

# Health Sciences – Patient Care and Management

<b>Integrated Pathway</b>	<p>The Health Sciences graduation pathway is an Integrated pathway. Students must:</p> <ol style="list-style-type: none"> <li>1) pass 9 Carnegie credits of courses from this pathway;</li> <li>2) including at least one Career Readiness course (one Carnegie credit);</li> <li>3) attain one Statewide credential (or the LCTCS equivalent certificate / diploma); <u>OR</u></li> <li>4) one Core credential (or the LCTCS equivalent certificate / diploma); and</li> <li>5) two Complementary credentials.</li> </ol>
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High-Demand Careers Related to this Pathway	<p>5 Star: Licensed Practical and Vocational Nurses; Medical Services Managers; Physical Therapists; Registered Nurses</p> <p>4 Star: Environmental Science and Protection Technicians; Health and Safety Engineers; Healthcare Social Workers; Occupational Health and Safety Specialists</p> <p>3 Star: Medical Records and Health Information Technicians; Occupational Health and Safety Technicians</p>
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Starting Salary Ranges for this Pathway	\$16,000 - \$27,000
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## Health Sciences - Patient Care and Management Pathway: Sections

<b>1</b>	<b>Pathway-Specific Courses</b>	This section lists the course titles and codes for courses specific to this pathway
		Each table also indicates those courses that qualify for the basic 6% CTE adder ( <i>course codes beginning with "01", "04", "07", "08", "09", "10", "11" or "31" are CTE courses</i> ) as well as those courses that qualify for the additional 6% Career Development Fund (or CDF) payment.
<b>2</b>	<b>Universal Jump Start Courses</b>	This section lists the course titles and course codes for courses that are part of every Jump Start graduation pathway
<b>3</b>	<b>Career Readiness Courses</b>	This section lists the course titles and codes for courses that qualify as Career Readiness Courses. Students must pass at least one Carnegie credit of Career Readiness courses, but may apply more than one Career Readiness course to their 9 credit Jump Start graduation requirement.
<b>4</b>	<b>Internships</b>	This section indicates the three types of internships and the appropriate course codes.
<b>5</b>	<b>Culminating Credentials</b>	This section indicates the required culminating credential(s) for this pathway.

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<b>6</b>	<b>Sample Schedule</b>	This section provides a sample schedule for students pursuing this graduation pathway. Each high school will develop its own standard schedules for Jump Start students.
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### **Jump Start Graduation Pathway Revision Policy**

Jump Start graduation pathways are continuously updated. Please use the most updated graduation pathways.

**Future changes to Jump Start graduation pathways will always increase student opportunities. *No one will ever need to compare an old pathway with an updated pathway.***

**Please send any recommended graduation pathway changes to [JumpStart@la.gov](mailto:JumpStart@la.gov) using the subject line: *Recommended Graduation Pathway Change.***

The Department reserves the right to make administrative updates to Jump Start graduation pathways, including but not limited to updating course codes, correcting errors on course codes, correcting spelling errors and other similar changes.

The Department reserves the right to delete courses no longer meeting state standards. When this occurs, the Department may add a section to the graduation pathway indicating: "Courses Deleted from this Graduation Pathway."

The Department reserves the right to make changes on credentialing requirements based on guidance provided by the Jump Start Graduation Pathways Review Panel. (Please see the *All Things Jump Start* web portal for information about this Panel.) The Department will also maintain contact with certifying agencies and the Workforce Investment Council (WIC) to update the Statewide, Core and Complementary credentials indicated in each graduation pathway.

***Louisiana educators can seek assistance with Jump Start graduation pathways at any time by emailing their questions to [JumpStart@la.gov](mailto:JumpStart@la.gov)***

### **Help Resources**

Please see the updated *All Things Jump Start* web portal: <http://www.louisianabelieves.com/courses/all-things-jump-start/> The updated portal provides easier access to:

- updated Jump Start graduation pathways;
- updated industry credential fact sheets that provide comprehensive details on over 100 Jump Start industry credentials;
- guidance on how your school can implement workplace internships and virtual workplace experiences; *and much, much more.*

