

LHS PATHWAYS

- ☐ Agriculture
- ☐ Arts, Media, and Entertainment
- ☐ Building and Construction Trades Sector
- ☐ Business and Finance
- ☐ Education, Child Development and Family Services
- ☐ Engineering and Architecture
- ☐ Fashion and Interior Design
- ☐ Health Science and Medical Technology
- ☐ Hospitality, Tourism, and Recreation
- ☐ Information and Communication Technologies
- ☐ Manufacturing and Product Development
- ☐ Marketing, Sales, and Services
- ☐ Public Services
- ☐ Transportation

*Not every class mentioned in this pathways resource will be available at LHS each year. For information on the current year's offerings, kindly reach out to your academic school counselor and consult our course catalog.

Agriculture

Agricultural Mechanics

Pathway 101

- **Introductory**- Construction Tech. A/B
- **Concentrator** - Ag.Welding A/B
- **Capstone** - Adv. Ag.Welding or Adv. Con Tech A/B

Agriscience

Pathway 102

- **Introductory** - Agriculture and Sustainable Biology A/B
- **Concentrator** - Agriculture and Soil Chemistry A/B
- **Capstone** - AIS for Sustainable Agriculture A/B

Ornamental Horticulture

Pathway 105

- **Concentrator** - History of Art and Floral Design A/B
- **Capstone** - Ornamental Horticulture

College and Career Preparedness

Pathway completion with a grade of C- or better in the capstone course PLUS one of the Additional Criteria below:

- Smarter Balanced Summative Assessment Scores:
 - Level 3 or higher in ELA and at least a Level 2 in mathematics, *or*
 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Arts, Media, and Entertainment

Design, Visual and Media Arts

Pathway 111

- **Capstone** - ROP Anima/Motion Graphics A/B *

Production & Managerial Arts

Pathway 113

- **Introductory** - Studio Video Broadcast
- **Concentrator** - Video 1-2
- **Capstone** - Video 3A/B

Game Design and Integration

Pathway 114

- **Introductory** - N/A
- **Concentrator** - N/A
- **Capstone** - ROP Video Game Art and Design A/B *

College and Career Preparedness

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Building & Construction Trades Sector



Residential &
Commercial
Construction

Pathway 123

- **Concentrator** - Construction Technology A/B
- **Capstone** - Adv Construction Technology A/B

College and Career Preparedness

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 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Business and Finance

Business Management

Pathway 182

- **Introductory** - Introduction to Business A/B
- **Concentrator** - Business Computer Apps A/B
- **Capstone** - Business Design & Marketing A/B or Business Law A/B

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 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Education, Child Development and Family Services

Child Development

Pathway 130

- **Concentrator** - ROP Developmental Psychology of Children I *
- **Capstone** - ROP Developmental Psychology of Children II *

College and Career Preparedness

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 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Engineering and Architecture

Engineering Design

Pathway 152

- **Introductory** - Introduction to Engineering Design A/B
- **Concentrator** - Engineering Physics A/B, PLTW Principles of Engineering Honors A *
- **Capstone** - PLTW Civil Engineering and Architecture A/B *

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Fashion and Interior Design

Fashion Design and Merchandising

Pathway 160

- **Introductory** - Fashion Design 1
- **Concentrator** - Fashion Design 2
- **Capstone** - N/A
- (This pathway is not offered for the 24-25 school year)

Interior Design

Pathway 161

- **Introductory** - N/A
- **Concentrator** - Interior Design 1
- **Capstone** - Interior Design 2 *
- (This pathway is not offered for the 24-25 school year)

College and Career Preparedness

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Health Science and Medical Technology



Patient Care

Pathway 198

- **Introductory** - N/A
- **Concentrator** - ROP Sports Medicine/Athletic Trainer *
A/B, ROP; Introduction to Health Careers A/B *
- **Capstone** - ROP Medical Occupation A/B, ROP *
- Nursing Careers A/B, ROP Sports Medicine 2 A/B

Biotechnology

Pathway 196

- **Introductory** - N/A
- **Concentrator** - ROP Principles of Biomedical Science
- **Capstone** - N/A

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 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Hospitality, Tourism, and Recreation

Food Service and Hospitality

Pathway 201

- **Introductory** - Foods/Healthy Living
- **Concentrator** - International Cuisine, Regional Cuisine
- **Capstone** - Culinary Arts 1/ 2 *

Hospitality, Tourism and Recreation

Pathway 202

- **Concentrator** - Hospitality Marketing A/B
- **Capstone** - Recreation & Event Management

*Not offered for 24-25 School Year

College and Career Preparedness

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 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Information and Communication Technologies



Networking

Pathway 172

- **Introductory** - N/A
- **Concentrator** - CTE IT Essentials A/B *
- **Capstone** - Internet Engineering (CCNA 1) A/B *;
Internet Engineering 2 (CCNA 2) A/B *
(this course will not offered for 24-25 School Year)

Software and Systems Development

Pathway 174

- **Introductory** - Introduction to Computer Programming
- **Capstone** - AP Computer Science A/B *

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 - Level 3 or higher in mathematics and at least a Level 2 in ELA
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Manufacturing and Product Development

Machine and Forming Technologies

Pathway 212

- **Introductory** - Machine Tools 1
- **Concentrator** - Machine Tools 2
- **Capstone** - Advanced Machine Tools 3 & 4

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Marketing, Sales, and Services

Marketing

Pathway 244

- **Introductory** - N/A
- **Concentrator** - ROP Integrated Marketing and Communications A/B *
- **Capstone** - ROP Economics of Business * Ownership A/B; Sports and Entertainment Marketing *

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Public Services

Public Safety

Pathway 232

- **Introductory** - N/A
- **Concentrator** - ROP Introduction to Criminal Justice A/B *
- **Capstone** - ROP Criminal Justice Academy A/B *

Emergency Response

Pathway 233

- **Introductory** - N/A
- **Concentrator** - N/A
- **Capstone** - ROP Emergency Medical Responder A/B *

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Transportation

Structural Repair and Refinishing

Pathway 220

- **Introductory** - N/A
- **Concentrator** - ROP Auto Body Repair A/B *
- **Capstone** - ROP Advanced Auto Body Repair A/B

Systems Diagnostics, Services and Repair

Pathway 221

- **Introductory** - N/A
- **Concentrator** -N/A
- **Capstone** - ROP Auto Technology A/B *

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