

Garland ISD Career and Technical Education Career Clusters

Lakeview Centennial High School College & Career Magnet

Business and Industry Endorsement



Architecture
& Construction



Arts, A/V Technology
& Communications



Business
Management
& Administration



Finance



Hospitality
& Tourism



Information
Technology



Marketing

INDEX

Garland ISD Career and Technical Education Career Clusters Lakeview Centennial High College and Career Magnet

Index - Business and Industry Endorsement	Page	2
Index - Public Services Endorsement Clusters	Page	3
Index - Science, Technology, Engineering and Mathematics	Page	3
Color Key	Page	4

BUSINESS AND INDUSTRY ENDORSEMENT

Agriculture, Food and Natural Resources

Animal Systems, Environmental and Natural Resources	Page	5
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Architecture and Construction

Architecture Design or Interior Design	Page	6
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Arts, A/V and Communication

Audio/Video Technology	Page	7
------------------------	------	---

Fashion Design	Page	8
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Graphic Design & Illustrations, and Animation	Page	9
---	------	---

Business Management and Administration

Business Management	Page	10
---------------------	------	----

School of Business - Business	Page	11
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Finance

Banking & Financial Services, and Accounting	Page	12
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School of Business - Finance	Page	13
------------------------------	------	----

Hospitality and Tourism

Hospitality and Culinary	Page	14
--------------------------	------	----

Information Technology

Digital Media	Page	15
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Marketing

Marketing & Entrepreneurship	Page	16
------------------------------	------	----

School of Business - Marketing	Page	17
--------------------------------	------	----

INDEX
Garland ISD Career and Technical Education Career Clusters
Lakeview Centennial High College and Career Magnet

Index - Business and Industry Endorsement	Page	2
Index - Public Services Endorsement Clusters	Page	3
Index - Science, Technology, Engineering and Mathematics	Page	3
Color Key	Page	4

PUBLIC SERVICES ENDORSEMENT (Page 18)

Education and Training		
Education and Training	Page	19
Government and Public Administration		
Pre-Law	Page	20
Health Science		
Health Science	Page	21
Human Services		
Human Services	Page	22
Law, Public Safety, Corrections and Security		
Criminal Justice	Page	23
Paralegal Studies	Page	24

STEM (Science, Technology, Engineering and Mathematics) ENDORSEMENT (Page 25)

Science, Technology, Engineering and Mathematics		
Engineering and Robotics	Page	26

CTE High School Pathways

- 2018 updates
- Color Key

Prerequisite (Required)

R. Prerequisite (Recommended)

or Indicates either course will meet the requirement

The student must have successfully completed the course(s) listed as a prerequisite (required) prior to enrollment in the course to which the prerequisite(s) applies.

Performance Acknowledgement

Certification or Licensure a student may earn in this pathway

Courses that are or have a required or recommended prerequisite

Optional Courses

New courses
Bold outline if they are advanced

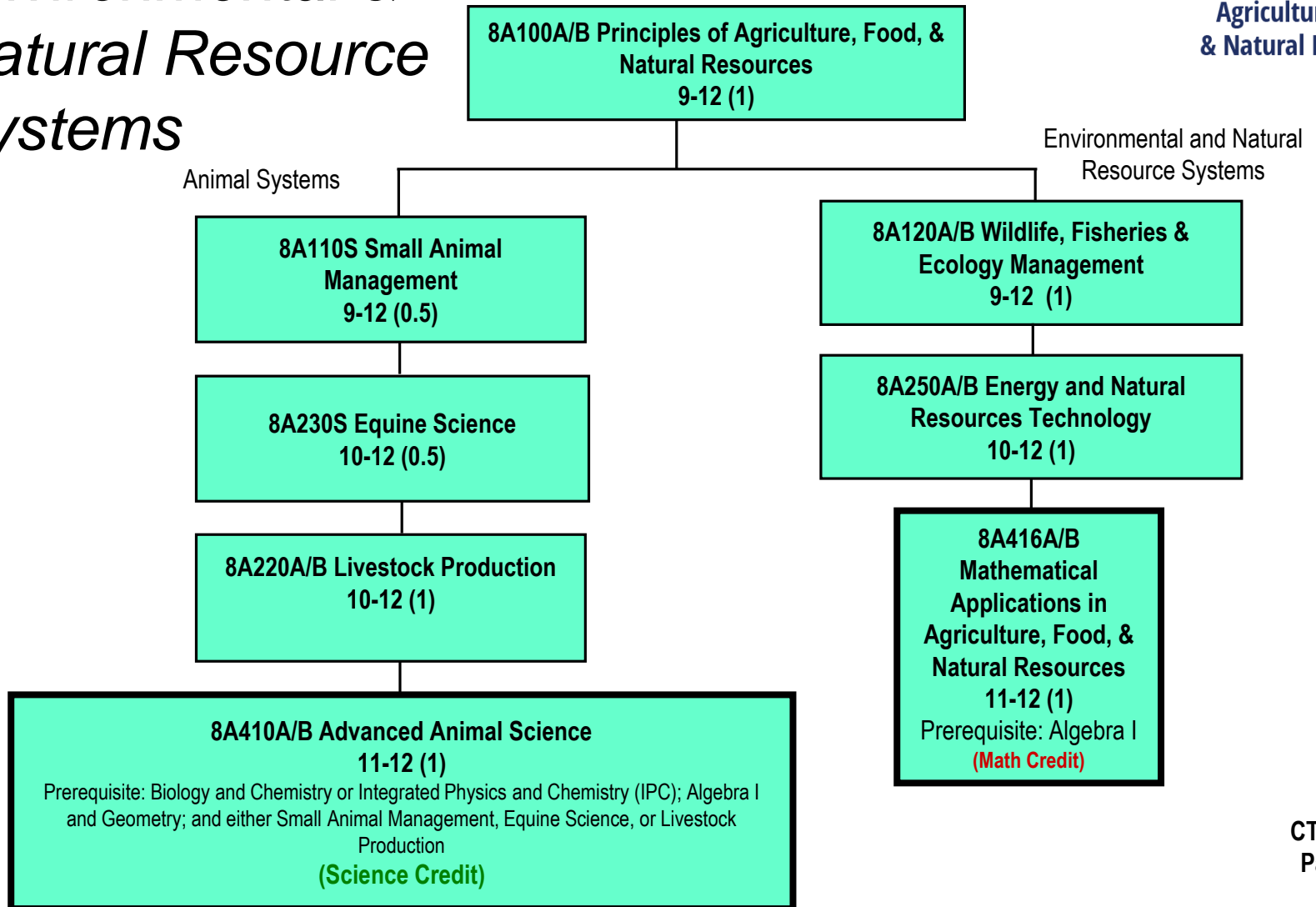
CTE Courses for Academic Credit:

