

New Graduation Plans for Freshmen 2013-2014

The current freshmen class (and all those below) will graduate under the new House Bill 5 Plan. The following slides outline the plans. Students will complete the following list of courses and choose an Endorsement area in which to specialize.

New House Bill 5 Graduation Plan

HB 5 - Lindale ISD Endorsement Plan 26 credits (there are only two changes)

English	4
Math	4
Science	4
Social Studies	2.5 (This was 3.5 on the old Recommended Plan)
Economics	0.5
Foreign Language	2
PE	1
Health	0.5
Speech	0.5
Technology	1
Fine Arts	1
Electives	5 (Are now done in a coherent sequence)
Total	26

Endorsements

On top of the Foundation Graduation Plan, you must complete a Coherent Sequence of courses to receive an Endorsement in one of four areas.

(Which are listed on the following slides)

You must also complete the Distinguished Graduation Plan if you want to be in the Top 10% for college admission purposes! (Which means you must

Public Service

Health Science:

Health Science I

Health Science II

Medical Terminology/Pathophysiology*

Pharmacy Technician or Certified Nurse Aide *#

Anatomy and Physiology *

Education & Training:

Principles of Human Services

Principles of Education

Education and Training I *#

Education and Training II *#

* Advanced CTE Course

Double-block course

Human Services:

Principles of Human Services

Child Development/Interpersonal Studies

Interior/Fashion Design

Principles of Culinary Arts

Culinary Arts I *

Culinary Arts II *

Law, Public Safety, Corrections, and Security:

Principles of Human Services

Law Enforcement I

Law Enforcement II / Dual Credit Criminal

Justice *

For an endorsement declaration, 4 credits must be attained with at least one of them being an Advanced CTE course. At least 2 of the 4 credits must be in the a coherent sequence within the same career cluster.

STEM (Science, Technology, Engineering and Math)

Science Specialization:

Biology / Biology Honors
Chemistry / Chemistry Honors
Physics / AP Physics 1

The additional 3 credits must be obtained from:

AP Physics 2
TJC Anatomy and Physiology
Earth Space Science
TJC Biology / AP Biology
Engineering Design and Problem-Solving

Math Specialization:

The following 5 courses are required:

Algebra I / PAP Algebra I
Geometry / Geometry Honors
Algebra II / PAP Algebra II
Precalculus, PAP Precalculus, (or Dual Credit College Algebra/Precalculus)
AP Calculus

Cross-Disciplinary

Algebra II
Chemistry
Physics
Coherent Sequence of 3 credits from the Math and/or Science Specialization

Engineering (Take 4 of 5)

Intro to Engineering
Architectural Design
Engineering Design
Robotics
Engineering Design and Problem Solving*

Arts and Humanities

Foreign Language:

Spanish 1

Spanish 2

Spanish 3 / TJC

Spanish 4 / TJC

Social Studies Specialization:

World Geography

World History

US History / TJC US History

Government / Economics

Psychology / Sociology

Fine Arts

Specialization in Fine Arts is available as a selection of 4 courses in a below cluster or 2 courses in 2 clusters.

Theatre Arts:

Theatre Arts 1

Theatre Arts 2

Theatre Arts 3

Theatre Arts 4

Theatre Production 1

Theatre Production 2

Theatre Production 3

Theatre Production 4

Arts:

Art 1

Art 2

Art 3

Art 4

Business and Industry

Agriculture:

Principles of Agriculture
Wildlife/Forestry
Small Animal / Equine Science
Floral Design
Agribusiness
Livestock Production
Veterinary Medical Applications *
Advanced Animal Science *

Manufacturing:

Welding I
Welding II *
Welding III * #
TJC Welding I * #
TJC Welding II * #

Automotive Technology:

Principles of Mechanics
TJC Auto Tech I * #
TJC Auto Tech II * #

Information Technology:

BIM I *
BIM II *
Digital Interactive Media
Principles of Graphic Design
Computer Programming I
Computer Programming II *
Web Technology *
Student Technician *

Business Management and Administration:

BIM I *
BIM II *
Money Matters
Business Marketing
Digital Interactive Media
Principles of Graphic Design
Web Technology *

Architecture and Construction:

Construction I
Construction II *
Concepts of Engineering
Architectural Design
Engineering Design
Robotics
Engineering & Problem Solving *

Audio Video Production

Principles of Audio Video Tech
Audio Video Tech I *
Audio Video Tech II * #
Digital Interactive Media
Web Technology *

Business and Industry (Cont.)

Graphic Design& Broadcast -

Newspaper:

Journalism

Newspaper I

Newspaper II

Newspaper III *

Commercial Photography - Yearbook:

Journalism

Yearbook I

Yearbook II

Yearbook III *

For the following specialization, the course sequence must be followed as indicated below.

Debate:

Comm App H / Public Spkg H or Prof Comm or Comm App

Debate I

Debate II

Debate III

Debate IV

*=Advanced CTE Course

#=Double Block Course

For an endorsement declaration, 4 credits must be attained with at least one of them being an Advanced CTE course. At least 2 of the 4 credits must be in the a coherent sequence within the same career cluster.

For the Newspaper, Yearbook, and Debate specializations, all three advanced courses must be taken in the sequence as listed.

In Conclusion:

Students need to choose an Endorsement area with their graduation plan.

Students may change Endorsements up to the end of their sophomore year.

Just because students choose an Endorsement does not mean they must major in that specific area in college.