

# Internet Web Foundations

<b>Statewide Pathway</b>	<p>The Internet Web Foundations graduation pathway is a Statewide 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); and</li> <li>3) attain one statewide credential (or the LCTCS equivalent certificate / diploma).</li> </ol>
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High-Demand Careers Related to this Pathway	<p>5 Star: Network &amp; Computer Systems Administrators; Computer &amp; Information Systems Managers; General &amp; Operations Managers; Software Developers</p> <p>4 Star: Graphic Designers</p>
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Starting Salary Ranges for this Pathway	\$16,000 - \$53,000
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## Internet Web Foundations Graduation Pathway: Sections

1	<b>Pathway-Specific Courses</b>	<p>This section lists the course titles and codes for courses specific to this pathway</p> <p>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.</p>
2	<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
3	<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.
4	<b>Internships</b>	This section indicates the three types of internships and the appropriate course codes.
5	<b>Culminating Credentials</b>	This section indicates the required culminating credential(s) for this pathway.
6	<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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<b>Jump Start Graduation Pathway Revision Policy</b>
<p>Jump Start graduation pathways are continuously updated. Please use the most updated graduation pathways.</p> <p><b>Future changes to Jump Start graduation pathways will always <u>increase</u> student opportunities. <i>No one will ever need to compare an old pathway with an updated pathway.</i></b></p> <p>Please send any recommended graduation pathway changes to <a href="mailto:JumpStart@la.gov">JumpStart@la.gov</a> using the subject line: <i>Recommended Graduation Pathway Change.</i></p> <p>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.</p> <p>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."</p> <p>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 <i>All Things Jump Start</i> 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.</p> <p><b><i>Louisiana educators can seek assistance with Jump Start graduation pathways at any time by emailing their questions to <a href="mailto:JumpStart@la.gov">JumpStart@la.gov</a></i></b></p>

<b>Help Resources</b>
<p>Please see the updated <i>All Things Jump Start</i> web portal: <a href="http://www.louisianabelieves.com/courses/all-things-jump-start/">http://www.louisianabelieves.com/courses/all-things-jump-start/</a> The updated portal provides easier access to:</p> <ul style="list-style-type: none"> <li>• updated Jump Start graduation pathways;</li> <li>• updated industry credential fact sheets that provide comprehensive details on over 100 Jump Start industry credentials;</li> <li>• guidance on how your school can implement workplace internships and virtual workplace experiences; <i>and much, much more.</i></li> </ul>

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<b>Pathway-Specific Courses: Internet Web Foundations</b>				
Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
3D Animation Foundations I	061132	1		
Advanced Mathematics – Engineering and Science	TBD	1		
Agriscience-Leadership Development	040101	1	✓	
Agriscience - Leadership	040104	1	✓	
AP Computer Science A	061175	1	✓	
AP Computer Science AB	061776	1	✓	
Basic Coding I	090500	1	✓	
Basic Coding II	090510	1	✓	
Basic Electricity I	310400	1	✓	
Basic Electricity I	310402	2	✓	
Basic Electricity I	310403	3	✓	
Business in a Global Economy	080660	½	✓	
Chemistry*	150401	1		
CIW Database Design	080505	1	✓	✓
CIW E-Commerce Site Design & Development	040519	1	✓	✓
CIW Essentials of Web Design	040517	1	✓	✓
CIW Internet Business	040405	1	✓	✓
CIW Introduction to JAVA Script	061125	1	✓	✓
CIW Networking Security	061121	1	✓	✓
CIW Networking Technology	061120	1	✓	✓
CIW Perl Fundamentals	061126	1	✓	✓

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CIW Website Development	040415	1	✓	✓
CompTIA A+	061130	1	✓	✓
CompTIA Network	061122	1	✓	✓
CompTIA + Programming with PL/SQL	061127	1	✓	✓
Computer Applications	061110	1		
Computer Architecture	061111	1	✓	
Computer Electronics I	310800	1	✓	
Computer Electronics I	310802	2	✓	
Computer Electronics I	310803	3	✓	
Computer Electronics II	310805	1	✓	
Computer Electronics II	310812	2	✓	
Computer Electronics II	310813	3	✓	
Computer Integrated Manufacturing	110850	1	✓	
Computer Multimedia Presentations	040106	1	✓	
Computer Multimedia Presentations	040206	½	✓	
Computer Science I	061102	1	✓	
Computer Science II	061103	1	✓	
Computer Science & Software Engineering (using Comp Sci Elective course code)	061199	1		
Computer Service Technology I	310818	1	✓	
Computer Service Technology I	310820	2	✓	
Computer Service Technology I	310821	3	✓	
Computer Service Technology II	310819	1	✓	
Computer Service Technology II	310822	2	✓	