BLUE - (Advanced English Credit)

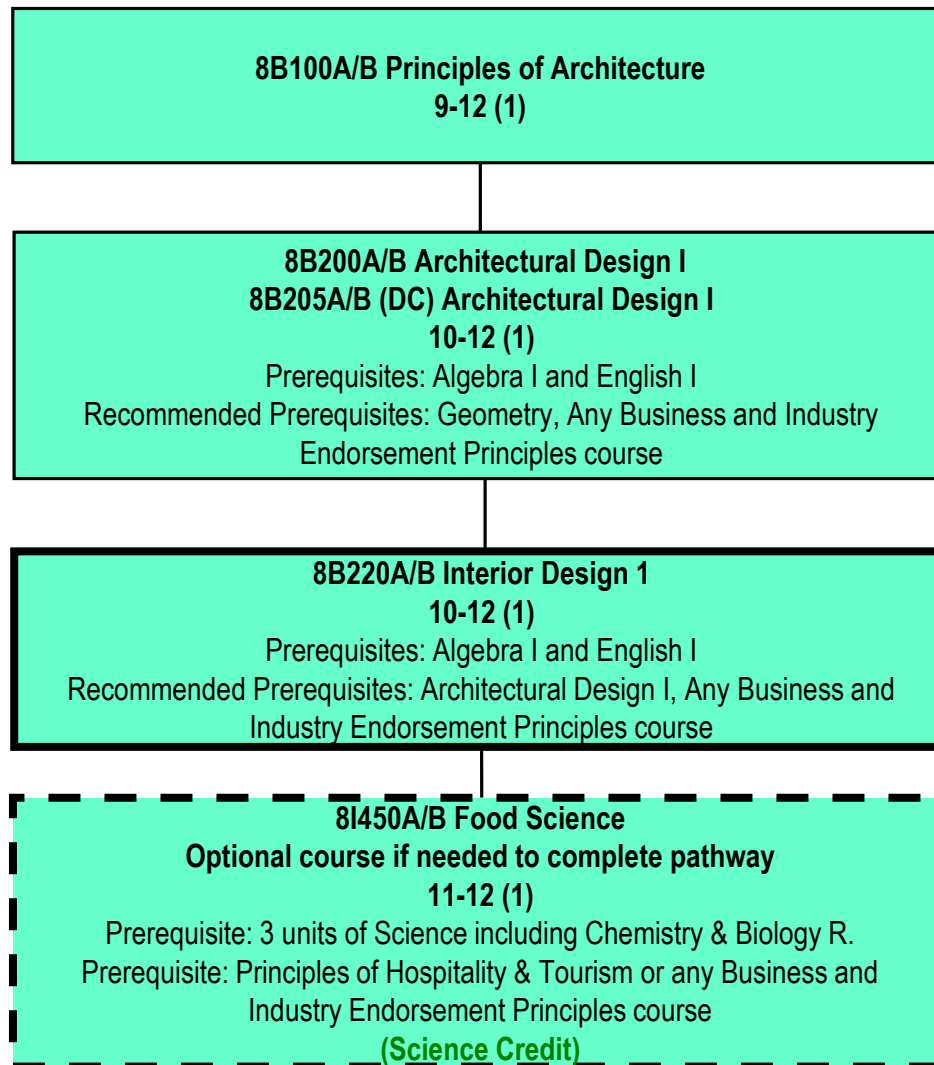
RED - (Math Credit)

GREEN - (Science Credit)

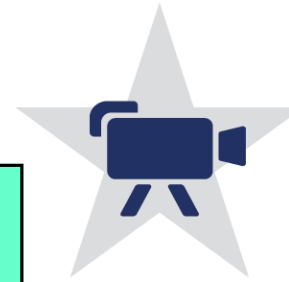
Animal Systems and Environmental & Natural Resource Systems



