

**Industry-Based Credentials (IBC): Choosing the Highest Level Attained for the Career Endorsement in STS**

**NOTES:**

**Codes 018, 131 and 447 are now retroactive advanced credentials.**

\* Color-coding of Information Technology (IT) certs (CIW) indicates grouping by specialty IT-area. The attainment of all the color-coded Basic certs in the group lead to the advanced in the group.

\*\* Louisiana Community and Technical College System (LCTCS) Credentials are denoted as the following: Associates (Associate Degree); Technical Diploma (TD); Certificate of Technical Studies (CTS); Technical Competency Area (TCA)

\*\*\* Graduation Endorsements that identify the highest level of IBC/Credential attained should be added to the records of graduates in the Student Transcript System (STS).

STS CTE Endorsement Codes: **J1** -Statewide Basic; **J2** – Regional (1 Core + 2 Complementary); **J3** - Statewide Advanced; **J4** -Alternate Credential (Act 833 Only);

(Safety\*) Complementary Credential: Students may **apply two** Safety Complementary Credentials towards their Jump Start graduation requirements.

Please see the Jump Start Policy Regarding Credentials (on the All Things Jump Start website) for additional details.

Jump Start policy is flexible in recognizing all legitimate First Aid programs. Currently-approved First Aid for Student Certifications include American Red Cross, American Heart Association and the National Safety Council. If a district or charter school wants to use a different First Aid certification, they must provide Jump Start with evidence that their intended First Aid certification includes all required components as well as a practical certification. Successful completion of First Aid certification requirements in Regional and Integrated pathways may include First Aid only, or may include a more comprehensive combination of First Aid, CPR and/or AED.

\*\*\*\*\* All Historical BESE approved IBCs have either expired or have reverted to a Regional Core, Regional Complementary, Statewide Basic or Statewide Advanced as noted in Matrix.

According to Bulletin 111, Associates Degree is worth 160 Accountaility Points.

IBC Code	Industry-Based Credentials (IBC)	Type of Certification					Implementation Year					Expiration Year		NOTES	Historical status for BESE Approved IBC Certifications - Expired		
		100 Points		110 Points	150 Points	160 Points	Prior to 2014-15	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	End of 2017 - 2018 School Year			End of 2018-2019 School Year	
		Regional : Core	Regional : Complementary (Add-on to Core)	Statewide Basic	Statewide Advanced	Associate Degrees											
002	<del>American Culinary Federation-Secondary Certification</del>						X			X							X
003	ADDA Certified Mechanical Apprentice Drafter			X			X										

STS-Code Matrix for 2018 - 2019 - (version 19)

004	AWS Certified Welder Level 1			X			X								
007	AVID Media Composer				X		X								
<del>008</del>	<del>Canine Care and Training</del>						<del>X</del>						<del>X</del>		X
009	CIW Foundations Associate				X		X								
010	Certified Nursing Aide (CNA)			X			X								
011	<del>Certified Nursery &amp; Landscape Professional</del>	<del>X</del>					<del>X</del>								Effective immediately, per Certifying Agency, this is not an eligible credential.
012	Child Development Associate (CDA)	X					X								X
<del>013</del>	<del>Cisco Certified Network Associate</del>						<del>X</del>							<del>X</del>	X
014	CompTIA A+			X			X								
<del>015</del>	<del>Cosmetology</del>						<del>X</del>							<del>X</del>	X
016	Customer Service and Sales	X	X				X								X
<del>017</del>	<del>Dental Radiology</del>						<del>X</del>							<del>X</del>	X
018	Emergency Medical Technician (EMT)				X		X								
019	<del>Equine Care and Training</del>						<del>X</del>							<del>X</del>	X
020	Emergency Medical Responder			X			X								X
021	Four Stroke Engine Technician			X			X								
022	<del>(Landscape Horticulturist—formerly Landscape Horticulturist-License)</del>	<del>X</del>					<del>X</del>								Effective immediately, per Certifying Agency, this is not an eligible credential.
023	HVAC Excellence Heat, Electrical, and Air Conditioning			X				X							X
024	Internet and Computing Core Certification (IC3) Digital Literacy Certification (Computer Lit*)		X				X								X
<del>025</del>	<del>Landscape Contractor-</del>						<del>X</del>							<del>X</del>	X



STS-Code Matrix for 2018 - 2019 - (version 19)