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Computer Service Technology II	310823	3	✓	
Computer Systems/Networking I	061112	1	✓	
Computer System Networking II	061136	1	✓	
Computer Systems	080850	½	✓	
Cooperative Office Education	040205	3	✓	
Cyber Literacy	040213	1	✓	
Cyber Literacy II	TBD	1	✓	
Cyber Science	040214	1	✓	
Cyber Society	TBD	1	✓	
Database Design	080840	½	✓	
Database Design and Programming	080501	1	✓	
Desktop Publishing	040207	1	✓	
Digital Electronics	110820	1	✓	
Digital Graphics	061115	1	✓	
Digital Media I	080800	1	✓	
Digital Media I	080802	2	✓	
Digital Media I	080803	3	✓	
Digital Media II	080805	1	✓	
Digital Media II	080812	2	✓	
Digital Media II	080813	3	✓	
Engineering & Design I: Intro to STEM Careers	080110	1	✓	
Engineering & Design II: STEM & Industrial Problem Solving	080120	1	✓	
Engineering Design (& Product) Development	110860	1	✓	

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Game Programming Foundations I	061131	1		
General Technology	110010	1	✓	
Geometry*	160323	1		
Graphic Arts I	311600	1	✓	
Graphic Arts I	311602	2	✓	
Graphic Arts I	311603	3	✓	
Graphic Arts II	311605	1	✓	
Graphic Arts II	311612	2	✓	
Graphic Arts II	311613	3	✓	
Graphic Arts III	311614	1	✓	
Graphic Arts III	311615	2	✓	
Graphic Arts III	311616	3	✓	
Graphic Arts IV	311617	1	✓	
Graphic Arts IV	311618	2	✓	
Graphic Arts IV	311619	3	✓	
Independent Study in Technology Applications I	061118	1	✓	
Independent Study in Technology Applications I	061119	2	✓	
Independent Study in Technology Applications II	061123	1	✓	
Independent Study in Technology Applications II	061124	2	✓	
Interactive Media I	080814	1	✓	
Interactive Media II	080815	1	✓	
Introduction to Computer Science	TBD	1	✓	
Introduction to Engineering Design	110800	1	✓	

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Introduction to Programming	080860	½	✓	
LCTCS course(s) that generate Dual Enrollment credit aligned with approved pathway courses				
Multimedia Productions	061116	1	✓	
Networking Basics	310850	2	✓	
Networking Basics	310851	3	✓	
Physics*	150100	1		
Physics II*	150701	1		
Printing I	312600	1	✓	
Principles of Engineering	110810	1	✓	
Principles of Information Technology	080810	½	✓	
Principles of Visual Design	tbd	1	✓	
Publications I (Yearbook)	050603	1	✓	
Publications II (Yearbook)	050604	1	✓	
Robotics-Advanced	150730	1	✓	
Robotics-Beginning	150723	1	✓	
Robotics-Intermediate	150729	1	✓	
Routers and Routing Basics	310852	2	✓	
Routers and Routing Basics	310853	3	✓	
Switching Basics and Intermediate Routing	310854	2	✓	
Switching Basics and Intermediate Routing	310854	2	✓	
WAN Technologies	310856	2	✓	
WAN Technologies	310857	3	✓	
Web Design	040210	½	✓	

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Web Design	040211	1	✓	
Web Design II	080830	½	✓	
Web Design II	040212	1	✓	
Web Mastering	061117	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.*

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**Universal Jump Start Courses – these courses are part of every Jump Start graduation pathway**

Course Title	Course Code	Carnegie Credits	CTE 6%	CDF 6%
Accounting	040101	1	✓	
Accounting II	040104	1	✓	
Assistive Technology for the Visually Impaired	080900	1		
Braille I	080902	1		
Braille II	080903	1		
Business Communications	040305	1	✓	
Business Communications	125030	1		
Business Computer Applications (BCA)	040400	1	✓	
Business Enterprises for the Visually Impaired	080901	1		
Business Law	040303	½	✓	
Business Math*	040307	1	✓	
Career Success Skills	080407	1	✓	
Computer Technology Literacy	040220	1	✓	
Customer Service	080720	½	✓	
Customer Service	041001	1	✓	
Entrepreneurship (Business)	040110	1	✓	
Entrepreneurship	041040	1	✓	
Entrepreneurship II	041041	1	✓	
Entrepreneurship (NAF)	080685	½	✓	
Financial Literacy (formerly Financial Mathematics) <b>INACTIVE COURSE CODE</b>	<del>040304</del>	Please use course code 160345 for this course		
Financial Literacy (formerly Financial Mathematics)*	160345	1		

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First Responder	090710	½	✓	
First Responder	090711	1	✓	
First Responder	090712	2	✓	
Introduction to Business Computer Applications (IBCA)	040401	1	✓	
JAG III	042030	1	✓	
JAG IV	042040	1	✓	
JR ROTC III	170003	1		
JR ROTC IV	170004	1		
Keyboarding	040229	1	✓	
Keyboarding	040225	½	✓	
Keyboarding Applications	040226	½	✓	
Law Studies	220506	1		
Managerial Accounting	080691	½	✓	
Personal Finance	041022	½	✓	
Principles of Business	040306	1	✓	
Principles of Finance	080670	1	✓	
Principles of Marketing I	041025	1	✓	
Principles of Marketing II	041026	1	✓	
Speech I	051101	1		
Speech II	051102	1		
Technical Math*	165010	1		
Technical Reading and Writing* (NOT a TOPS Tech-qualifying course)	125010	1		
Technical Writing* [TOPS Tech-qualifying English course]	120350	1		

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Word Processing	040203	1	✓	
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\*- Courses that count towards an academic requirement cannot also count towards the requirement of 9 Carnegie credits for a graduation pathway.

