing the
Autistic
Community

Aging out of School System

Over the next decade, nearly 1,000,000 autistic individuals will age out of the school system. (CDC)

85% Unemployment Rate

The combined unemployment and underemployment rate for adults with autism is estimated at 85% nationwide (Roux at al., 2017).

Few Transition Programs

There are not enough transition programs to meet current needs.



SIPP Students Meet The Needs of Tomorrow's Economy



Flexible

The World Economic Forum predicts significant disruption in the jobs landscape over the next four years



Highly Skilled

Nearly all jobs will change into "superjobs," an emerging job category that will require high levels of human skills



Cross-Disciplinary

Problem-solving, coding, critical thinking, knowledge of computers, communication, interpretation, and design

SIPP Education Goals & Program Tenets



Immersion in process
and tools of innovation



Acquisition of Advanced
Technological skills



Leadership & Advocacy



Social-Emotional Support
and Development



Life Skills Training and
Practice

A New Model

Project-based, experiential learning model

- Immersive maker environment
- Integrated Social-Emotional Learning in maker, campus and academic settings
- Special Areas of Interest (SAI) or Passion-based cohorts
- Orient to strengths, not deficits
- Program responsive to individual profile
- Competency-based evaluation & badging system
- Research based design and results
- Model is replicable and adaptable to other academic areas



Innovation Hub

Project-Based Learning



Innovation Hub and Social- Emotional Learning Integration



Experiential Learning Challenges



Design process

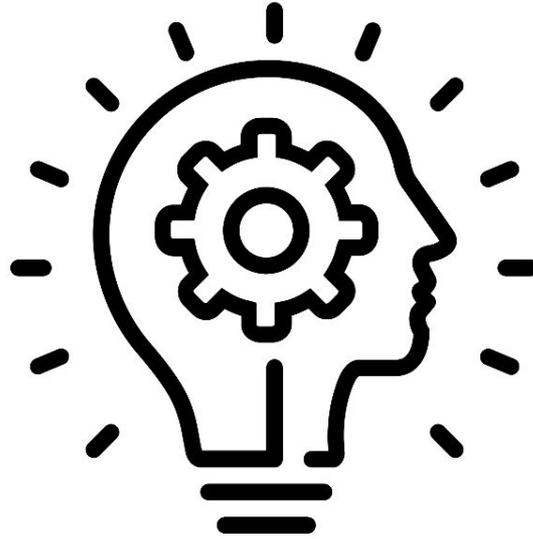


SEL skills emerge in Innovation Hub



Feedback loop

Integrated Social-Emotional Learning



SEL Skills

Role play
Innovation Hub challenges
Classroom

Journaling

Reflections
Strategies & worksheets
Apply outside of SIPP

CASEL & AET

Self-awareness
Self-regulation
Communication
Emotional understanding
Sensory processing

Feedback Loop

Instructor
Peer
Self-monitors own learning

Social-Emotional Learning Frameworks

Collaborative for Academic,
Social, and Emotional Learning
(CASEL, 2020):

Self Awareness

Self Management

Social Awareness

Relationship Skills

Responsible Decision-
Making

Autism Education Trust (AET, 2019):

Communication and Interaction

Social Understanding and Relationships

Sensory Processing

Interests, Routines, and Processing

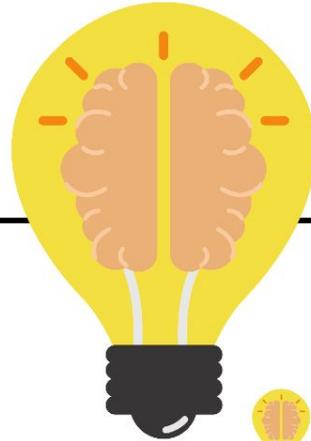
Learning & Engagement

Emotional Understanding & Self-Awareness

Healthy Living

Independence & Community Participation

Social Emotional Learning in Action



SEL lectures & Skills

Role play
Innovation Hub challenges
Classroom



SEL journal

Reflections
Strategies & worksheets
Student self-monitors own learning



Apply to lives outside of SIPP



Feedback

Transforming the education of autistics:

COMPETENCY BASED ASSESSMENT



Project based learning



Transparency



Students participate in setting goals



Feedback loop



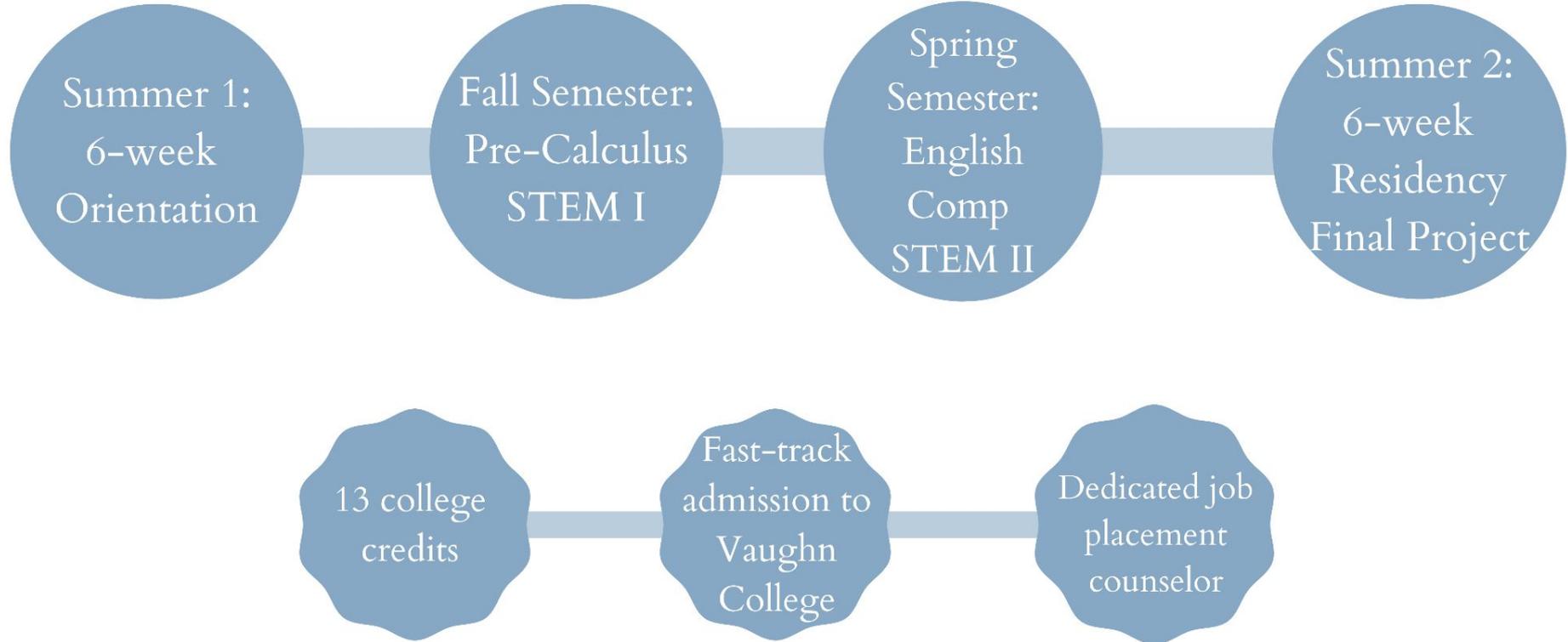
Benchmarks for goal achievement and badges



Variety of evaluation tools

TIMEFRAME & STRUCTURE

12 months
Begins July 2022



More Information

Principal Investigator: Eleanore Bednarsh
ebednarsh@spectruminnovates.org



Vaughn College
of aeronautics and technology



www.spectruminnovates.org/sipp



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Spectrum Innovates
Spectrum Innovates Program
Spectrum Innovates Pathway Program
Spectrum Innovates Pathway Program at Vaughn College

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