101	ADDA Certified Architectural Apprentice Drafter			X			X									
102	Adobe Certified Associate Dreamweaver			X			X									
103	Adobe Certified Associate Flash Professional			X			X								X	
104	Adobe Certified Associate Premiere Pro			X			X									
105	Adobe Certified Associate Photoshop			X			X									
106	Adobe Certified Associate Illustrator			X			X									
107	Adobe Certified Associate InDesign			X			X									
108	Adobe Certified Expert Dreamweaver				X		X									
109	<del>Adobe Certified Expert Flash Professional</del>				X		X								X	
110	Adobe Certified Expert Illustrator				X		X									
111	Adobe Certified Expert InDesign				X		X									
112	Adobe Certified Expert Photoshop				X		X									
113	Adobe Certified Expert Premier Pro				X		X									
114	<del>Adobe Certified Expert Digital Analyst</del>				X		X								X	
115	<del>Adobe Certified Expert Reports &amp; Analytics Implementation</del>				X		X								X	
116	ASE Student Certificate Automotive Transmission and Transaxle			X			X									
117	ASE Student Certificate Brakes			X			X									
118	ASE Student Certificate Electrical / Electronic			X			X									

STS-Code Matrix for 2018 - 2019 - (version 19)

119	ASE Student Certificate Engine Performance			X			X									
120	ASE Student Certificate Engine Repair			X			X									
121	ASE Student Certificate Heat and Air Conditioning			X			X									
122	ASE Student Certificate Maintenance and Light Repair			X				X								
123	ASE Student Certificate Manual Drive Train and Axles			X			X									
124	ASE Student Certificate Steering and Suspension			X			X									
125	ASE Student Certificate (3+ certifications)				X		X									
126	AVID ProTools User			X					X							
127	AWS Certified Welder Level 2				X		X									
128	ABC-Pelican Level 1 Basic AWS Welding Modules			X					X							
129	ABC-Pelican Level 1 Advanced AWS Welding Modules				X				X							
130	ABC-Pelican AWS Welder's Helper (Partial)	X							X							
131	Autodesk Inventor Certified User				X		X									
132	Basic Access Training - Scaffolding			X					X							
133	<b>Basic Orientation Plus</b> (formerly Basic Safety Orientation Safety*)		X					X								
134	Basic Sheet Metal Apprenticeship	X							X							
135	Certification for Machining (C4Machining)			X					X							
136	Certification for Manufacturing (C4M)			X			X									
137	Certified Coding Associate (CCA)	X						X								
138	Certified Front Desk Representative		X				X									X

STS-Code Matrix for 2018 - 2019 - (version 19)

139	Certified Guestroom Attendant		X					X								
140	Certified Guest Service Professional		X					X								
141	Certified Hospitality and Tourism Management (CHTMP)	X						X								
142	<del>Certified Hospitality Supervisor</del>		X													Effective immediately, per Certifying Agency, is not an eligible credential as it is unattainable by high school students.
143	Certified Logistics Associate (MSSC)			X				X								
144	Certified Logistics Technician (MSSC)			X				X								
145	<b>Certified Maintenance Employee</b> (formerly Certified Maintenance Services)		X					X								
146	Certified Patient Care Technician / Assistant			X			X									
147	Certified Restaurant Server		X					X								
148	CIW Advanced HTML5 and CSS3 Specialist	X							X							
149	CIW Network Technology Associate			X				X								
150	CIW Internet Business Associate			X				X								
151	CIW Site Development Associate			X				X								
152	CIW Web Design Professional				X		X									
153	CIW Web Design Specialist			X				X								
154	CIW E-Commerce Specialist			X				X								
155	CIW Web Security Professional				X			X								
156	CIW Web Security Associate			X				X								
157	CIW Web Security Specialist			X				X								

STS-Code Matrix for 2018 - 2019 - (version 19)

158	CIW Web Development Professional				X			X							
159	CIW Database Design Specialist			X				X							
160	CIW JavaScript Specialist 2.0			X				X							
161	CIW Perl Specialist			X				X							
162	Class A Commercial Driver's License	X							X						
163	Class B Commercial Driver's License	X							X						
164	Class C Commercial Driver's License	X							X						
165	Class D Commercial Driver's License	X							X						
166	CompTIA IT Fundamentals			X					X						
167	CompTIA Security+ Certification			X				X							
168	Fashion Design for Costume in Film (Pre-PAC Fashion, Textiles, and Apparel)	X					X								
169	<b>FEMA-IS-700.B National Incident Management Systems</b> (formerly FEMA National Incident Management System)	X							X						
170	<del>First Aid and CPR for Students-Certification (Safety*)</del>		X						X						Effective immediately, per Certifying Agency, this is not an eligible credential.
171	<del>Food and Beverage Executive</del>		X						X						Effective immediately, per Certifying Agency, is not an eligible credential.as it is unattainable by high school students.