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## Career Readiness Courses

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%
Advanced Career Readiness (including regionally-developed Career Readiness Courses)	080410	1	✓	
AgriScience I (Career Readiness)*	010301	1	✓	
Basic Career Readiness	080409	1	✓	
Education for Careers	080400	½	✓	
Education for Careers	080401	1	✓	
Education for Careers Part I	080405	½	✓	
Education for Careers Part II	080406	½	✓	
JAG I	042010	1	✓	
JAG II	042020	1	✓	
Journey to Careers (Career Readiness)	080403	1	✓	
Journey to Careers Part 1 (Career Readiness)	080402	½	✓	
Journey to Careers Part 2 (Career Readiness)	080404	½	✓	

\*- 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.*

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

**Cooperative courses, Virtual Workplace Experience courses 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 (<b><u>only</u></b> 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	080202	1	✓	✓
CDF-Qualifying CTE Internship I	080200	2	✓	✓
CDF-Qualifying CTE Internship II	080203	1	✓	✓
CDF-Qualifying CTE Internship II	080201	2	✓	✓
CTE Internship I	110402	1	✓	
CTE Internship I	110403	2	✓	
CTE Internship II	110404	1	✓	
CTE Internship II	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	✓	

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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 Family and Consumer Services	100800	3	✓	
Cooperative Health Occupations	090004	3	✓	
Cooperative Marketing Education I	041010	3	✓	
Cooperative Marketing Education II	041011	3	✓	
Cooperative Office Education	040205	3	✓	
Cooperative Technology Education	110098	3	✓	
General Cooperative Education I	080300	3	✓	
General Cooperative Education I	080300	3	✓	

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<b>Culminating Credential(s)</b>
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To graduate using a Statewide graduation pathway students must attain only the Statewide credential (which is approved by the Workforce Investment Council) or the equivalent LCTCS Certificate of Technical Studies / Technical Diploma.

- Students who graduate with a Basic Statewide credential earn their school 110 accountability points.
- Students who graduate with an Advanced Statewide credential earn their school 150 accountability points.

Culminating Credential(s) / Certifying Industry Agency(ies)	<p><b><u>ADVANCED:</u></b></p> <ol style="list-style-type: none"> <li>1) <a href="#">CIW Web Foundations Associate</a></li> <li>2) <a href="#">CIW Web Design Professional</a></li> <li>3) <a href="#">CIW Web Development Professional</a></li> <li>4) <a href="#">CIW Web Security Professional</a></li> </ol> <p style="text-align: center;">OR</p> <ol style="list-style-type: none"> <li>5) 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) <a href="#">CIW Internet Business Associate (associated with Web Foundations)</a></li> <li>2) <a href="#">CIW Site Development Associate (associated with Web Foundations)</a></li> <li>3) <a href="#">CIW Network Technology Associate (associated with Web Foundations)</a></li> <li>4) <a href="#">CIW Web Design Specialist (associated with Web Design Professional)</a></li> <li>5) <a href="#">CIW E-Commerce Specialist (associated with Web Design Professional)</a></li> <li>6) <a href="#">CIW JavaScript Specialist (associated with Web Development Professional)</a></li> <li>7) <a href="#">CIW Database Design Specialist (associated with Web Development Professional)</a></li> <li>8) <a href="#">CIW Perl Specialist (associated with Web Development Professional)</a></li> <li>9) <a href="#">CIW Web Security Associate (Web Security Professional)</a></li> <li>10) <a href="#">CIW Web Security Specialist (Web Security Professional)</a></li> </ol> <p style="text-align: center;">OR</p> <ol style="list-style-type: none"> <li>11) Attain a Louisiana post-secondary institution Certificate of Technical Studies (CTS) aligned with this pathway</li> </ol>
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## Sample Schedule

This 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).

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I English I Environmental Science Civics <b><i>IBCA</i></b> <b><i>Journey to Careers</i></b> Physical Education I	Business Math English II Biology <b><i>BCA</i></b> <b><i>Computer Technology Literacy</i></b> Physical Education II / Health <i>Elective Course</i>	Financial Literacy English III U.S. History <b><i>CIW Internet Business</i></b> <b><i>CIW Website Development</i></b> <i>Elective Course</i> <i>Elective Course</i>	Math Essentials Business English <b><i>CIW Database Design</i></b> <b><i>Web Design I</i></b> <b><i>CTE Internship (1 credit)</i></b> <i>Elective Course</i> <i>Elective Course</i>
7 credits	7 credits	7 credits	7 credits
Credential Earned by this Hypothetical Student	CIW Web Foundations Associate		
<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 Act 833 (2014) Eligibility Criteria***

***Every Jump Start graduation pathway can be adapted for students with disabilities who meet Act 833 (2014) 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)