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<b>Pathway-Specific Courses: Health Sciences - Patient Care and Management</b>				
<b>Course Title</b>	<b>Course Code</b>	<b>Carnegie Credits</b>	<b>CTE 6%</b>	<b>CDF 6%</b>
AGRISCIENCE I	010301	1	✓	
Career Readiness Agriscience Agribusiness Natural Resources	010331	1	✓	
AGRISCIENCE-LEADERSHIP DEVELOPMENT (1/2 CREDIT)	010354	1/2	✓	
AG LEADERSHIP (1 CREDIT)	010364	1	✓	
VETERINARY ASSISTANT (1 CREDIT)	010390	1	✓	
VETERINARY ASSISTANT II (1 CREDIT)	010391	1	✓	
ACCOUNTING I	040101	1	✓	✓
ACCOUNTING II	040104	1	✓	✓
ENTREPRENEURSHIP (BUSINESS)	040110	1	✓	
WORD PROCESSING	040203	1	✓	
COOPERATIVE OFFICE EDUCATION (3 CREDITS)	040205	3	✓	
COMPUTER TECHNOLOGY LITERACY	040220	1	✓	
KEYBOARDING (1/2 CREDIT)	040225	1/2	✓	
KEYBOARDING APPLICATIONS (1/2 CREDIT)	040226	1/2	✓	
Keyboarding	040229	1	✓	
BUSINESS LAW	040303	1	✓	

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BUSINESS COMMUNICATIONS	040305	1	✓	
PRINCIPLES OF BUSINESS	040306	1	✓	
Business Math	040307	1	✓	
BUSINESS COMPUTER APPLICATIONS	040400	1	✓	
INTRODUCTION TO BUSINESS COMPUTER APPLICATIONS	040401	1	✓	
CUSTOMER SERVICE (1 CREDIT)	041001	1	✓	
COOPERATIVE MARKETING EDUCATION I (3 CREDITS)	041010	3	✓	
COOPERATIVE MARKETING EDUCATION II (3 CREDITS)	041011	3	✓	
PERSONAL FINANCE	041022	1	✓	
PRINCIPLES OF MARKETING I	041025	1	✓	
PRINCIPLES OF MARKETING II	041026	1	✓	
ENTREPRENEURSHIP (MARKETING)	041040	1	✓	
ENTREPRENEURSHIP II - Advanced Micro-Enterprise Credentials	041041	1	✓	✓
JOBS FOR AMERICA'S GRADUATES 1	042010	1	✓	✓
JOBS FOR AMERICA'S GRADUATES 2	042020	1	✓	✓
JOBS FOR AMERICA'S GRADUATES 3	042030	1	✓	✓
JOBS FOR AMERICA'S GRADUATES 4	042040	1	✓	✓
SPEECH I	051101	1		

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SPEECH II	051102	1		
CDF-Qualifying CTE Internship I (2 CREDITS)	080200	2	✓	✓
CDF-Qualifying CTE Internship II (2 CREDITS)	080201	2	✓	✓
CDF-Qualifying CTE Internship I (1 CREDIT)	080202	1	✓	✓
CDF-Qualifying CTE Internship II (1 CREDIT)	080203	1	✓	✓
Virtual Workplace Experience I (1/2 credit)	080204	1/2	✓	
Virtual Workplace Experience I (1 credit)	080205	1	✓	
Virtual Workplace Experience II (1/2 credit)	080206	1/2	✓	
Virtual Workplace Experience II (1 credit)	080207	1	✓	
Pre-Apprenticeship I (2 Credits)	080208	2	✓	
Pre-Apprenticeship II (2 Credits)	080209	2	✓	
Pre-Apprenticeship I (1 Credit)	080210	1	✓	
Pre-Apprenticeship II (1 Credit)	080211	1	✓	
Authentic Workplace Experience I (1 Credit)	080212	1	✓	
GENERAL COOPERATIVE EDUCATION I (3 CREDITS)	080300	3	✓	
GENERAL COOPERATIVE EDUCATION II (3 CREDITS)	080301	3	✓	
EDUCATION FOR CAREERS (1/2 CREDIT)	080400	1/2	✓	
EDUCATION FOR CAREERS (1CREDIT)	080401	1	✓	

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JOURNEY TO CAREERS PART I (1/2 CREDIT)	080402	1/2	✓	
JOURNEY TO CAREERS (1 CREDIT)	080403	1	✓	
JOURNEY TO CAREERS PART II (1/2 CREDIT)	080404	1/2	✓	
EDUCATION FOR CAREERS PART I (1/2 CREDIT)	080405	1/2	✓	
EDUCATION FOR CAREERS PART II (1/2 CREDIT)	080406	1/2	✓	
Career Success Skills	080407	1	✓	
Basic/Initial Career Readiness	080409	1	✓	
Advanced Career Readiness	080410	1	✓	
INSURANCE (1/2 CREDIT)	080650	1/2	✓	
PRINCIPLES OF FINANCE (1/2 CREDIT)	080670	1/2	✓	
(NAF) ENTREPRENEURSHIP (1/2 CREDIT)	080685	1/2	✓	
MANAGERIAL ACCOUNTING (1/2 CREDIT)	080691	1/2	✓	
CUSTOMER SERVICE (1/2 CREDIT)	080720	1/2	✓	
ASSISTIVE TECHNOLOGY FOR THE VISUALLY IMPAIRED (1 CREDIT)	080900	1	✓	
BUSINESS ENTERPRISES FOR THE VISUALLY IMPAIRED (1 CREDIT)	080901	1	✓	
BRAILLE I (1 CREDIT)	080902	1	✓	
BRAILLE II (1 CREDIT)	080903	1	✓	
HEALTH OCCUPATION ELECTIVE I (1/2 CREDIT)	090000	1/2	✓	