STS-Code Matrix for 2018 - 2019 - (version 19)

172	Global Logistics Associate			X				X								
173	Heartsaver First Aid CPR		X					X								Effective immediately, per Certifying Agency, this is not an eligible credential.
174	Hospitality Sales Professional—AH&LA		X						X							Effective immediately, per Certifying Agency, is not an eligible credential.as it is unattainable by high school students.
175	HVAC Excellence EPA Universal <b>AND</b> HVAC Excellent Heat, Electrical, and Air Conditioning				X			X								
176	HVAC Excellence EPA Universal			X				X								
177	I-CAR Collision Repair and Refinish Pro Platinum			X			X									
178	<b>Beginning Jewelry Sales</b> - (was Jewelry Sales Certification)		X						X							
179	Junior Master Gardener	X	X					X								
180	Literary Braille Transcriber			X			X									
181	Louisiana Micro-Enterprise Credential - <b>REGIONAL CORE</b>	X							X							Students must complete all five modules of the Micro-Enterprise Credential.
182	Microsoft Certified Solutions Associate (MCSA)	X						X								
183	<b>Microsoft Office Specialist Excel</b> (formerly Microsoft Excel Specialist (Computer Lit*))		X					X								X



STS-Code Matrix for 2018 - 2019 - (version 19)

208	NCCER HVAC Level 4				X			X							
209	NCCER Industrial Maintenance Electrical & Instrumentation Technician Level 1							X							X
210	NCCER Industrial Maintenance Mechanic Helper	X						X							
211	NCCER Industrial Maintenance Mechanic Level 2				X		X								
212	NCCER Industrial Maintenance Mechanic Level 3				X			X							
213	NCCER Industrial Maintenance Mechanic Level 4				X			X							
214	NCCER Instrumentation Level 1			X				X							
215	NCCER Instrumentation Level 2				X			X							
216	NCCER Instrumentation Level 3				X			X							
217	NCCER Instrumentation Level 4				X			X							
218	NCCER Insulating Level 2				X			X							
219	NCCER Insulating Level 3				X			X							
220	NCCER Masonry Level 1	X						X							
221	NCCER Masonry Level 2	X						X							
222	NCCER Masonry Level 3	X						X							
223	NCCER Millwright Operator Level 1			X				X							
224	NCCER Millwright Operator Level 2				X			X							
225	NCCER Millwright Operator Level 3				X			X							
226	NCCER Millwright Operator Level 4				X			X							
227	NCCER Millwright Operator Level 5				X			X							
228	NCCER Mobile Crane Operator Level 1			X				X							
229	NCCER Mobile Crane Operator Level 2				X			X							
230	NCCER Pipefitting Helper	X						X							
231	NCCER Pipefitting Level 2				X			X							
232	NCCER Pipefitting Level 3				X			X							
233	NCCER Pipefitting Level 4				X			X							

STS-Code Matrix for 2018 - 2019 - (version 19)

234	NCCER Plumbing Level 2				X		X								
235	NCCER Plumbing Level 3				X			X							
236	NCCER Plumbing Level 4				X			X							
237	NCCER Sheet Metal Level 1	X						X							
238	NCCER Sheet Metal Level 2	X						X							
239	NCCER Welding Helper	X						X							
240	NCCER Welding Level 2				X		X	X							
241	NCCER Welding Level 3				X			X							
242	NIMS Machining Level 1 Certification			X				X							
243	NIMS Machining Level 2 Certification				X			X							
244	<b>OSHA-10 Construction Industry</b> (formerly OSHA 10 - Construction Safety*)		X					X							
245	OSHA 10 - General Industry (Safety*)		X					X							
246	OSHA 10 - Maritime Industry		X					X							
247	OSHA 30 - Maritime Industry		X						X						
248	OSHA 2015 Hazardous Materials		X					X							
249	OSHA 2045 Machine Guarding		X					X							
250	OSHA 2255 Principles of Ergonomics		X					X							
251	OSHA 3115 Fall Protection		X					X							
252	<del>Emergency Telecommunicator (formerly Priority Dispatch)</del>	X							X						Emergency Telecommunicator is now IBC# 468 and IBC3 469
253	ProStart National Certificate of Achievement (Including ServSafe)			X				X							
254	<del>Randolph-Sheppard Vending Certification</del>							X					X		X
255	Safe Gulf or Safe Land		X						X						

