

**St. Lawrence-Lewis BOCES
Board of Education Review
June 6, 2024**

Program Re-Approval 2023-2024

A. Program Information

NYSED approval of two CTE programs: **Criminal Justice and Software Development and Business Design** will expire on June 30, 2024.

Program of Study	Credits Approved	Yr. Approved Re-approved	Program Review	Anticipated Approval/Re-approval Date
Criminal Justice CIP #43.0104 Non-Trad - Female	1 Unit Integrated Math 1 Unit Integrated Science 1 Unit Integrated English	2018-2019	4/23/2024	8/2024
Software Development & Business Design CIP #46.9999 Non-Trad - Female	1 Unit Integrated Math 1 Unit Integrated Science 1 Unit Integrated English	2018-2019	4/23/2024	8/2024

Approval by New York State Education Department allows students to receive Technical Endorsement. They must be re-approved by NYSED in order to be offered to our students as approved programs in September 2024.

- Criminal Justice is offered at all the CTE Centers.
- Software Development and Business Design is offered at Seaway Tech Center.

B. Achievements

Program Achievements Since 2018-2019 (Does not include 2023-2024 school year statistics)				
CTE Program of Study	Students Completing	Students Completing with Special Education Services or 504 plans	Students Receiving Technical Endorsement	Percentage of Students Receiving Technical Endorsement
Criminal Justice	205	29	191	93%
SD/BD	44	9	38	86%

C. Program Content

Curricular changes have been communicated to the component districts through:

- Superintendents CTE Sub Committee
- Secondary Principal Meetings hosted in districts throughout the BOCES
- Guidance Counselor Meetings
- Math, Science, and ELA teachers from the component districts received online access via Rubicon Atlas to review curriculum materials and course outlines.
- Math, Science and ELA Integration Support Document Review Meetings included certified ELA, Math and Science teachers from component districts
 - Science - Matt Shaver, OFA and Heidi Mauk, NNCS
 - Math – Donna McGinnis CPCS, Jason Gallant NNCS, and William Vine, Lisbon
 - ELA - Trudy Caswell-Ryan, Madrid Waddington and Natalie Lucas, NNCS

D. Work-Based Learning

All students completing the programs have participated in a minimum of 54 hours of work-based learning. Work-Based Learning hours and locations are documented in School Tool.

- Criminal Justice students completed their co-op experience at local court houses, Sheriff's offices, Border Patrol, Local Police departments, area rescue squads, Public Health, Department of Social Services. Land Navigation courses provided by FORT DRUM and held at SUNY Potsdam. Industry based projects included taking turns as Desk Sargent for a week, keeping track of all comings and goings within the classroom. They are also all trained to be security guards, making sweeps of the building, then observing for any signs of suspicious behavior, and ensure that all areas are secure. Community services opportunities included participating in Adopt-A-Highway, Creating Christmas cards for local senior citizens, directing traffic for the Day on the Farm event, Fingerprinting for local elementary students,

parking management/security for many school functions. Provide both Bike Safety and Halloween Safety PSAs to local children.

- SDBD offers a variety of WBL opportunities, however the majority of students work on unique projects within the classroom due to lack of brick and mortar employers and businesses locally tied to this industry. The industry has a larger than average growth projection, however the creativity to find WBL experiences with employers is required. Students participate in events such as hack a thon, website creation, coding challenges and SUNY Canton in class experiences with professors and college students that extend their learning and support career exploration beyond the traditional WBL and instruction.

E. Employability Profile

- The 21st century skills that refer to a broad set of knowledge, skills, work habits and character traits that are critically important to success in collegiate programs, contemporary careers and workplaces.
 - Communication Skills
 - Collaboration
 - Creativity & Innovation
 - Health & Safety
 - Problem Solving & Critical Thinking
 - Personal Management Skills
 - Interpersonal Skills
 - Conflict Resolution
 - Technology Skills
- Course Competencies that are specific to each program of study and are updated annually.

F. Technical Assessment (three parts)

- **Written and Practical:**
 - **Criminal Justice** - National Occupational Competency Testing Institute (NOCTI): NOCTI # 4281 Criminal Justice
 - **SDBD** – NOCTI # 4750 Web Design or pass Industry Exam Python Programming
- **Senior Project** – Designed by instructors with students and assessed by instructors with a rubric- CJ is a criminal mind serial killer research project and presentation. SDBD is an authentic coding or industry project presented to teacher, approved and then presented to peers.

G. Articulated Credit and Dual Enrollment Agreements:

Students benefit with college credit and advanced standing at post-secondary institutions:

- **Criminal Justice**
 - Bryant and Stratton College
 - SUNY Canton
 - Fulton Montgomery Community College
 - North Country Community College
- **SD/BD**
 - Bryant and Stratton College
 - SUNY Canton

H. Faculty and External Review Committee

- Mid and End of the Year Evaluation Meetings
- Program Indicators
- Self-study Meetings conducted
- Advisory Committee Meetings
- External Review Meeting April 23, 2023

I. Teacher Certification

Staff are highly qualified and hold NYS teacher certification in the academic content area(s) for which academic credit is being offered.

J. External Review Recommendations Summary

Based on review of self-study, curriculum review, presentations made by review committee recommended the following which are currently all in consideration and action/planning phases:

Criminal Justice:

EQUITY: Uniforms at all centers, made financially accessible to ease barriers to obtaining and wearing. Strong number of females non trads was a point of pride to be celebrated.

MATERIALS/RESOURCES: An available vehicle to simulate traffic stops and roadside events, preparing for many parts of policing and interacting with community at large.

Drone and drone technologies added into experiences – either as guest speakers to introduce career pathways or as certification for students. Use of simulations from law enforcement agencies as guest presentations and/or field trips to include radar, license plate reader, use of force, DUI, etc.

CURRICULUM: Enhance law enforcement career exploration to include opportunities researching and exploring emerging technology in law enforcement careers.

WBL: Continue asking for ride along and 1:1 experience throughout county.

MATH/SCIENCE/ELA: No recommendations – supported the depth of all three areas that were observable in curriculum and evident during walk through and presentations.

SDBD:

NAME OF COURSE: to Computer and Information Science

ENROLLMENT: Change to Computer and Information Science to align to world of work, college pathways and career pathways. This does not change CIP code.

MATERIALS/RESOURCES: Drones for coding and partnerships with other programs. Continue to update MacBook's and ensure PYTHON possibilities.

CURRICULUM: Increase curricular focus on ethics, analytics, additional technologies which require coding (drones specifically)

WBL: Increase partnerships with SUNY Canton for direct admittance and seats in their current courses. Be creative with online experiences for World of Work supports via online industries and business. Connect with chambers of commerce to stay apprised of new and emerging local businesses that may or may not be brick and mortar store fronts.

MATH/SCIENCE/ELA: No recommendations for math and science – supported the depth of all three areas that were observable in curriculum and evident during walk through and presentations. ELA integration of debates, ethics and summarization of learning is suggested.

Request for Board Approval

Programs requesting St. Lawrence-Lewis BOCES BOE approval for 2023-2024.

- Criminal Justice (Seaway, Northwest and Southwest)
- Software Development and Business Design (**WITH NAME CHANGE TO COMPUTER AND INFORMATION SCIENCES**) (Seaway)

Programs scheduled for approval / re-approval 2024-2025:

- Health Careers (NWT and Seaway)