

**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
<b>2 Units from the following:</b>				
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 <sup>1</sup>
	160331	✓		Applied Algebra I
	160338	✓		Algebra I, Part 2 <sup>2</sup>
1 Unit	160323	✓		Geometry <sup>3</sup>
	160332	✓		Applied Geometry <sup>3</sup>
1 Unit	160345	✓		Financial Literacy <sup>4</sup>
2 Units from the following:				
1 Units	160322	✓		Algebra II <sup>1</sup>
	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.				

<sup>1</sup> Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for Algebra I, Geometry, and Algebra II.

<sup>2</sup> The elective course Algebra I - Part 1 is a prerequisite.

<sup>3</sup> 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.

<sup>4</sup> 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 <sup>5</sup>
	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	

<sup>5</sup> 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 <sup>6</sup>
	170001	✓		JROTC I <sup>7</sup>
	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 <sup>8</sup>
	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**

<sup>6</sup> Adapted physical education restricted to eligible special education students.

<sup>7</sup> 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.

<sup>8</sup> 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.