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HEALTH OCCUPATION ELECTIVE I (1 CREDIT)	090001	1	✓	
COOPERATIVE HEALTH OCCUPATIONS (3 CREDITS)	090004	3	✓	
INTRODUCTION TO PHARMACY ASSISTANT (1 CREDIT)	090005	1	✓	
HEALTH OCCUPATIONS ELECTIVE II (1/2 CREDIT)	090007	1/2	✓	
HEALTH OCCUPATIONS ELECTIVE II (1 CREDIT)	090008	1	✓	
PHARMACY TECHNICIAN (1 CREDIT)	090009	1	✓	
PHARMACY TECHNICIAN (2 CREDITS)	090010	2	✓	
AHEC OF A SUMMER CAREER EXPLORATION (1/2 CREDIT)	090016	1/2	✓	
AHEC OF A SUMMER: FUTURE DOCTORS PROGRAM	090017	1	✓	
AHEC OF A SUMMER: FUTURE NURSES PROGRAM	090018	1	✓	
Medical Registration Procedures	090020	1	✓	
Medical Registration Procedures Laboratory	090021	1	✓	
HEALTH OCCUPATION ELECTIVE (1 CREDIT)	090099	1	✓	
ALLIED HEALTH SERVICES I (1 CREDIT)	090101	1	✓	
ALLIED HEALTH SERVICES I (2 CREDITS)	090102	2	✓	
ALLIED HEALTH SERVICES II (1 CREDIT)	090104	1	✓	
ALLIED HEALTH SERVICES II (2 CREDITS)	090105	2	✓	
HEALTH OCCUPATIONS ELECTIVE I (2 CREDITS)	090118	2	✓	✓

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HEALTH OCCUPATIONS ELECTIVE I (3 CREDITS)	090119	3	✓	
HEALTH OCCUPATIONS ELECTIVE II (2 CREDITS)	090120	2	✓	
HEALTH OCCUPATIONS ELECTIVE II (3 CREDITS)	090121	3	✓	
MEDICAL TERMINOLOGY (1 CREDIT)	090151	1	✓	
Medical Terminology II (1 credit)	090152	1	✓	
NURSE ASSISTANT (1 CREDIT)	090236	1	✓	
NURSE ASSISTANT (2 CREDITS)	090237	2	✓	
NURSE ASSISTANT (3 CREDITS)	090238	3	✓	
MEDICAL ASSISTANT I (1 CREDIT)	090251	1	✓	✓
MEDICAL ASSISTANT I (2 CREDITS)	090252	2	✓	✓
PATIENT CARE TECHNICIAN (1 CREDIT)	090261	1	✓	✓
PATIENT CARE TECHNICIAN (2 CREDITS)	090262	2	✓	✓
PATIENT CARE TECHNICIAN (3 CREDITS)	090263	3	✓	✓
DENTAL ASSISTANT I (1 CREDIT)	090301	1	✓	✓
DENTAL ASSISTANT I (2 CREDITS)	090302	2	✓	✓
DENTAL ASSISTANT II (2 CREDITS)	090312	2	✓	✓
DENTAL ASSISTANT II (3 CREDITS)	090313	3	✓	✓
MEDICAL ASSISTANT II (1 CREDIT)	090451	1	✓	✓



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MEDICAL ASSISTANT II (2 CREDITS)	090452	2	✓	✓
MEDICAL ASSISTANT III (1 CREDIT)	090461	1	✓	✓
MEDICAL ASSISTANT III (2 CREDITS)	090462	2	✓	✓
INTRODUCTION TO EMERGENCY MEDICAL TECHNOLOGY (1 CREDIT)	090471	1	✓	
INTRODUCTION TO EMERGENCY MEDICAL TECHNOLOGY (2 CREDITS)	090472	2	✓	
EKG I	090473	1	✓	
EKG II	090474	1	✓	
Basic Coding I	090500	1	✓	
Basic Coding II	090510	1	✓	
Basic CPT Coding	090520	1	✓	
Advanced CPT Coding	090530	1	✓	
Billing and Reimbursement	090540	1	✓	
Information Management for Allied Health Professionals	090550	1	✓	
Introduction to Health Care Information Systems	090560	1	✓	
Professional Practice Medical Coding I	090570	1	✓	
Professional Practice Medical Coding II	090571	1	✓	
Basic Pathophysiology and Pharmacology	090580	1	✓	
HEALTH SCIENCE I (1 CREDIT)	090611	1	✓	