STS-Code Matrix for 2018 - 2019 - (version 19)

256	ServSafe Food Protection Manager Certificate	X	X				X											X
257	S/P2 Automotive Safety and Pollution Prevention			X			X											
258	T2 Production Safety Systems			X			X											
259	Water Survival / Helicopter Underwater Egress Training		X						X									
260	Louisiana Micro-Enterprise Credential - <b>REGIONAL Complementary</b>		X						X									<b>Students must complete the Self-Assesment and Self-Assessment presentation Modules.</b>
261	Mechanical Drafter (LCTCS TD)				X													
262	Mechanical Drafter (LCTCS CTS)			X														
263	Nursing Assistant (LCTCS TD)				X													
264	Nursing Assistant (LCTCS CTS)			X														
265	Cyber Engineering (LCTCS TD)				X													
266	Cyber Engineering (LCTCS CTS)			X														
267	Electrician (LCTCS TD)				X													
268	Electrician (LCTCS CTS)			X														
269	Emergency Medical Technician (EMT) (LCTCS TD)				X													
270	Emergency Medical Technician (EMT) (LCTCS CTS)			X														
271	Engine Technician (LCTCS TD)				X													
272	Engine Technician (LCTCS CTS)			X														
273	HVAC Technician (LCTCS TD)				X													
274	HVAC Technician (LCTCS CTS)			X														
275	Industrial Maintenance Mechanic (LCTCS TD)				X													
276	Industrial Maintenance Mechanic (LCTCS CTS)			X														

STS-Code Matrix for 2018 - 2019 - (version 19)

277	Internet Web Foundations (LCTCS TD)				X											
278	Internet Web Foundations (LCTCS CTS)			X												
279	Mobile Crane Operator (LCTCS TD)				X											
280	Mobile Crane Operator (LCTCS CTS)			X												
281	Oil & Gas T-2 Safety Systems (LCTCS TD)				X											
282	Oil & Gas T-2 Safety Systems (LCTCS CTS)			X												
283	Pipefitter (LCTCS TD)				X											
284	Pipefitter (LCTCS CTS)			X												
285	Plumber (LCTCS TD)				X											
286	Plumber (LCTCS CTS)			X												
287	Web Design (LCTCS TD)				X											
288	Web Design (LCTCS CTS)			X												
290	Mason (LCTCS CTS)	X														
291	Sheet Metal (LCTCS-CTS)	X														
292	Agriculture Tech (LCTCS TD)				X											
293	Agriculture Tech (LCTCS CTS)			X												
294	Digital Media (LCTCS TD)				X											
295	Digital Media (LCTCS CTS)			X												
296	Health Science - Patient Care & Management (LCTCS TD)				X											
297	Health Science - Patient Care & Management (LCTCS CTS)			X												
298	Hospitality, Tourism (LCTCS TD)				X											
299	Hospitality, Tourism LCTCS CTS)			X												
300	Information Technology (LCTCS TD)				X											
301	Information Technology (LCTCS CTS)			X												

STS-Code Matrix for 2018 - 2019 - (version 19)

302	Manufacturing, Construction (LCTCS TD)				X											
303	Manufacturing, Construction (LCTCS CTS)			X												
304	Manufacturing Specialist (LCTCS TD)				X											
305	Manufacturing Specialist (LCTCS CTS)			X												
306	Maritime (LCTCS TD)				X											
307	Maritime (LCTCS CTS)			X												
308	STEM (LCTCS TD)				X											
309	STEM (LCTCS CTS)			X												
310	Technology Specialist (LCTCS TD)				X											
311	Technology Specialist (LCTCS CTS)			X												
400	Oil & Gas Production Tech (LCTCS Associate Degree)					X										
401	Petroleum Technology/Technician (LCTCS Associate Degree)					X										
402	Auto body / Collision and Repair Technology / Technician (LCTCS TD)				X											
403	Carpentry (LCTCS TD)				X											
404	Culinary Arts (LCTCS TD)				X											
405	Electrical Technology (LCTCS TD)				X											
406	Welding Technology / Welder (LCTCS TD)				X											
407	Automotive Technician (LCTCS CTS)			X												
408	Carpentry (LCTCS CTS)			X												
409	Culinary Arts (LCTCS CTS)			X												
410	Electrical Technology (LCTCS CTS)			X												
412	Petroleum Technology/Technician/Oil & Gas Production Tech (LCTCS CTS)			X												