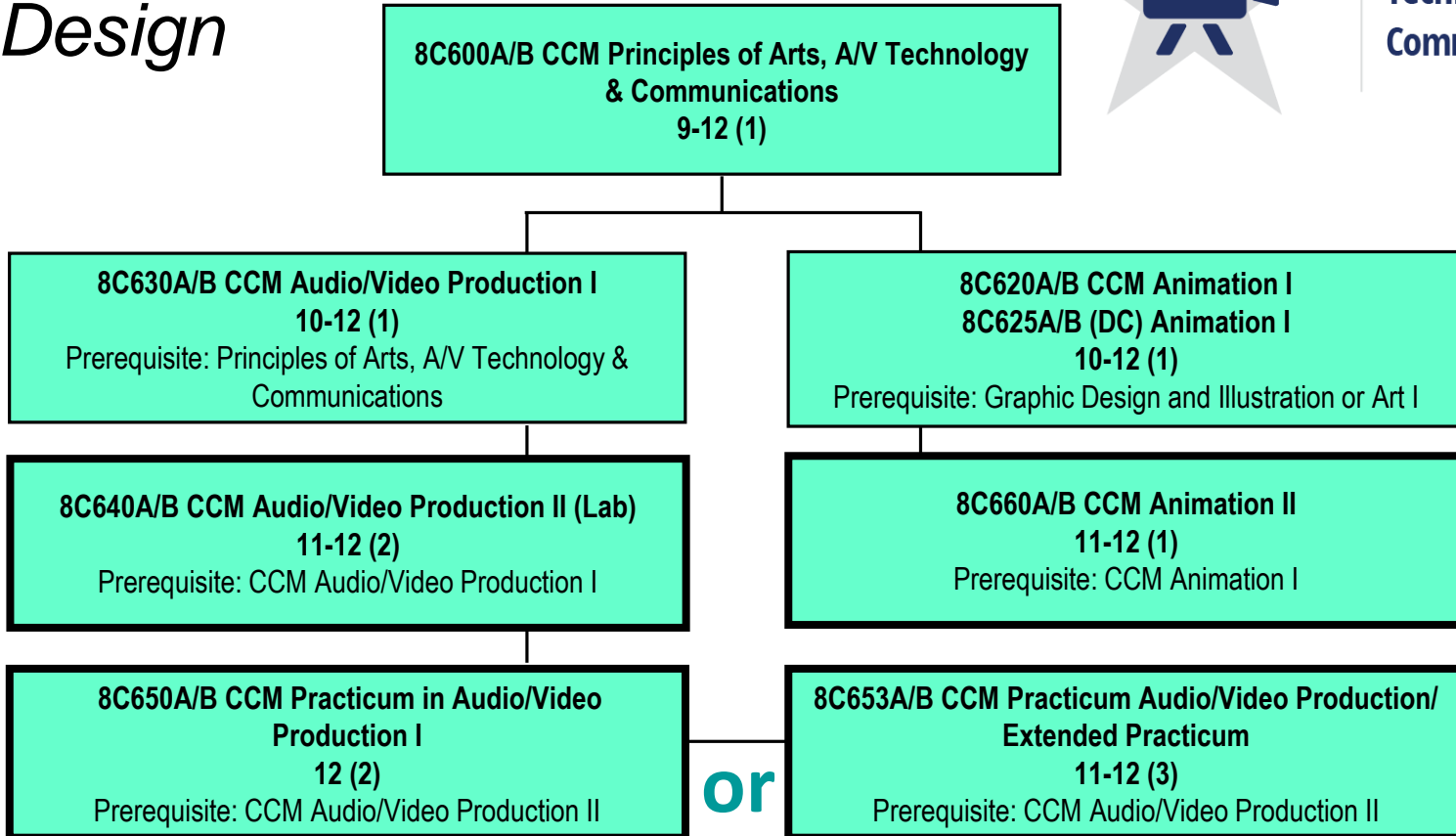
Architecture Design or Interior Design



Audio / Video Design



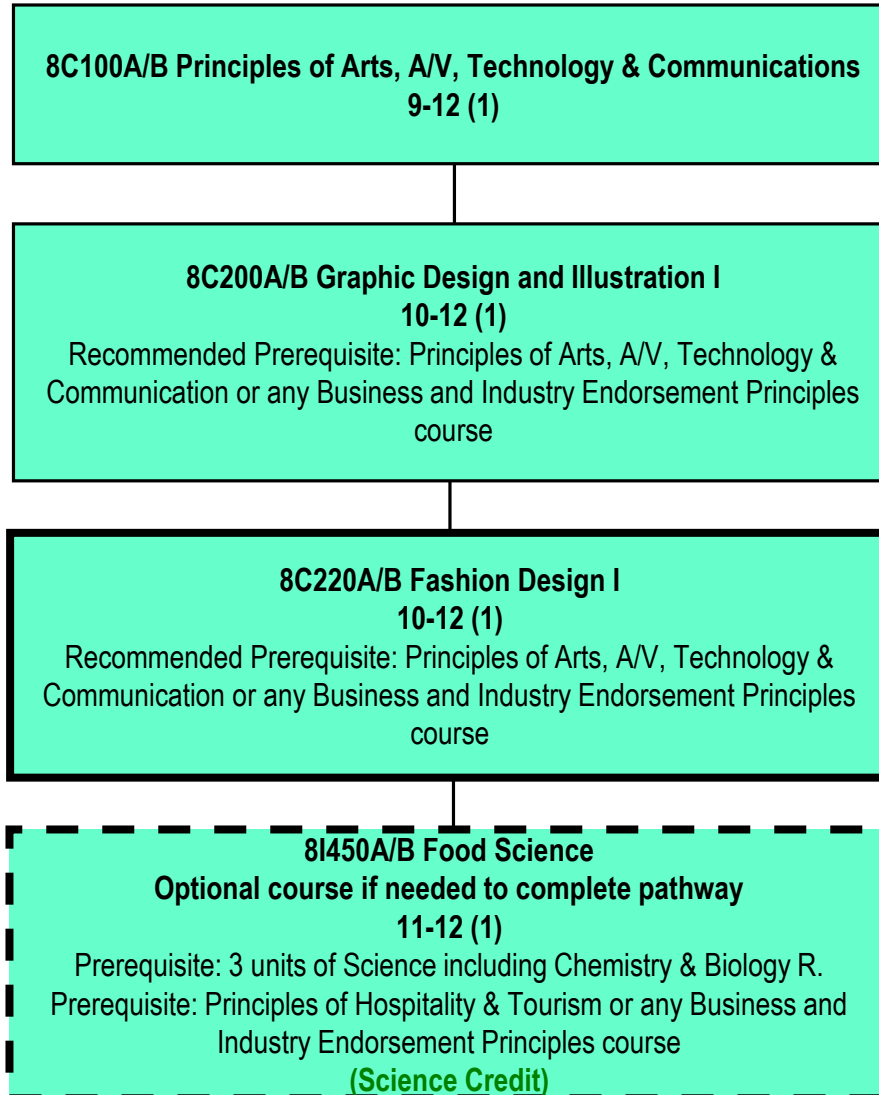
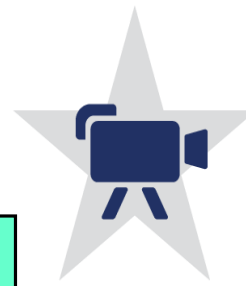
Arts, A/V
Technology &
Communications



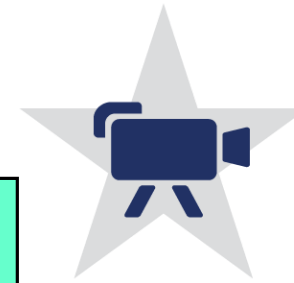
Performance Acknowledgement
TV/Radio Operator License

8C110S Professional Communication 9-12 (0.5)
8C050S Professional Communications 8 (0.5)
(MS for HS Credit)
8K200A/B Digital Media 10-12 (1)