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HEALTH SCIENCE I (2 CREDITS)	090612	2	✓	
HEALTH SCIENCE II (1 CREDIT)	090621	1	✓	
HEALTH SCIENCE II (2 CREDITS)	090622	2	✓	
FIRST RESPONDER / EMERGENCY MEDICAL RESPONDER (1/2 CREDIT)	090710	1/2	✓	
FIRST RESPONDER / EMERGENCY MEDICAL RESPONDER (1 CREDIT)	090711	1	✓	
FIRST RESPONDER / EMERGENCY MEDICAL RESPONDER (2 CREDITS)	090712	2	✓	
SPORTS MEDICINE I (1/2 CREDIT)	090720	1/2	✓	
SPORTS MEDICINE II(1/2 CREDIT)	090721	1/2	✓	
SPORTS MEDICINE III (1 CREDIT)	090722	1	✓	
SPORTS MEDICINE I (1 CREDIT)	090723	1	✓	
SPORTS MEDICINE II (1 CREDIT)	090724	1	✓	
PRINCIPLES OF THE BIOMEDICAL SCIENCES (1 CREDIT)	090810	1	✓	
HUMAN BODY SYSTEMS (1 CREDIT)	090820	1	✓	
MEDICAL INTERVENTIONS (1 CREDIT)	090830	1	✓	
BIOMEDICAL INNOVATION (1 CREDIT)	090840	1	✓	
INTRODUCTION TO HEALTH OCCUPATIONS (1 CREDIT)	090930	1	✓	
EMERGENCY MEDICAL TECHNICIAN BASIC (2 CREDITS)	090943	2	✓	✓
EMERGENCY MEDICAL TECHNICIAN- BASIC (3 CREDITS)	090944	3	✓	✓

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NUTRITION AND FOOD (1/2 CREDIT)	100300	1/2	✓	
ADVANCED NUTRITION AND FOOD (1/2 CREDIT)	100301	1/2	✓	
NUTRITION AND FOOD (1 CREDIT)	100302	1	✓	
ADVANCED NUTRITION AND FOOD 1 CREDIT)	100303	1	✓	
PARENTHOOD EDUCATION (1/2 CREDIT)	100601	1/2	✓	
CHILD DEVELOPMENT	100602	1	✓	
ADVANCED CHILD DEVELOPMENT	100603	1	✓	
Child Development (1 Credit)	100604	1	✓	
FAMILY LIFE EDUCATION (1/2 CREDIT)	100605	1/2	✓	
Advanced Child Development (1 Credit)	100606	1	✓	
COOPERATIVE FAMILY AND CONSUMER SCIENCES (3 CREDITS)	100800	3	✓	
COOPERATIVE TECHNOLOGY EDUCATION (3 CREDITS)	110098	3	✓	
CTE Internship I (1 credit; Non-CDF)	110402	1	✓	
CTE Internship I (2 credits; Non-CDF)	110403	2	✓	
CTE Internship II (1 credit; Non-CDF)	110404	1	✓	
CTE Internship II (2 credits; Non-CDF)	110405	2	✓	
COMMUNICATION TECHNOLOGY	110540	1	✓	
TECHNICAL WRITING	120350	1		

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AMERICAN SIGN LANGUAGE I	123456	1		
AMERICAN SIGN LANGUAGE II	123457	1		
TECHNICAL READING and WRITING	125010	1		
BUSINESS COMMUNICATIONS	125030	1		
ANATOMY AND PHYSIOLOGY	150306	1		
Introductory Anatomy and Physiology Laboratory	150309	1		
ENVIRONMENTAL SCIENCE	150310	1		
Anatomy and Physiology II	150329	1		
Anatomy: DE-CBIO 2213 Human Anatomy & Physiology I	150330	1		
Anatomy: DE-CBIO 2214 Human Anatomy & Physiology I (LEC/LAB)	150331	1		
Anatomy: DE-CBIO 2223 Human Anatomy & Physiology II	150332	1		
Anatomy: DE-CBIO 2214 Human Anatomy & Physiology II (LEC/LAB)	150333	1		
BIOLOGY ELECTIVE IV - LOCALLY-INITIATED BIOLOGY ELECTIVE	150396	1		
BIOLOGY ELECTIVE III - LOCALLY-INITIATED BIOLOGY ELECTIVE	150397	1		
BIOLOGY ELECTIVE II (LOCALLY-INITIATED BIOLOGY ELECTIVE)	150398	1		
BIOLOGY ELECTIVE	150399	1		
CHEMISTRY	150401	1		
ALLIED HEALTH SCIENCE	155010	1		
BASIC BODY STRUCTURE AND FUNCTION	155020	1		
BASIC PHYSICS WITH APPLICATIONS	155030	1		
FOOD SCIENCE	155040	1		
FORENSIC SCIENCE	155050	1		
GEOMETRY	160323	1		