STS-Code Matrix for 2018 - 2019 - (version 19)

413	Welding Technology/Welder (LCTCS CTS)			X											
414	Carpentry (LCTCS TCA)	X													
415	Computer Systems Networking and Telecommunications (LCTCS TCA)	X													
416	Culinary Arts/Chef Training (LCTCS TCA)	X													
417	Industrial Technology/Technician (LCTCS TCA)	X													
418	Instrumentation Technology/Technician (LCTCS TCA)	X													
419	AutoDesk 3ds Max Certified User	X						X							
420	AutoDesk Maya Certified User	X						X							
421	Basic Life Support (BLS)		X				X								
422	Carpenter International Training Fund (CITF) Career Connections, Level 1			X					X						
423	Carpenter International Training Fund (CITF) Career Connections, Level 2				X				X						
424	Carpenter International Training Fund (CITF) Career Connections, Level 3				X				X						
425	CPR/AED - American Red Cross, American Heart Association or approved equivalent		X					X							Heart Saver Card may also read "HeartSaver for k-12 Schools"
426	EDDA Dental Assistant				X				X						
427	First Aid - Red Cross, American Heart Association or approved equivalent		X					X							Heart Saver Card may also read "HeartSaver for K-12 Schools"

STS-Code Matrix for 2018 - 2019 - (version 19)

428	First Aid/CPR/AED - American Red Cross, American Heart Association or approved equivalent		X					X									Heart Saver Card may now read "HeartSaver for K-12 Schools"
429	Maritime Safety Credentials Suite: Basic Water Survival	X							X								
430	Maritime Safety Credentials Suite: Basic Firefighting	X							X								
431	Maritime Safety Credentials Suite: Personal Safety/Social Responsibilities	X							X								
432	Maritime Safety Credentials Suite: Rules of the Road	X							X								
433	Merchant Mariner's Credential (Z-Card)		X						X								
434	2010 Microsoft Office Specialist Master		X						X								
435	Microsoft Office Specialist Word Expert 1		X						X								
436	NOCTI Dental Assistant			X						X							
437	Qualified Rigger, American Petroleum Institute	X															
438	Computer Technology - Networking Specialist (LCTCS TCA)	X															
440	General Industry Technician (LCTCS TCA)	X															
441	Louisiana Agritechnology			X						X							
442	Carpenter International Training Fund (CITF) - Career Connections Core	X								X							
443	Microsoft Office Specialist Word Expert 2		X							X							

STS-Code Matrix for 2018 - 2019 - (version 19)

444	Certification for Machining (C4Machining) Helper	X								X						Student <b><u>MUST</u></b> attain passing grades in first two courses of C4Machining AND either NCCER Core, OSHA 30 Gen, Industry or OSHA 30 Construction
445	Certification for Manufacturing (C4M) Helper	X								X						Student <b><u>MUST</u></b> attain passing grades in first two courses of C4M AND either NCCER Core, OSHA 30 Gen, Industry or OSHA 30 Construction
446	Fundamentals of JavaScript, Functional Programming and Web Development, Level 1			X						X						
447	Fundamentals of JavaScript, Functional Programming and Web Development, Level 2				X					X						<b>Error. This credential was Advanced when first approved.</b>
448	ServSafe Food Handler Certification - NRA (National Restaurant Association)		X								X					
449	LA Nursery & Landscape Student Certification	X								X						
450	Louisiana Micro-Enterprise Credential - <b>Statewide</b>			X							X					
451	OSHA 30- General Industry		X								X					
452	OSHA 30 - Construction		X								X					
453	300 hours of Barbering		X								X					Completion of 300 hours of instruction in Barbering

STS-Code Matrix for 2018 - 2019 - (version 19)