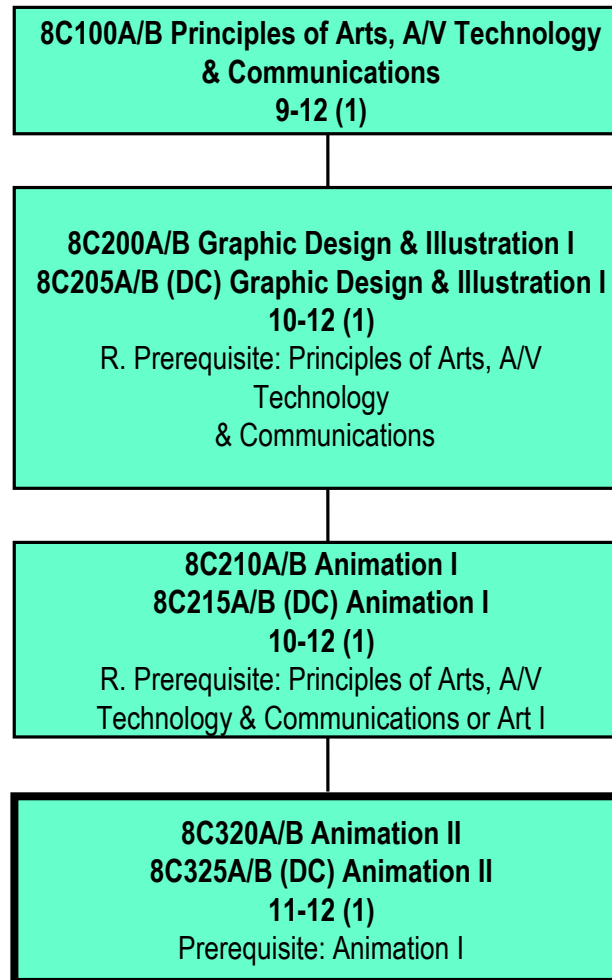
Fashion Design



Graphic Design and Illustration and Animation



Arts, A/V
Technology &
Communications

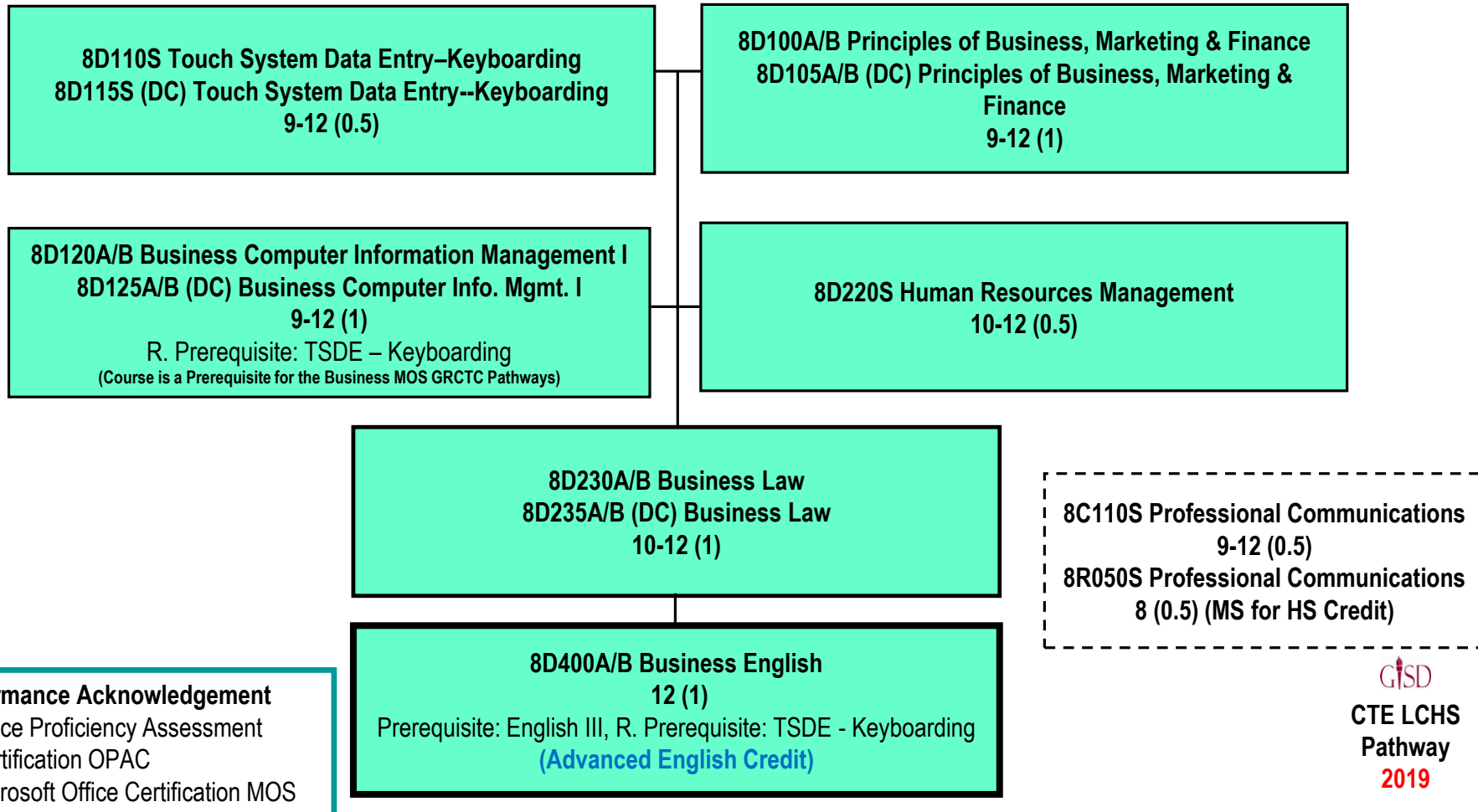


Performance Acknowledgement
Adobe Certified Associate (ACA)
Photoshop, InDesign or Illustrator

8C110S Professional Communications
9-12 (0.5)
8C050S Professional Communications
8 (0.5) (MS for HS Credit)



Human Resource Management Business Management



Lakeview Centennial College & Career Magnet

School of Business



**Business
Management
& Administration**

9th

**8D600A/B CCM Business, Marketing & Finance
9-12 (1)**

10th

**8F625A/B (DC) CCM Accounting I
10-12 (1)**

**8D230A/B Business Law
8D235A/B (DC) Business Law
10-12 (1)**

11th

**8D615A/B (DC) CCM Business Computer Information
Management I
10-12 (1)**

12th

**8D630A/B CCM Business Computer Information
Management II
8D635A/B (DC) CCM Business Computer Information
Management II
12 (1)**

**8D670A/B CCM Capstone (PBR) (H)
12 (1)**

Performance Acknowledgement

- OPAC- Office Proficiency Assessment Certification
- MOS- Microsoft Office Specialist

**8C110S Professional Communications
9-12 (0.5)**

**8R050S Professional Communications
8 (0.5) (MS for HS Credit)**



These courses are required for all three pathways in the College and Career Magnet School of Business.