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FINANCIAL LITERACY (formerly Financial Math)	160345	1		
TECHNICAL MATH	165010	1		
JR. ROTC III	170003	1		
JR. ROTC IV	170004	1		
LAW STUDIES	220506	1		
PSYCHOLOGY	222001	1		
Industrial and Plant Safety	311921	1	✓	
Introduction to Hazardous Materials	311922	1	✓	
Workplace Safety (1 Credit)	311923	1	✓	
Workplace Safety (2 Credit)	311924	2	✓	
LCTCS course(s) that generate Dual Enrollment credit aligned with approved pathway courses				

\*- Courses that count towards an academic requirement cannot also count towards the requirement of 9 Carnegie credits for a graduation pathway.  
 Note: *course codes beginning with "01", "04", "07", "08", "09", "10", "11" or "31" are CTE courses that qualify for the basic 6% CTE adder payment.*

<b>Universal Jump Start Courses – these courses are part of every Jump Start graduation pathway</b>				
<b>Course Title</b>	<b>Course Code</b>	<b>Carnegie Credits</b>	<b>CTE 6%</b>	<b>CDF 6%</b>
Accounting	040101	1	☐	☐
Accounting II	040104	1	☐	☐
Entrepreneurship (Business)	040110	1	☐	
Word Processing	040203	1	☐	
Computer Technology Literacy	040220	1	☐	
Keyboarding	040225	½	☐	
Keyboarding Applications	040226	½	☐	
Keyboarding	040229	1	☐	
Business Law	040303	½	☐	
Business Communications	040305	1	☐	
Principles of Business	040306	1	☐	
Business Math*	040307	1	☐	
Business Computer Applications (BCA)	040400	1	☐	
Introduction to Business Computer Applications (IBCA)	040401	1	☐	
Customer Service	041001	1	☐	
Personal Finance	041022	½	☐	
Principles of Marketing I	041025	1	☐	
Principles of Marketing II	041026	1	☐	
Entrepreneurship - Marketing	041040	1	☐	
Entrepreneurship II - Advanced Micro-Enterprise Credentials	041041	1	☐	☐
JAG III	042030	1	☐	☐

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JAG IV	042040	1	☐	☐
Speech I	051101	1		
Speech II	051102	1		
Career Success Skills	080407	1	☐	
Principles of Finance	080670	½	☐	
Entrepreneurship (NAF)	080685	½	☐	
Managerial Accounting	080691	½	☐	
Customer Service	080720	½	☐	
Assistive Technology for the Visually Impaired	080900	1		
Business Enterprises for the Visually Impaired	080901	1		
Braille I	080902	1		
Braille II	080903	1		
First Responder	090710	½	☐	
First Responder	090711	1	☐	
First Responder	090712	2	☐	
Technical Writing* [ <i>TOPS Tech-qualifying English course</i> ]	120350	1		
AMERICAN SIGN LANGUAGE I	123456	1		
AMERICAN SIGN LANGUAGE II	123457	1		
Technical Reading and Writing* (NOT a TOPS Tech-qualifying course)	125010	1		
Business Communications	125030	1		
Financial Literacy (formerly Financial Mathematics)*	160345	1		
Technical Math*	165010	1		
JR ROTC III	170003	1		

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JR ROTC IV	170004	1		
Law Studies	220506	1		
Industrial and Plant Safety	311921	1	☐	
Introduction to Hazardous Materials	311922	1	☐	
Workplace Safety (1 credit)	311923	1	☐	
Workplace Safety (2 credits)	311924	1	☐	
Financial Literacy (formerly Financial Mathematics) <b>INACTIVE COURSE CODE</b>	040304	Please use course code 160345 for this course		

\*- Courses that count towards an academic requirement cannot also count towards the requirement of 9 Carnegie credits for a graduation pathway.

Note: course codes beginning with "01", "04", "07", "08", "09", "10", "11" or "31" are CTE courses that qualify for the basic 6% CTE adder payment.



**Career Readiness Courses – these courses are part of every Jump Start pathway**

These courses all qualify as Career Readiness courses. Every Jump Start student must take a minimum of one Carnegie credit of Career Readiness courses.

There is no limit on the number of Career Readiness course credits a student may apply to the 9 CTE course credit requirement for the Jump Start Career Diploma.

