

**St. Lawrence-Lewis BOCES
Board of Education Presentation
Northwest CTE Center
June 5, 2014 – 4:00 p.m.**

Program Re-Approval 2013-2014

A. Program Information

NYSED approval of two CTE programs; **Computer and Business Technology, and Criminal Justice** will expire on June 30, 2014.

Program of Study	Credits Approved	Yr. Approved Re-approved	Program Review	Re-approval Date
Computer and Business Technology CIP #11.0101 Non-trad -Female	1 Unit Specialized Math 1 Unit Specialized Science	2009-2010	3/18/2014	9/2014
Criminal Justice CIP #43.0104 Non-trad - Female	1 Unit Integrated Math 1 Unit Integrated Science	2009-2010	3/18/2014	9/2014

They must be re-approved by NYSED this spring in order to be offered to our students as approved programs in September 2014. Approval by New York State Education Department allows students to receive Technical Endorsement.

Computer and Business Technology is offered at Seaway and Southwest.
Criminal Justice is offered at Northwest, Seaway and Southwest.

B. Achievements

Program Achievements Since 2009-2010 (Does not include 2013-2014 school year statistics)				
CTE Program of Study	Students Completing since 2009-2010	Students Completing with Special Education Services	Students receiving Technical Endorsement	Percentage of students receiving Technical Endorsement
Computer and Business Technology (SWT, SATC)	68	20	38	56%
Criminal Justice (NWT, SATC, SWT)	164	28	149	91%

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 and Science teachers from the component districts received curriculum materials in advance of the external review meeting held at Seaway CTE Center on March 18, 2014. The teachers attended the External Review meeting, spoke with students, and concluded their day with a meeting with the CTE Math and Science Consultant teachers.
- Math and Science Integration Support Document Review Meetings included certified Science and Math teachers from component districts; Madrid-Waddington, Edwards-Knox, Massena, and Ogdensburg City School Districts.

D. Work-Based Learning

All students completing the programs since approval have participated in work-based learning.

- On-Site projects
- Career Exploration Internship Program (CEIP)

E. Employability Profile

- Employability Skills are the generic work based learning skills, attitudes, and behaviors that employers look for in new employees:
 - Academic Skills
 - Thinking Skills
 - Personal Management Skills
 - Resource Management Skills
 - Interpersonal Skills
 - Technology Skills
- Course Competencies are specific to each program of study and have been updated along with the curriculum.

F. Technical Assessment (three parts)

- **Written and Practical** National Occupational Competency Testing Institute (NOCTI):
 - Computer and Business Technology:
 - #2750 – Web Design
 - Criminal Justice:
 - #3081 - Criminal Justice
- **Senior Project** – Designed by instructors with students and assessed by instructors through the use of a rubric

G. Articulated Credit and Dual Enrollment Agreements:

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

- **Computer and Business Technology**
 - SUNY Canton College of Technology
 - The Art Institute of Pittsburgh
 - Bryant and Stratton
 - Fulton-Montgomery Community College
 - SUNY Cobleskill
 - North Country Community College
 - Utica College – working with
 - Utica School of Commerce - updating

- **Criminal Justice**
 - SUNY Canton College of Technology
 - Herkimer County Community College
 - Mohawk Valley Community College – working with
 - SUNY Jefferson – working with
 - Fulton Montgomery Community College - updating
 - Hilbert College
 - Bryant and Stratton
 - North Country Community College

H. Faculty and External Review Committee

- Mid and End of the Year Evaluation Meetings
- Program Indicators
- Self-study meetings conducted
- Advisory Committee Meetings for all programs
- External Review Meeting – March 18, 2014

I. Teacher Certification

Staffs are highly qualified according to NCLB standards in the subject(s) for which academic credit is being requested

J. Staff Development (2011-2014)

- Effective Teaching
- Common Core State Standards Training (TCTW)
- Assessment Training (TCTW)
- Technology In-Service (Peer Presented-ongoing)
- Standards Shifts (Peer Presented-ongoing)
- Regional Visitations/Networking – program specific
- Enhanced CT

Request for Board Approval

Programs requesting St. Lawrence-Lewis BOCES BOE approval for 2013 - 2014.

- Computer and Business Technology (SATC, SWT)
 - Requested Name Change to **Software Development and Business Design**
- Criminal Justice (NWT, SATC, SWT)

Programs scheduled for approval / re-approval 2014-2015:

- Electronics (NWT)
 - Advanced Careers: Innovations in Science and Technology
 - Year 1: Course 1: The Nature of Science and Technology
 - Year 1: Course 2: Core applications of Science and Technology
 - Year 2: Course 3: Impacts of Science and Technology
 - Year 2: Course 4: Creativity and Innovations
- Health Careers (NWT, SATC, SWT)
 - Focus on more advanced credentialing for students with possibility of Certified Nurse Assisting and EKG and/or Medical Assisting
- Pharmacy Technician
 - Curriculum is developed and will be updated to integrate SED Health Core curriculum
- Environmental Technology
 - Heavy Equipment (SWT) to follow National Center for Construction Education and Research (NCCER) curriculum
 - Natural Resource Management
 - Year 1: Forestry/Land Management
 - Year 2: Agricultural Science/Natural Resources