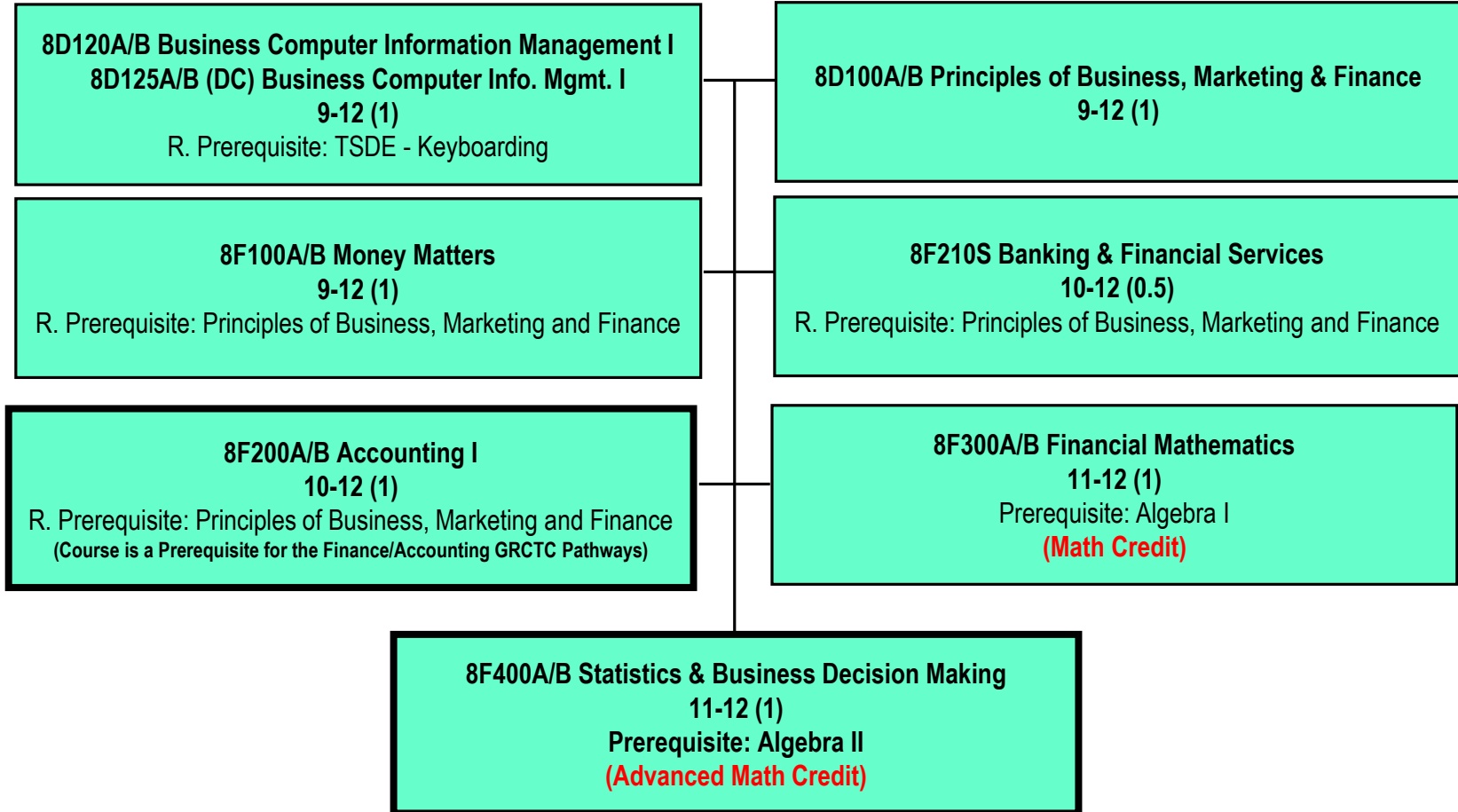
Banking and Financial Services Accounting



Accounting

Banking and Financial Services

Finance



Performance Acknowledgement

- OPAC- Office Proficiency Assessment Certification
- MOS- Microsoft Office Specialist

8C110S Professional Communications
9-12 (0.5)
8C050S Professional Communications
8 (0.5) (MS for HS Credit)

Lakeview Centennial College & Career Magnet

School of Business



Finance

9th

8D600A/B CCM Business, Marketing & Finance
9-12 (1)

10th

8F625A/B (DC) CCM Accounting I
10-12 (1)

11th

8F600A/B CCM Financial Analysis (H)
11-12 (1)
Prerequisite: Accounting I

12th

8F630A/B CCM Accounting II (H)
8F635A/B (DC) CCM Accounting II (H)
12 (1)
Prerequisite: Accounting I

8D670A/B CCM Capstone (PBR) (H)
12 (1)

Performance Acknowledgement

- OPAC- Office Proficiency Assessment Certification
- MOS- Microsoft Office Specialist
- QuickBooks

8C110S Professional Communications
9-12 (0.5)
8R050S Professional Communications
8 (0.5) (MS for HS Credit)



These courses are required for all three pathways in the College and Career Magnet School of Business.

Hospitality or Culinary



8I100A/B Principles of Hospitality and Tourism
8-12 (1)

8I120A/B Introduction to Culinary Arts
9-12 (1)

R. Prerequisite: Principles of Hospitality & Tourism or any
Business and Industry Endorsement Principles course

8I230A/B Travel and Tourism Management
10-12 (1)

R. Prerequisite: Principles of Hospitality & Tourism or any
Business and Industry Endorsement Principles course

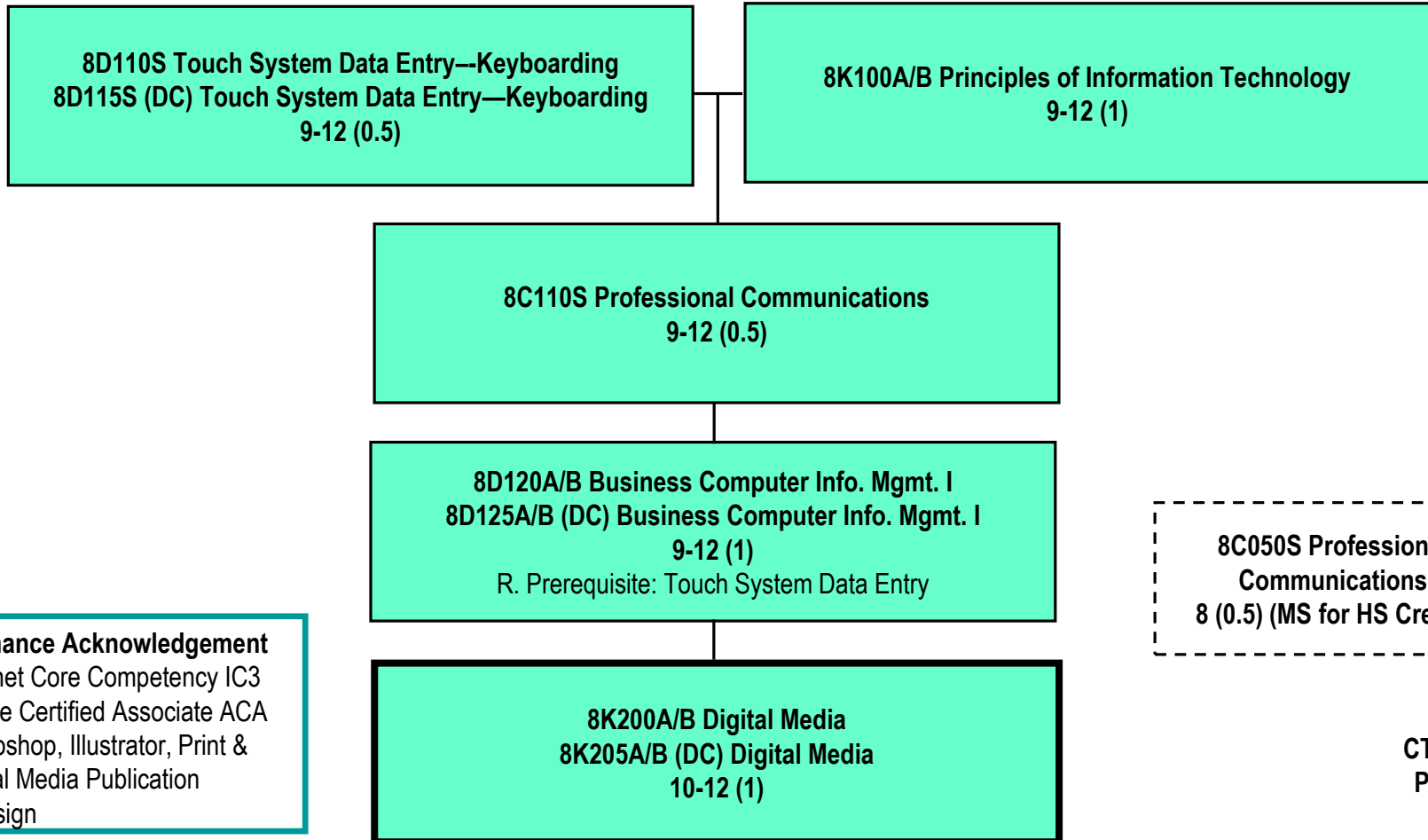
8I450A/B Food Science
11-12 (1)

