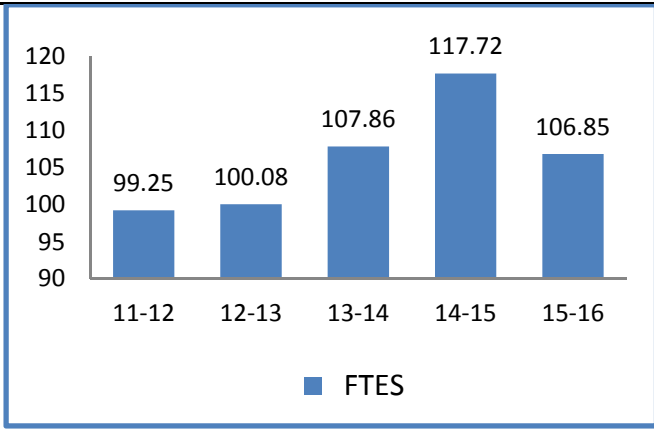
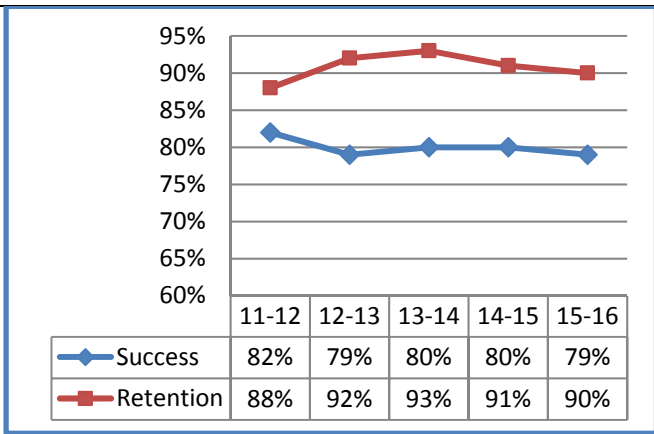


## ELECTRICITY/ELECTRONICS — 2015-2016



	10-11	11-12	12-13	13-14	14-15	15-16
Duplicated Enrollment	755	738	752	789	847	768
FTEF	7.57	6.96	7.10	8.20	10.46	11.28
WSCH per FTEF	402	427	423	395	338	284



	10-11	11-12	12-13	13-14	14-15	15-16
Sections	32	29	30	34	42	45
% of online enrollment	0%	0%	0%	0%	0%	0%
Degrees awarded*	11	13	4	10	13	
Certificates awarded*	30	18	23	19	28	

Award Source:  
[http://datamart.cccco.edu/Outcomes/Program\\_Awards.aspx](http://datamart.cccco.edu/Outcomes/Program_Awards.aspx)  
 TOP Code: 0934XX  
 \*Data will be available in October 2016

**Description:**

The Department provides a comprehensive educational program that prepares and enables students to obtain entry level positions as General Electricians or Electronic Technicians in a variety of fields such as Electronics Technology, Computer Technology, Electronic Communications, Industrial Electronics, as well as Electrical Power Technology. The Core courses common to Electrical and Electronic fundamentals are articulated with the 4- year universities related to their Bachelor of Science degree in Engineering and/or Engineering Technology.

**Assessment:**

1. Enrollment and Retention rates have shown a decline that is comparable to the 2013-2014 level. This is possibly attributed to the improvement in the economy and our potential students have obtained employment instead of enrolling in our program.
2. Success rate remains relatively strong although slightly lower than previous year. But FTEF has significantly increased and will reflect better retention in the future.
3. WSCH continued to drop due to the reduced overall class size in some sections of lectures and labs. This is in order to deliver superior quality hands-on training and to increase student success rates. This policy was started 3 years ago and has shown noticeable improvements in our student success and completion rates.

**Department Goals:**

1. To increase enrollment and counter the improved economy effects of students pursuing employment instead of career paths and enrolling in schools.
2. To improve student success and retention rates.
3. Continue to refine and update curriculum to introduce the most up to date technologies found in the industry.
4. To obtain qualified faculty working in the most current industry technologies to teach the updated curriculum materials.
5. Create new industry partnerships to enhance internship opportunities for our students.

**Challenges & Opportunities:**

1. Hard to find qualifying part time faculty to teach during daytime especially in good economic times.
2. Classroom and Lab spaces are being used to capacity. Space remains a premium and to increase class sections or sizes remain a challenge.
3. During low-unemployment economy periods, students focus and priorities are not on careers but remains to be on employment.
4. Strengthen industry/employer partnerships to explore internships/work experience opportunities for students.

The program will continue to seek external grant funding including participation in the \$200M Strong Workforce Program in order to grow and meet the needs of our program needs to prepare our students for jobs in the electricity/electronic or related fields.

## ELECTRICITY/ELECTRONICS — 2015-2016

### Action Plan

1. We will increase our marketing and outreach efforts to promote our programs in collaboration with the SBVC Marketing and Outreach Department.
2. We will actively participate in on and off-campus events to raise awareness of our programs in order to increase enrollment
3. We will use Student Equity Funds to provide tutoring as well as conduct review workshops to increase our student success and retention rates.
4. We will continue to update our curriculum that will contain the most up to date technologies found in the industry.
5. We will increase our qualified Adjunct Instructor pool who has the knowledge and industry experience to teach the updated curriculum materials.
6. We will continue to acquire the needed updated lab equipment and tools to support the updated Curriculum and align with the industry/employers' need
7. We will actively prospect grant opportunities to benefit our programs including participation in the \$200M Strong Workforce Program.