LOUISIANA DEPARTMENT OF EDUCATION

TOPS Tech

(Career Diploma) Course Requirements

For Incoming Freshmen Beginning Fall 2014

English				
4 Units Required	**Course Code**	**TOPS**		**Course Title**
		4 Point Scale	**5 Point Scale**	
1 Unit	120331	✔		English I
	120617	✔		English Language Part 1: Cambridge IGCSE
	120619	✔		English Literature Part 1: Cambridge IGCSE
1 Unit	120332	✔		English II
	120618	✔		English Language Part 2: Cambridge IGCSE
	120620	✔		English Literature Part 2: Cambridge IGCSE
2 Units from the following: No more than one course from each unit grouping will count towards the two unit requirement.				
2 Units	120336	✔		Business English
	120350	✔		Technical Writing
	120333	✔		English III
	120341		✔	English III: Honors
	120329		✔	English III: Gifted and Talented
	120325		✔	English III: AP English Language Arts and Composition
	120403		✔	English III: IB Literature
	120327		✔	English III: IB Language & Literature
	120404		✔	English III: IB Literature & Performance
	120601		✔	English III: DE - CENL 1013 English Composition I
	120602		✔	English III: DE - CENL 1023 English Composition II
	120603		✔	English III: DE - CENL 2153 American Literature I
	120604		✔	English III: DE - CENL 2163 American Literature II
	120605		✔	English III: DE - CENL 2173 Major American Writers
	120621		✔	English Language Part 1: Cambridge AICE - AS (Honors)
	120623		✔	Literature in English Part 1: Cambridge AICE - AS (Honors)
	120334	✔		English IV
	120342		✔	English IV: Honors
	120330		✔	English IV: Gifted and Talented
	120326		✔	English IV: AP English Literature and Composition
	120405		✔	English IV: IB Literature
	120328		✔	English IV: IB Language & Literature
	120406		✔	English IV: IB Literature & Performance
	120622		✔	English Language Part 2: Cambridge AICE - AS (Honors)
	120624		✔	Literature in English Part 2: Cambridge AICE - AS (Honors)
	120606		✔	English IV: DE - CENL 1013 English Composition I
	120607		✔	English IV: DE - CENL 1023 English Composition II
	120608		✔	English IV: DE - CENL 2103 British Literature I
	120609		✔	English IV: DE - CENL 2113 British Literature II
	120610		✔	English IV: DE - CENL 2123 Major British Writers
	120611		✔	English IV: DE - CENL 2203 World Literature I
	120612		✔	English IV: DE - CENL 2213 World Literature II
	120613		✔	English IV: DE - CENL 2223 Major World Writers
	120614		✔	English IV: DE - CENL 2303 Introduction to Fiction
	120615		✔	English IV: DE - CENL 2323 Introduction to Literature

	120616		✔	English IV: DE - CENL 2313 Introduction to Poetry and/or Drama
	Note: Or comparable Louisiana technical college courses offered by Jump Start regional teams as approved by BESE			

Mathematics				
4 Units Required	**Course Code**	**TOPS**		**Course Title**
		4 Point Scale	**5 Point Scale**	
1 Unit	160321	✔		Algebra[1]
	160331	✔		Applied Algebra I
	160338	✔		Algebra I, Part 2[2]
1 Unit	160323	✔		Geometry[3]
	160332	✔		Applied Geometry[3]
1 Unit	160345	✔		Financial Literacy[4]
1 Unit from the following:				
1 Units	160322	✔		Algebra II[1]
	160351	✔		Math Essentials
	165040	✔		Transition to College Mathematics
	040307	✔		Business Math
	165031	✔		Statistical Reasoning
	160375	✔		Algebra III
	160508	✔		Additional Math - Cambridge IGCSE
	160500		✔	Algebra III: DE - CMAT 1213 College Algebra
	160347	✔		Advanced Math - Functions and Statistics
	160346	✔		Advanced Math - Pre-Calculus
	160501		✔	Adv Math-Pre Calc: DE - CMAT 1223 Trigonometry
	160348	✔		Pre-Calculus
	160365		✔	Pre-Calculus: IB Math Studies I
	160502		✔	Pre-Calculus: DE - CMAT 1233 Algebra and Trigonometry
	160366		✔	Pre-Calculus: Honors
	160349	✔		Probability and Statistics
	160510		✔	Math 1 (Pure Math): Cambridge AICE - AS (Honors)
	Note: Or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education.			

[1] Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for Algebra I, Geometry, and Algebra II.
[2] The elective course Algebra I - Part 1 is a prerequisite.
[3] For Fall grade 9 entry 2023-2024 and thereafter, Geometry is required. For grade 9 entry prior to 2023-2024, students must take three additional Math courses of which Geometry is an option.
[4] For Fall grade 9 entry 2024-2025 and thereafter, Financial Literacy is required. For grade 9 entry prior to 2024-2025, students must take four units of math, of which Financial Math is an option.