Prerequisite: 3 units of Science including Chemistry &
Biology R. Prerequisite: Principles of Hospitality & Tourism
or any Business & Industry Endorsement Principles course
(Science Credit)

Performance Acknowledgement
ServSafe



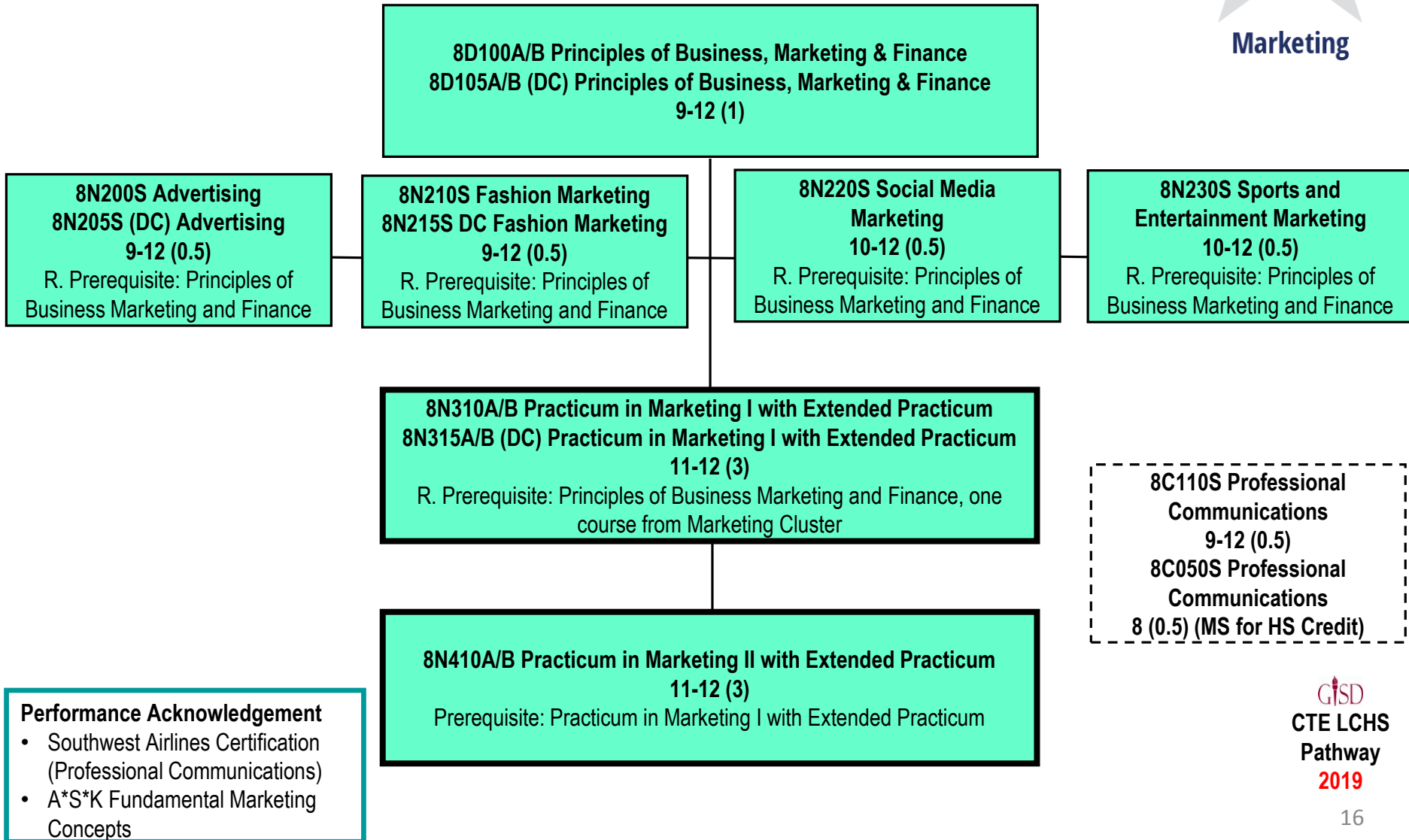
Digital Media



Performance Acknowledgement

- Internet Core Competency IC3
- Adobe Certified Associate ACA
Photoshop, Illustrator, Print &
Digital Media Publication
InDesign

Sales Manager





8D600A/B CCM Business, Marketing & Finance
9-12 (1)

10th

8K200A/B Digital Media
8K205A/B (DC) Digital Media
10-12 (1)

11th

8N200S Advertising
8N205S (DC) Advertising
9-12 (0.5)
R. Prerequisite: CCM Business, Marketing and Finance

8N220S Social Media Marketing
10-12 (0.5)
R. Prerequisite: CCM Business, Marketing and Finance

12th

8N600A/B CCM Entrepreneurship
10-12 (1)

8F625A/B (DC) CCM Accounting I
10-12 (1)

8D670A/B CCM Capstone (PBR) (H)
12 (1)

8C110S Professional Communications
9-12 (0.5)
8R050S Professional Communications
8 (0.5) (MS for HS Credit)



These courses are required for all three pathways in the College and Career Magnet School of Business.

