

**St. Lawrence-Lewis BOCES  
Board of Education Presentation  
Northwest CTE Center  
June 4, 2015 – 4:00 p.m.**

**Program Re-Approval 2014-2015**

**A. Program Information**

NYSED approval of two CTE programs; **Electronics and Health Careers** will expire on June 30, 2015.

Program of Study	Credits Approved	Yr. Approved Re-approved	Program Review	Re-approval Date
Electronics (Innovations in Science and Technology) CIP #47.0101 Non-trad -Female	1 Unit Integrated Math 1 Unit Integrated Science	2010-2011	3/17/2015	9/2015
Health Careers CIP #51.1614 Non-trad - Male	1 Unit Specialized Math 1 Unit Integrated Science	2010-2011	3/17/2015	9/2015

Approval by New York State Education Department allows students to receive Technical Endorsement. They must be re-approved by NYSED this spring in order to be offered to our students as approved programs in September 2015.

Electronics is offered at Northwest CTE Center.

Health Careers is offered at Northwest, and Seaway. Additionally, we will be adding the SWT location to the application as per conversation with SED, which will enable the new SWT program to offer students technical endorsement.

**B. Achievements**

<b>Program Achievements Since 2010-2011 (Does not include 2014-2015 school year statistics)</b>				
CTE Program of Study	Students Completing since 2010-2011	Students Completing with Special Education Services	Students receiving Technical Endorsement	Percentage of students receiving Technical Endorsement
Electronics (NWT)	37	9	11	30%
Health Careers (NWT, SATC)	103	18	65	63%

## **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 Northwest CTE Center on March 17, 2015. 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, and were provided the opportunity to visit the Electronics classroom and participate in reviewing student presentations.
- Math and Science Integration Support Document Review Meetings included certified Science and Math teachers from component districts; Ogdensburg City School, Hammond, and Massena Central Schools.

## **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:**
  - Health Careers - National Occupational Competency Testing Institute (NOCTI): #4058 – Nurse Assisting
  - Electronics - National Instruments (CLAD): Certified LabVIEW Associate Developer

- **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:

- **Health Careers**
  - SUNY Canton
  - North Country Community College
  - Fulton Montgomery Community College
- **Innovations in Science and Technology**
  - SUNY Canton College of Technology (in progress)

#### **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 17, 2015

#### **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 (2012-2015)**

- Comprehensive Behavior Management with Dr. Thomas Glanton of the Education Company. This will continue in October 2015 and on-site coaching for 2015-16
- Understanding and Dealing with Challenging Students
- 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 2014-2015.**

- Health Careers (SATC, NWT)
  - Will add a Home Health Aide certification in Year 2 and a partnership with United Helpers
  - Will add one year Certified Nurse Assistant at SWT through this re-approval
  
- Electronics (NWT)
  - Program change to 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
  - Name change to Innovations in Science and Technology
  - Certification for students through National Instruments (Certified LabVIEW Associate Developer)

### **Programs scheduled for approval / re-approval 2015-2016:**

- Early Childhood Education (SATC, SWT)
- Cosmetology (NWT, SATC, SWT)
- 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