Information Technology

Calcasieu Parish

Career & Technical Education

- Career Tree
- Programs of Study
- Jump Start 2.0 Pathway Courses and Certification
- Local Business Opportunities
- Louisiana Colleges/Universities with Programs related to field
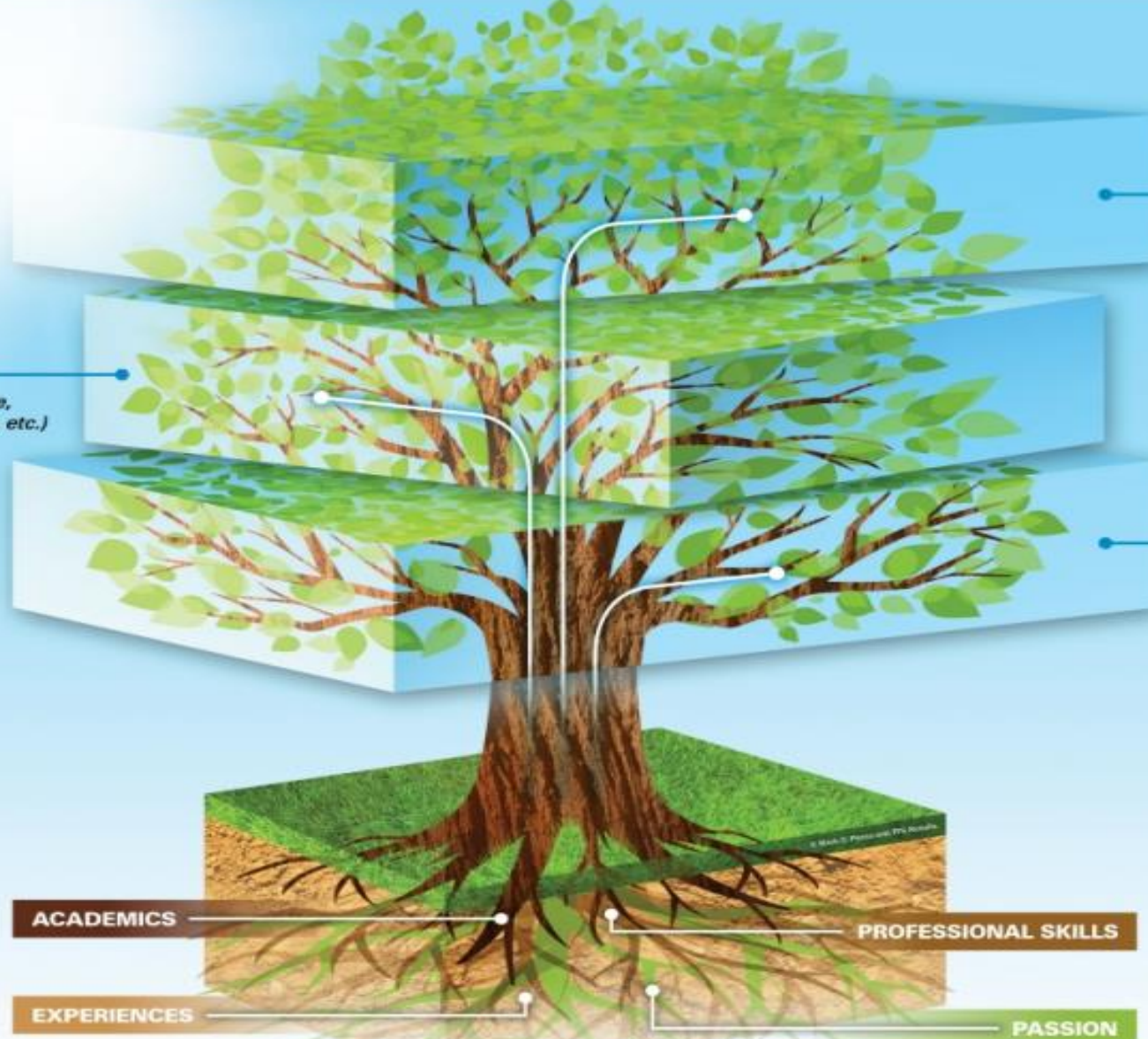- Additional Resources

EDUCATION WITH PURPOSE

CAREER TREE

CALCASIEU PARISH SCHOOL BOARD
CAREER AND TECHNICAL EDUCATION

PROFESSIONAL CAREERS
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Senior Graphic Designer
- Commercial and Industrial Designer
- Software Developer
- Interior Designer
- Animator
- E-Business Application Administrator
- Database Analyst
- Web and Digital Interface Designer
- Video Game Developer
- Project Manager
- IT Manager
- Computer Network Architect

TECHNICAL CAREERS
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Print Production Artist
- Web Designer
- UI/XU Designer
- Character Artist
- In-House Artist
- Internet Technician
- Video Game Designer
- Print Production Manager
- Network Support Specialist
- Database Manager
- Computer Programmer
- Logo Designer

ENTRY-LEVEL CAREERS
(with Program Completion)

- Printing Press Operator
- Freelance Graphic Designer
- Entry-Level UX Designer
- Design Assistant
- T-shirt Designer
- Print/Page Layout
- Customer Support
- Multimedia Specialist
- Computer Assistant/Technician
- Sign Designer
- Programmer/Junior Programmer
- Database Administrator

ACADEMICS

PROFESSIONAL SKILLS

EXPERIENCES

PASSION

INFORMATION TECHNOLOGY

tfs RESULTS

Program of Study:

As an information technology (IT) major, you'll study computer science, business, and communications. Along the way, you might focus on one specialty such as web development or digital communications. But regardless of your focus, you'll acquire strong technical and communication skills.