- Performance Acknowledgement**
- Adobe Certified Associate ACA Photoshop, Illustrator, Print & Digital Media Publication InDesign
 - Southwest Airlines Certification (Professional Communications)
 - A*S*K Fundamental Marketing Concepts

Garland ISD Career and Technical Education Career Clusters

Lakeview Centennial High School College & Career Magnet

Public Services Endorsement



Education
& Training



Government
& Public
Administration



Human
Services



Health Science

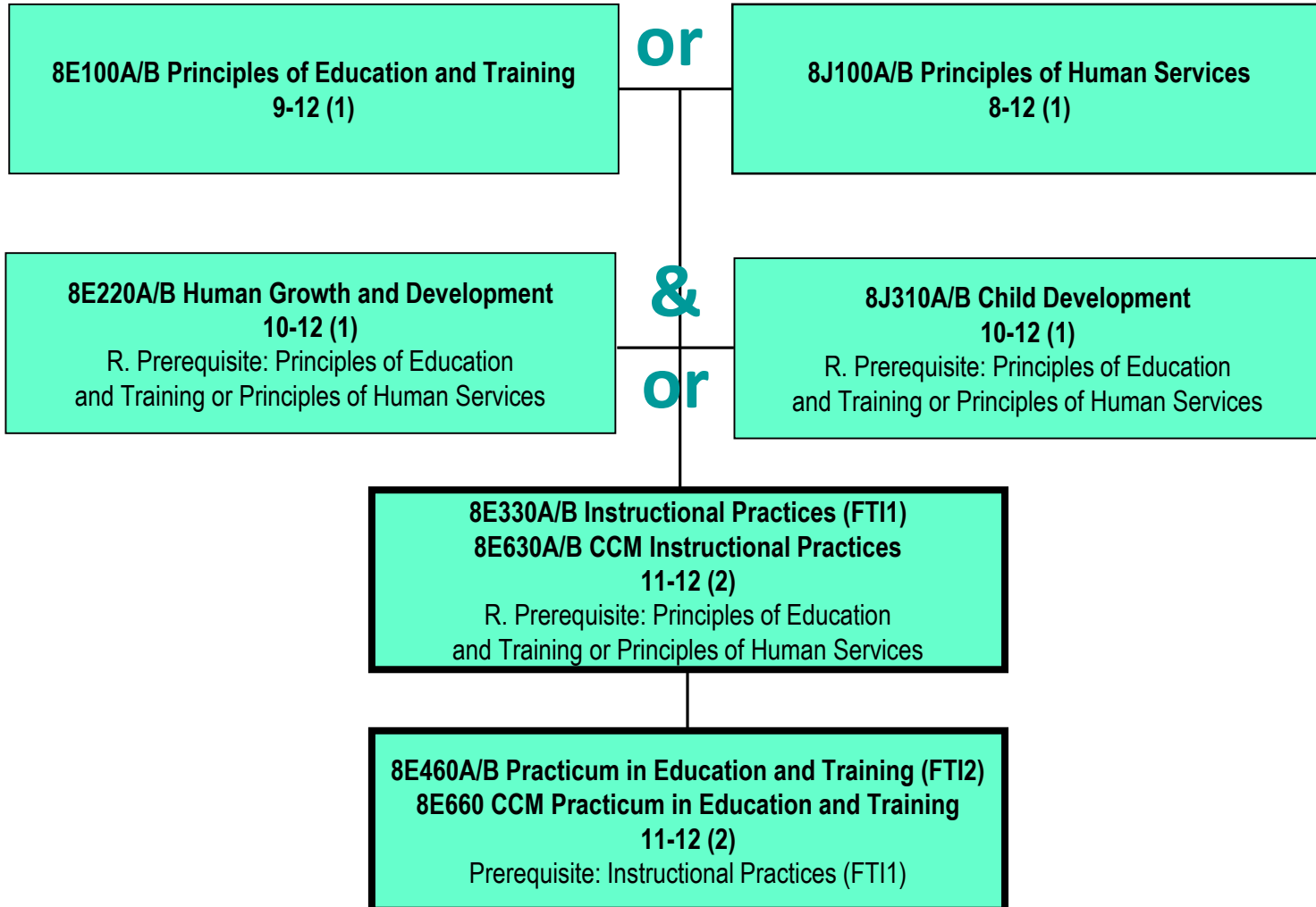


Law, Public Safety,
Corrections
& Security

Education and Training



Education &
Training



Pre-Law



**Government
& Public
Administration**

8G600A/B CCM Principles of Government & Public Administration
9-11 (1)

8G610A/B CCM Political Science I
10-12 (1)

8L610A/B CCM Court Systems & Practices
10-12 (1)
Prerequisite: CCM Principles of Law, Public Safety, Corrections and Security, Law Enforcement I and CCM Correctional Systems

8D230A/B Business Law
8D235A/B (DC) Business Law
10-12 (1)

8G620A/B CCM Political Science II
11-12 (1)

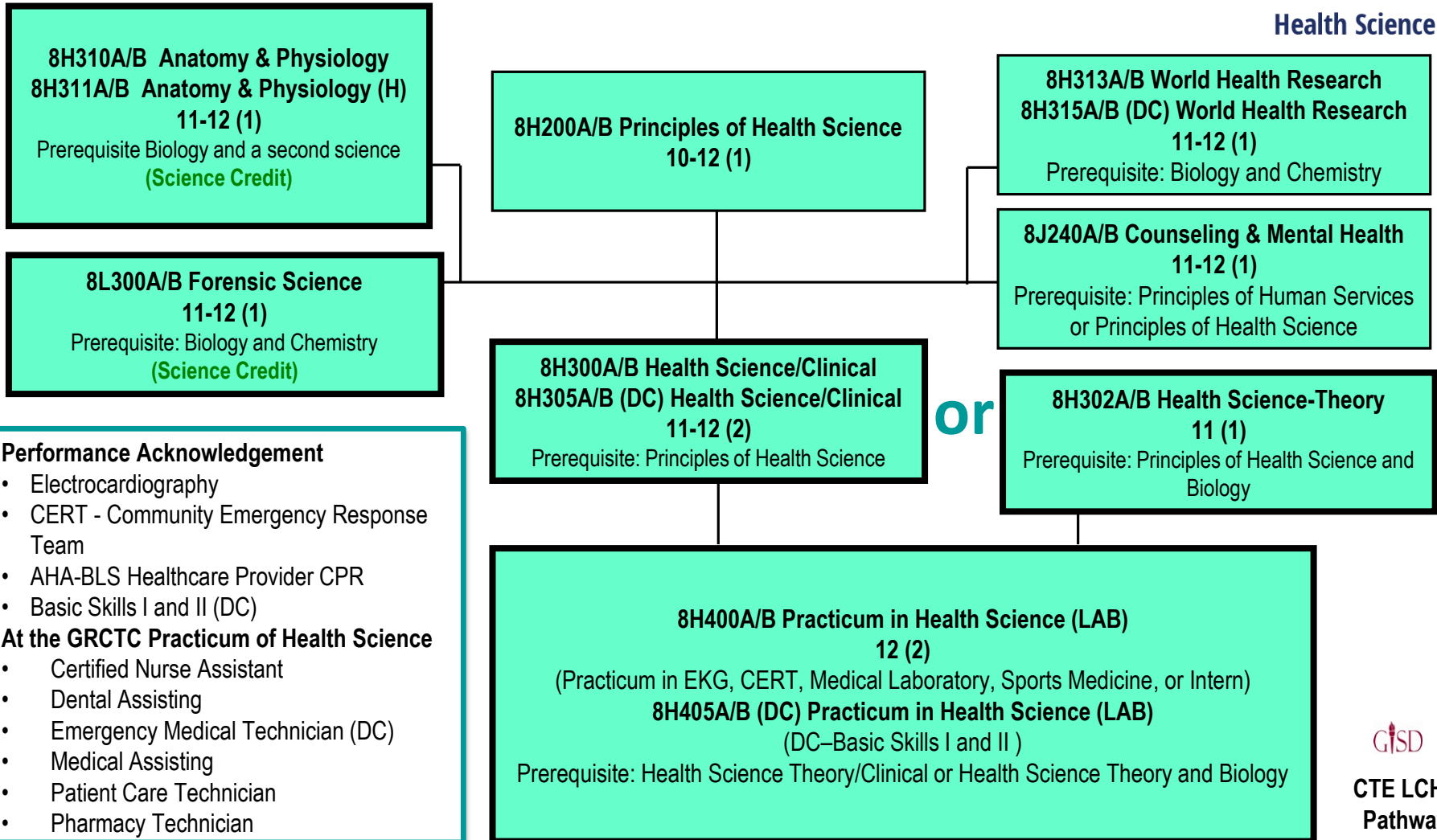
8L300A/B Forensic Science
11-12 (1)
(Science Credit)
Prerequisite: Biology and Chemistry