**Career Readiness courses are universal courses – they apply to every Jump Start graduation pathway.**

Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
AgriScience I*	010301	1	☐	
Career Readiness Agriscience Agribusiness Natural Resources	010331	1	☐	
JAG I	042010	1	☐	☐
JAG II	042020	1	☐	☐
Education for Careers	080400	½	☐	
Education for Careers	080401	1	☐	
Journey to Careers Part 1	080402	½	☐	
Journey to Careers	080403	1	☐	
Journey to Careers Part 2	080404	½	☐	
Education for Careers Part I	080405	½	☐	
Education for Careers Part II	080406	½	☐	
Basic Career Readiness	080409	1	☐	
Advanced Career Readiness (including regionally-developed Career Readiness Courses)	080410	1	☐	

\*- Courses that count towards an academic requirement cannot also count towards the requirement of 9 Carnegie credits for a graduation pathway.

Note: course codes beginning with "01", "04", "07", "08", "09", "10", "11" or "31" are CTE courses that qualify for the basic 6% CTE adder payment.

**Internships, Cooperative Courses and Virtual Workplace Experience Courses**

*Cooperative courses, Virtual Workplace Experience courses, Pre-Apprenticeship and Internships (with the exception of Non-CTE Internships) are universal courses - they apply to every Jump Start graduation pathway.*

**Internships**

There are three types of internships:

- 1) **CDF-Qualifying Internships** where students are placed in a company that operates in one of the WIC-approved high-demand industry sectors. CDF-Qualifying Internships qualify for *both* the 6% MFP adder paid for all CTE courses *and* the 6% Career Development Fund (CDF) adder;
- 2) **CTE Internships** where students are placed in a company that operates in any other industry sectors. CTE Internships qualify *only* for the 6% MFP adder for all CTE courses; and
- 3) **Non-CTE internships** where students are placed in a non-business internship. Non-CTE Internships do not qualify for any MFP adder. Examples of Non-CTE Internships include internships at a school office, a volunteer organization or a religious organization. **Non-CTE Internships are not part of any Jump Start graduation pathway.**

**WIC-Approved High-Demand Industry Sectors**

Internships that qualify for the 6% CDF payment must be in a WIC-approved high-demand industry sector.

<ul style="list-style-type: none"> <li>• Automotive Service/Repair</li> <li>• Construction Crafts</li> <li>• Culinary (<u>only</u> for students pursuing the statewide ProStart/ SafeServ credentials)</li> </ul>	<ul style="list-style-type: none"> <li>• Healthcare</li> <li>• HVAC</li> <li>• Information Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Manufacturing</li> <li>• Pharmacy</li> <li>• Transportation and Logistics</li> </ul>
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<b>Internships</b>				
Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
CDF-Qualifying CTE Internship I (2 CREDITS)	080200	1	☐	☐
CDF-Qualifying CTE Internship II (2 CREDITS)	080201	2	☐	☐
CDF-Qualifying CTE Internship I (1 CREDIT)	080202	1	☐	☐
CDF-Qualifying CTE Internship II (1 CREDIT)	080203	2	☐	☐
CTE Internship I (1 credit; Non-CDF)	110402	1	☐	
CTE Internship I (2 credits; Non-CDF)	110403	2	☐	
CTE Internship II (1 credit; Non-CDF)	110404	1	☐	
CTE Internship II (2 credits; Non-CDF)	110405	2	☐	
<b>Non-CTE Internships are <u>not</u> part of any Jump Start graduation pathway.</b>				
Non-CTE Internship I	400200	1		
Non-CTE Internship I	400210	2		
Non-CTE Internship II	400220	2		
Non-CTE Internship II	400230	1		

<b>Virtual Workplace Experience Courses approved for 2016-2017</b>				
Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
Virtual Workplace Experience I	080204	½	☐	
Virtual Workplace Experience I	080205	1	☐	
Virtual Workplace Experience II	080206	½	☐	
Virtual Workplace Experience II	080207	1	☐	
Authentic Workplace Experience	080212	1	☐	

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<b>Cooperative Courses</b>				
Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
Cooperative AgriScience Education I	010323	3	☐	
Cooperative AgriScience Education II	010325	3	☐	
Cooperative Office Education	040205	3	☐	
Cooperative Marketing Education I	041010	3	☐	
Cooperative Marketing Education II	041011	3	☐	
General Cooperative Education I	080300	3	☐	
General Cooperative Education II	080301	3	☐	
Cooperative Health Occupations	090004	3	☐	
Cooperative Family and Consumer Services	100800	3	☐	
Cooperative Technology Education	110098	3	☐	