Science				
2 Units Required	Course Code	TOPS		Course Title
		4 Point Scale	5 Point Scale	
1 Unit	150301	✔		Biology I
	150321		✔	Biology I: DE - CBIO 1013 General Biology I
	150322		✔	Biology I: DE - CBIO 1033 General Biology I (Sci Majors)
1 Unit	150401	✔		Chemistry I
	150412		✔	Chemistry I: Gifted and Talented
	150413		✔	Chemistry I: DE - CCEM 1013 General Chemistry Survey I
	150414		✔	Chemistry I: DE - CCEM 1103 Chemistry I
	150415		✔	Chemistry I: DE - CCEM 1123 Chemistry I (Sci Majors)
	150400		✔	Chemistry I: Honors
	150901	✔		Earth Science
	150909		✔	Earth Science: DE - CGEO 1103 Physical Geology
	150910		✔	Earth Science: DE - CGEO 1113 Historical Geology
	150310	✔		Environmental Science
	150913		✔	Environmental Science: Gifted and Talented
	150311		✔	Environment Science: AP Environmental Science
	150312		✔	Environmental Science: IB Environmental Systems
	150914		✔	Environmental Science: DE - CEVS 1103 Environmental Science
	150328		✔	Environmental Science: Honors
	150802	✔		Physical Science
	150915		✔	Physical Science: DE - CPHY 1023 Physical Science I
	110810	✔		Principles of Engineering
	110864	✔		(LSU Partnership) Principles of Engineering
	080109	✔		PLTW Principles of Engineering
	010302	✔		Agriscience II[5]
	150307		✔	Biology II: AP Biology
	150305		✔	Biology II: IB Biology I
	150308		✔	Biology II: IB Biology II
	149993		✔	Biology II: Cambridge AICE - AS (Honors)
	150410		✔	Chemistry II: AP Chemistry
	150423		✔	Chemistry II: IB Chemistry I
	150411		✔	Chemistry II: IB Chemistry II
	150425		✔	Chemistry II: Cambridge AICE - AS (Honors)
	150000	✔		Physics I
	149997	✔		Physics I: Cambridge IGCSE
	149999		✔	Physics II: Cambridge AICE - AS (Honors)
	150724		✔	Physics: AP Physics I - Algebra Based
	150725		✔	Physics: AP Physics II - Algebra Based
	150703		✔	Physics: IB Physics I
	150704		✔	Physics: IB Physics II
	150794		✔	Physics: AP Physics C - Electricity and Magnetism
	150795		✔	Physics: AP Physics C - Mechanics

[5] The elective course Agriscience I is a prerequisite.

Social Studies				
2 Units Required	Course Code	TOPS		Course Title
		4 Point Scale	5 Point Scale	
1 Unit	220403	✔		U.S. History
	220409		✔	U.S. History: Honors
	220406		✔	U.S. History: Gifted
	220404		✔	AP U.S. History
	220405		✔	IB History of the Americas I
	220407		✔	U.S. History: DE - CHIS 2013 American History I
	220408		✔	U.S. History: DE - CHIS 2023 American History II
1 Unit	220502	✔		American Government
	220505		✔	Government: Honors
	220513		✔	Government: Gifted
	220501	✔		Civics (1st semester)
	220504	✔		Civics (2nd semester)
	220604		✔	Government: AP Government and Politics: Comparative
	220503		✔	Government: AP Government and Politics: United States
	220514		✔	Government: DE - CPOL 2013 Introduction to American Govt
	220515		✔	Government: DE - CPOL 2113 Introduction to State & Local Govt
	220516		✔	Government: DE - CPOL 2213 Introduction to Comparative Govt

Physical Education				
1.5 Units Required	Course Code	TOPS		Course Title
		4 Point Scale	5 Point Scale	
1 Unit	190105	✔		Physical Education I
	190100	✔		Adapted Physical Education I[6]
	170001	✔		JROTC I[7]
	170002	✔		JROTC II
	170003	✔		JROTC III
	170004	✔		JROTC IV
½ Unit	190106	✔		Physical Education II
	190097	✔		Adapted Physical Education II
	170001	✔		JROTC I
	170002	✔		JROTC II
	170003	✔		JROTC III
	170004	✔		JROTC IV
	190110	✔		Marching Band
	190113	✔		Extracurricular Sports
	190111	✔		Cheerleading
	190112	✔		Dance Team

Health Education				
.5 Units Required	Course Code	TOPS		Course Title
		4 Point Scale	5 Point Scale	
½ Unit	190500	✔		Health Education
2 Units	170001	✔		JROTC I[8]
	170002	✔		JROTC II

Electives				
3 Units Required	Course Code	TOPS		Course Title
		4 Point Scale	5 Point Scale	
9 Units	Jump Start course sequence, workplace experiences and approved credentials (a minimum of one industry-based credential is required for graduation).			

TOPS TECH Diploma Minimum Course Requirements
Total 23 Units

[6] Adapted physical education restricted to eligible special education students.
[7] In schools having approved Junior Reserve Officer Training Corps (JROTC) training, credits may, at the option of the local school board, be substituted for the required credits in physical education.
[8] JROTC I and II may be used to meet the health education requirement provided the following requirements are met. A minimum of 2000 minutes of instructional time shall be devoted to health education in JROTC I and in JROTC II. Students must take both JROTC I and JROTC II to meet the health education requirement. All of the standards and GLEs for health shall be covered in JROTC I and JROTC II. JROTC I and JROTC II shall include instruction in CPR, automated external defibrillators, and content relative to dating violence as required by state law.