454	300 hours of Cosmetology		X								X					<b>Completion of 300 hours of instruction in Cosmetology</b>
455	Certified Hospitality and Tourism Management <b>AND</b> Certified Guest Service Professional			X							X					
456	Adobe Certified Associate Visual Design Specialist				X						X					
457	Geographic Information System (GIS) ESRI User Certification			X							X					
458	Network Cabeling Specialist			X							X					
459	Smart Home Professional			X							X					
460	Broadband Professional				X						X					
461	Certified Clinical Medical Assistant (CCMA)				X						X					
462	ManageFirst Professional				X						X					
463	LSU Pre-Engineering Certification of Completion	X									X					<b>Must complete 4 required and 4 courses from the additional course list.</b>
464	Microsoft Office Specialist Excel Expert		X								X					
466	Forestry				X						X	X				
467	Pharmacy Technician Certification - Exam for the Certification of Pharmacy Technician (EXEPT)			X							X					
468	ETC - 1 Certified Emergency Telecommunicator (911 Dispatch)			X								X				
469	ETC - 1 Certified Emergency Telecommunicator (911 Dispatch) PLUS Emergency Police Dispatch (EPD), Emergency Fire Dispatch (EFD) or Emergency Medical Dispatch (EMD)				X							X				

STS-Code Matrix for 2018 - 2019 - (version 19)

470	FAA Part 107: Small Unmanned Aircraft Operation			X								X				
471	Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) & CPT+				X							X				
472	Electrical Training ALLIANCE Interim Credentials Curriculum				X							X				
473	App Development with Swift			X								X				
474	LSU Digital Design and Emergent Media Certification of Completion	X														<b>Must complete 4 required and 4 courses from the additional course list.</b>
475	2013 Microsoft Office Specialist Master		X									X				
476	2016 Microsoft Office Master		X									X				
477	Accounting Technology/Technician and Bookkeeping (LCTCS Associate Degree)					X										
478	Criminal Justice/Police Science (LCTCS Associate Degree)					X										
479	General Studies (LCTCS Associate Degree)					X										
480	Liberal Arts and Sciences, General Studies and Humanities, Other (LCTCS Associate Degree)					X										
481	Associate Degree - LSMSA					X										
482	Industrial Technology (LCTCS Associate Degree)					X										
483	Cyber Technology (LCTCS Associate Degree)					X										

STS-Code Matrix for 2018 - 2019 - (version 19)

484	Automobile/Automotive Mechanics Technology/Technician (LCTCS TCA)	X														
487	Diesel Mechanics Technology/Technician (LCTCS TCA)	X														
488	Electrician (LCTCS TCA)	X														
489	Emergency Medical Technology/Technician (EMT Paramedic) (LCTCS TCA)	X														
490	Food Preparation/Professional Cooking/Kitchen Assistant, Health Aide (LCTCS TCA)	X														
492	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician (LCTCS TCA)	X														
493	Industrial Production Technologies/Technicians, Other (LCTCS TCA)	X														
496	Machine Tool Technology/Machinist (LCTCS TCA)	X														
498	Nursing Assistant/Aide and Patient Care Assistant/Aide (LCTCS TCA)	X														
499	Welding Technology/Welder (LCTCS TCA)	X														
501	Draft & Design Technology (LCTCS TCA)	X														
502	NCCER Technical Core (LCTCS TCA)	X														
503	Graphic Art (LCTCS Associate Degree)					X										
507	Global Logistic Assistant (LCTCS TCA)	X														

STS-Code Matrix for 2018 - 2019 - (version 19)

508	Phlebotomy Technician (LCTCS TCA)	X														
509	Web Design (LCTCS TCA)	X														
512	Petroleum Technology/Technician/Oil & Gas Production Tech (LCTCS CTS)			X												
516	Diesel Engine Apprentice (LCTCS CTS)			X												
519	Commercial Refrigeration Tech. (LCTCS CTS)			X												
523	Industrial Instrumentation Tec (LCTCS TD)				X											
525	Marine Operations (LCTCS TD)				X											
526	Process Technology (LCTCS TD)				X											
528	Industrial Maint Technology (LCTCS TD)				X											
529	Computer Tech Net Specialist (LCTCS TD)				X											
530	Diesel Power Equip Tech (LCTCS TD)				X											
531	Nautical Science (LCTCS TD)				X											
532	Marine Diesel Engine Tech (LCTCS TD)				X											
534	Automotive Technician (LCTCS TD)				X											
833	833 IBC															As determined by IEP Team