<b>Pre-Apprenticeship Courses</b>				
Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
Pre-Apprenticeship I (2 credits)	080208	2	☐	
Pre-Apprenticeship II (2 credits)	080209	2	☐	
Pre-Apprenticeship I (1 credit)	080210	1	☐	
Pre-Apprenticeship II (1 credit)	080211	1	☐	

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<b>CDF-Qualifying Pre-Apprenticeship Courses</b>				
<b>Course Title</b>	<b>Course Code</b>	<b>Carnegie Credits</b>	<b>CTE 6%</b>	<b>CDF 6%</b>
CDF-QUALIFYING PRE-APPRENTICESHIP I (1 CREDIT)	080230	1	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP I (2 CREDITS)	080231	2	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP II (1 CREDIT)	080233	1	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP II (2 CREDITS)	080234	2	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP III (1 CREDIT)	080236	1	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP III (2 CREDITS)	080237	2	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP IV (1 CREDIT)	080239	1	☐	☐
CDF-QUALIFYING PRE-APPRENTICESHIP IV (2 CREDITS)	080240	2	☐	☐

<b>Culminating Credential(s)</b>
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<b>Statewide Credentials</b>
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Culminating Credentials/ Certifying Agencies	<p><b><u>ADVANCED:</u></b></p> <ol style="list-style-type: none"> <li>1) Expanded Duty Dental Assistant (EDDA) – Louisiana State Board of Dentistry</li> <li>2) Certified Clinical Medical Assistant (CCMA) – National Health Career Association (NHA)</li> <li style="text-align: center;">or</li> <li>3) Attain a Louisiana post-secondary institution Technical Diploma (TD) or above aligned with this pathway</li> </ol>	<p><b><u>BASIC:</u></b></p> <ol style="list-style-type: none"> <li>1) Certified Nurse Aide – Louisiana Department of Health and Hospitals – Health Standards section</li> <li>2) Emergency Medical Technician – Louisiana Department of Health – Emergency Medical Services section</li> <li>3) Emergency Medical Responder – Louisiana Department of Health – Emergency Medical Services section</li> <li>4) Certified Patient Care Technician / Assistance – National Health Career Association</li> <li>5) Dental Assistant – National Occupational Competency Testing Institute (NOCTI)</li> </ol> <p>note: obsolete Medical Coder certification unused for years, removed</p> <p>OR</p> <ol style="list-style-type: none"> <li>6) Attain a Louisiana post-secondary institution Certificate of Technical Studies (CTS) aligned with this pathway</li> </ol>
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<b>Regional Credentials</b>
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Culminating Credential(s) / Certifying Industry Agency(ies)	<p><b><u>Core Credentials: students must attain one credential from the list below:</u></b></p> <ol style="list-style-type: none"> <li>1) Regional Micro-Enterprise Credential (Baton Rouge Area Chamber; BRAC)</li> <li>2) National Certified Insurance and Coding Specialist (NCICS) – National Center for Competency Testing</li> <li>3) ServSafe Manager Certification – NRA (National Restaurant Association)</li> <li>4) Certified Coding Associate (CCA®) – The American Health Information Management Association (AHIMA)</li> </ol> <p><b><u>Complementary Credentials: students must attain two credentials from the list below:</u></b></p> <p><b><u>Recommended Safety Complementary Credentials</u></b></p> <ol style="list-style-type: none"> <li>1) Basic Safety Orientation - Association of Reciprocal Safety Councils</li> <li>2) First Aid for Students Certification – American Red Cross, American Heart Association, National Safety Council or approved equivalent or approved equivalent*</li> </ol>
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	<p>3) OSHA 10 – General Industry - OSHA Certificate of Completion</p> <p>4) OSHA 10 – Construction - OSHA Certificate of Completion</p> <p>* - Jump Start policy is flexible in recognizing all legitimate First Aid programs. Currently-approved First aid for Student Certification include American Red Cross, American Heart Association and 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, CPR and AED only, or a comprehensive combination of First Aid, CPR and AED.</p> <p><b>Recommended Computer Literacy Complementary Credentials</b></p> <p>5) Internet and Computing Core Certification (IC<sup>3</sup>) – Certiport</p> <p>6) Microsoft Office Specialist Excel – Microsoft and Certiport</p> <p>7) Microsoft Office Specialist PowerPoint – Microsoft and Certiport</p> <p>8) Microsoft Office Specialist Word – Microsoft and Certiport</p> <p><b>Other Recommended Complementary Credentials</b></p> <p>9) Certified Guest Service Professional - American Hospitality &amp; Lodging Association</p> <p>10) Customer Service and Sales – National Retail Federation</p> <p>11) National Career Readiness Certificate WorkKeys Silver, Gold or Platinum - ACT</p> <p>12) Complementary Micro-Enterprise Credential - BRAC (may not be used in conjunction with Regional Micro-Enterprise Credential)</p> <p><b>Additional Approved (But Not Recommended) Complementary Credentials</b></p> <p>none</p>
Credentials No Longer Authorized for this Pathway	<p><b>Complementary Credentials No Longer Approved for this Pathway</b></p> <ul style="list-style-type: none"> <li>• OSHA 7200 – Blood-Borne Pathogens</li> </ul> <p>See the Jump Start Policy Regarding OSHA Courses / Credentials (available for download from the Jump Start website) for additional details</p>