Program of Study:
Information Technology

CAREER READINESS

Agriscience I (010301)
JAG I & II (042010 & 042020) *****
Quest for Success (080411)
ROTC III & ROTC IV (170003 & 170004)

UNIVERSAL COURSES

Accounting I (040101)
Business Computer Applications (040400)
CDF Qualifying Internship I (1 credit - 080202)
CDF Qualifying Internship I (2 credit - 080200)
CDF Qualifying Internship II (1 credit - 080203)
CDF Qualifying Internship II (2 credit - 080201)
Customer Service (041001)
Emergency Medical Responder (090711) **/**
Financial Literacy (160345)*
Foreign Language I
Foreign Language II
Intro to Business Computer Applications (040401)
Law Studies (220506)***
NCCER Core (311720) **/**
Personal Finance (041022)
Principles of Business (040306)
Speech I (051101)
Technical Writing (120350)
Virtual Workplace Experience I (080205)**
Virtual Workplace Experience II (080207)**

Jump Start 2.0 Pathway Courses and Certification:
Information Technology

Available at: *College Street Vocational Center, Sulphur and Westlake T&I*

Advanced Credential *150 SPS Points* *Rigor Level 3*	Adobe Certified Expert - Dreamweaver
Basic State Credential *110 SPS Points* *Rigor Level 2*	Adobe Certified Associate: After Effects, Animate, Dreamweaver, Illustrator, InDesign, Photoshop, Premier Pro IT Fundamentals
Regional State Credential *100 SPS Points* *Rigor Level 1*	MOS Specialist: Access, Word, PowerPoint AND Excel

PATHWAY CREDITS

Computer Tech Literacy (040220)
Digital Media I (080800)**
Digital Media II (080805)**
Geometry (160323)*
Intro to Remote Controlled Vehicles (110795)**
Intro to Social Media (080818)**
Multimedia Productions (061116)
Television Production I (2 Credits – 312802)/****
Television Production II (2 Credits – 312812)/****
Web Design I (040211)**
Web Design II (040212)**

* Courses taken for core requirements cannot be used for pathway credits.
** Course offered at College Street or Westlake T&I
*** Course offered at Washington Marion
**** Course offered at Sulphur High
***** Course offered at Sulphur, Barbe, Vinton & DeQuincy

CPSB Course Offerings: https://www.cpsb.org/Page/10035

Information Technology Specialist – Internal Revenue Services

Instructor: Information System Technology – Center of Minority Excellence

Information Technology Specialist – US Secretary of Treasury

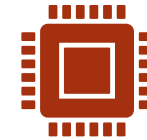Information System Application Analyst – LC Memorial Health System

Technical Support Specialist – LyondellBasell Industries

Support Analyst – Bechtel Corporation

Cybersecurity – Department of Energy

Computer Field Technician - CPSB

Public & Private Colleges

- Centenary College
- Dillard University
- Grambling State University
- Louisiana State University and A&M College- Baton Rouge
- Louisiana State University- Alexandria, Eunice, Shreveport and Online
- Louisiana College
- Louisiana Tech University
- Loyola University
- McNeese State University
- Nicholls State University
- Northwestern State University of Louisiana
- Southeastern Louisiana University
- Southern University and A&M College- Baton Rouge
- Southern University- New Orleans and Shreveport
- Tulane University
- University of Holy Cross
- University of Louisiana at Lafayette
- University of Louisiana at Monroe
- University of New Orleans
- Xavier University

Community & Technical Colleges

- Baton Rouge Community College
- Bossier Parish Community College
- Central Louisiana Technical
- Community College
- Delgado Community College
- Fletcher Technical Community College
- Louisiana Delta Community College

*Sowela Technical Community College

O*NET Online Career Cluster
https://www.onetonline.org/find/career?c=11

Career Clusters – Pathways to College & Career Readiness
https://cte.careertech.org/sites/default/files/CCFrame-IT.pdf

Career One Stop (video)
https://www.careeronestop.org/Videos/IndustryVideos/information-technology-overview.aspx

myFuture
https://myfuture.com/career/information-technology

Louisiana Believes: Jump Start Brief
https://www.louisianabelieves.com/docs/default-source/js-graduation-pathways/jump-start-2-0-pathways---information-technology.pdf?sfvrsn=d7ce981f_13