<b>Pathway</b>	<b>Health Sciences - Patient Care and Management</b>
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<b>Sample Schedule</b>
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Each schedule is *only one example* of how a student can meet the requirements of this pathway and graduate on time with the required culminating credential(s).

Each high school will develop its own standard schedules for Jump Start students based on the courses available to its students (in school, at the local technical college, or via Course Choice).

<b>Sample Schedule – Statewide Credential</b>			
<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Algebra I English I Physical Science Civics Physical Education I <i>Journey to Careers</i> <i>Introduction to Business Computer Applications</i>	Geometry English II Biology U. S. History Physical Education II / Health <i>Medical Terminology</i> <i>Speech I</i>	Math Essentials English III <i>First Responder</i> <i>Introduction to Health Occupations</i> <i>Introduction to Health Care Information Systems</i> <i>Elective Course</i> <i>Elective Course</i>	Financial Literacy English IV <i>Emergency Medical Technology Basic (2 credits)</i> <i>Elective Course</i> <i>Elective Course</i> <i>Elective Course</i>
7 credits	7 credits	7 credits	7 credits
Credentials Earned by this Hypothetical Student	EMT Basic – Louisiana Department of Health and Hospitals – Emergency Medical Services section		
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b>			



<b>Pathway</b>	<b>Health Sciences - Patient Care and Management</b>
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<b>Sample Schedule – Medical Registration Specialist Statewide Pathway (BLOCK SCHEDULE – 8 credits per year)</b>			
<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Algebra I English I Physical Science Civics Physical Education I <i>Journey to Careers</i> <i>Elective Course</i> <i>Elective Course</i>	Geometry English II Biology U. S. History Physical Education II <i>First Responder</i> <i>Elective Course</i> <i>Elective Course</i>	Math Essentials English III <i>Career Success Skills (DE)</i> <i>Survey of Computer Applications (DE)</i> <i>Medical Terminology (DE)</i> <i>Information Management for Allied Health Professionals (DE)</i> <i>Business Communications (DE)</i> <i>Elective Course</i>	Financial Literac English IV <i>Medical Registration Procedures (DE)</i> <i>Keyboarding (DE)</i> CTE Internship <i>Elective Course</i> <i>Elective Course</i> <i>Elective Course</i>
8 credits	8 credits	8 credits	8 credits
Credential Earned by this Hypothetical Student	Certificate of Technical Studies from Delgado Community College		
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b>			

<b>Pathway</b>	<b>Health Sciences - Patient Care and Management</b>
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<b>Sample Schedule – Medical Coding Regional Pathway (BLOCK SCHEDULE – 8 credits per year)</b>			
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I English I Physical Science Civics Physical Education I <i>Journey to Careers</i> <i>Customer Service</i> <i>Elective Course</i>	Geometry English II Biology U. S. History Physical Education II <i>First Responder</i> <i>Business Computer Applications</i> <i>Elective Course</i>	Math Essentials English III <i>Medical Terminology</i> <i>Health Science I</i> <i>Introduction to Health Care Information Systems</i> <i>Medical Coding I</i> <i>Elective Course</i> <i>Elective Course</i>	Financial Literacy English IV <i>Medical Coding II</i> CTE Internship <i>Elective Course</i> <i>Elective Course</i> Elective Course <i>Elective Course</i>
8 credits	8 credits	8 credits	8 credits
Credential Earned by this Hypothetical Student	Core Credential		Complementary Credentials
	National Certified Insurance and Coding Specialist (NCICS) – National Center for Competency Testing		1) Customer Service - NRF 2) Microsoft Office Specialist
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b>			

***Every Pathway Can be Adapted for Students Meeting the April Dunn Act Eligibility Criteria***

***Every Jump Start graduation pathway can be adapted for students with disabilities who meet the April Dunn Act eligibility criteria.*** Students must complete nine credits of CTE courses from the courses listed in the pathway. The IEP team has the authority to determine the credentialing level a student must achieve for the purposes of graduation (analogous to using individual performance criteria to meet EOC requirements for the purposes of graduation).

IEP teams with questions about how to adapt this graduation pathway for their student should contact [JumpStart@la.gov](mailto:JumpStart@la.gov)