8L660A/B CCM Practicum in Law, Public Safety, Corrections, & Security (LAB)**
12 (2)
CCM Principles of Law, Public Safety, Corrections and Security

Health Science



Health Science



Performance Acknowledgement

- Electrocardiography
- CERT - Community Emergency Response Team
- AHA-BLS Healthcare Provider CPR
- Basic Skills I and II (DC)

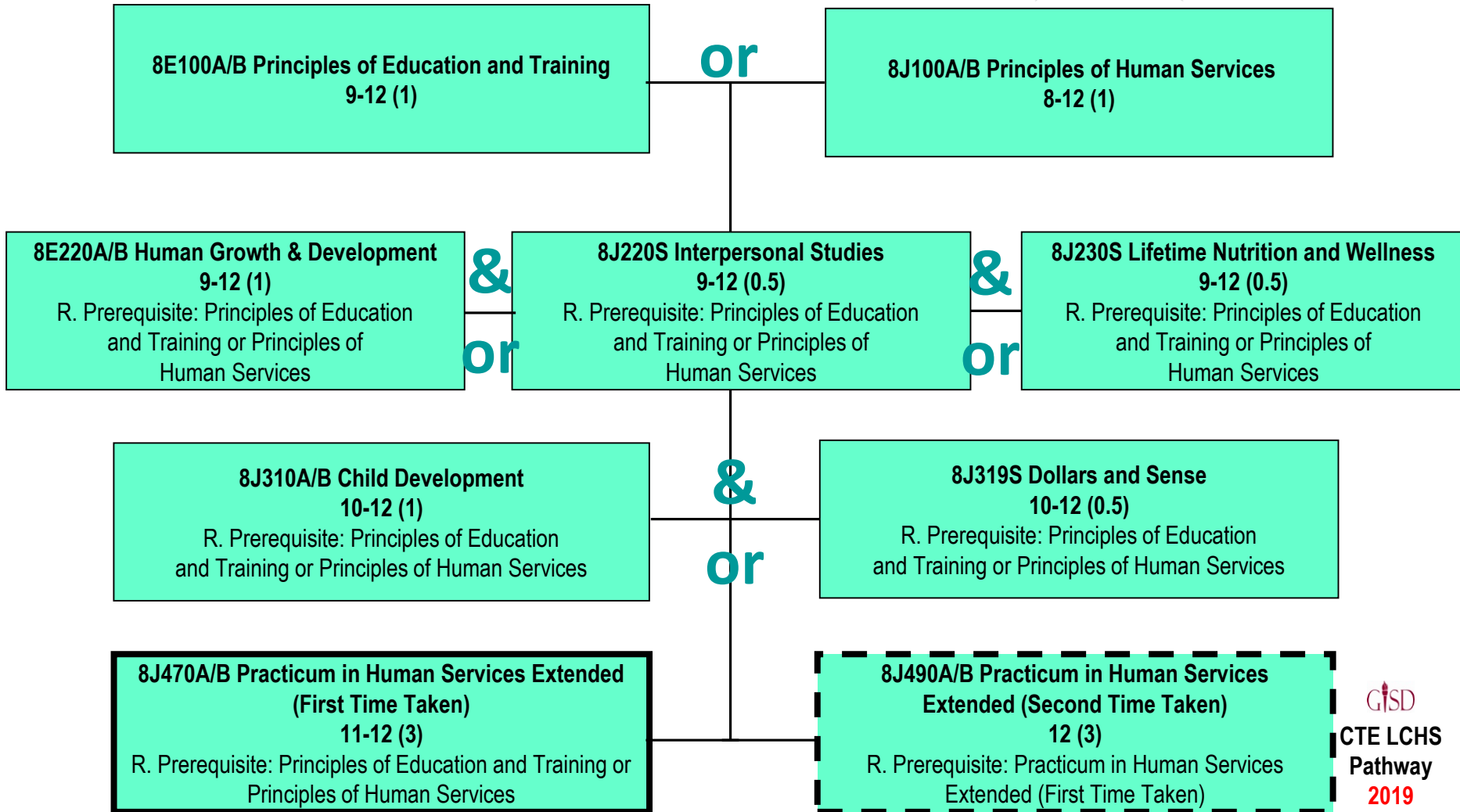
At the GRCTC Practicum of Health Science

- Certified Nurse Assistant
- Dental Assisting
- Emergency Medical Technician (DC)
- Medical Assisting
- Patient Care Technician
- Pharmacy Technician

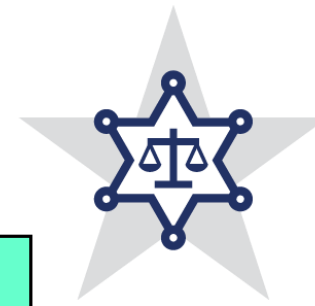
Human Services



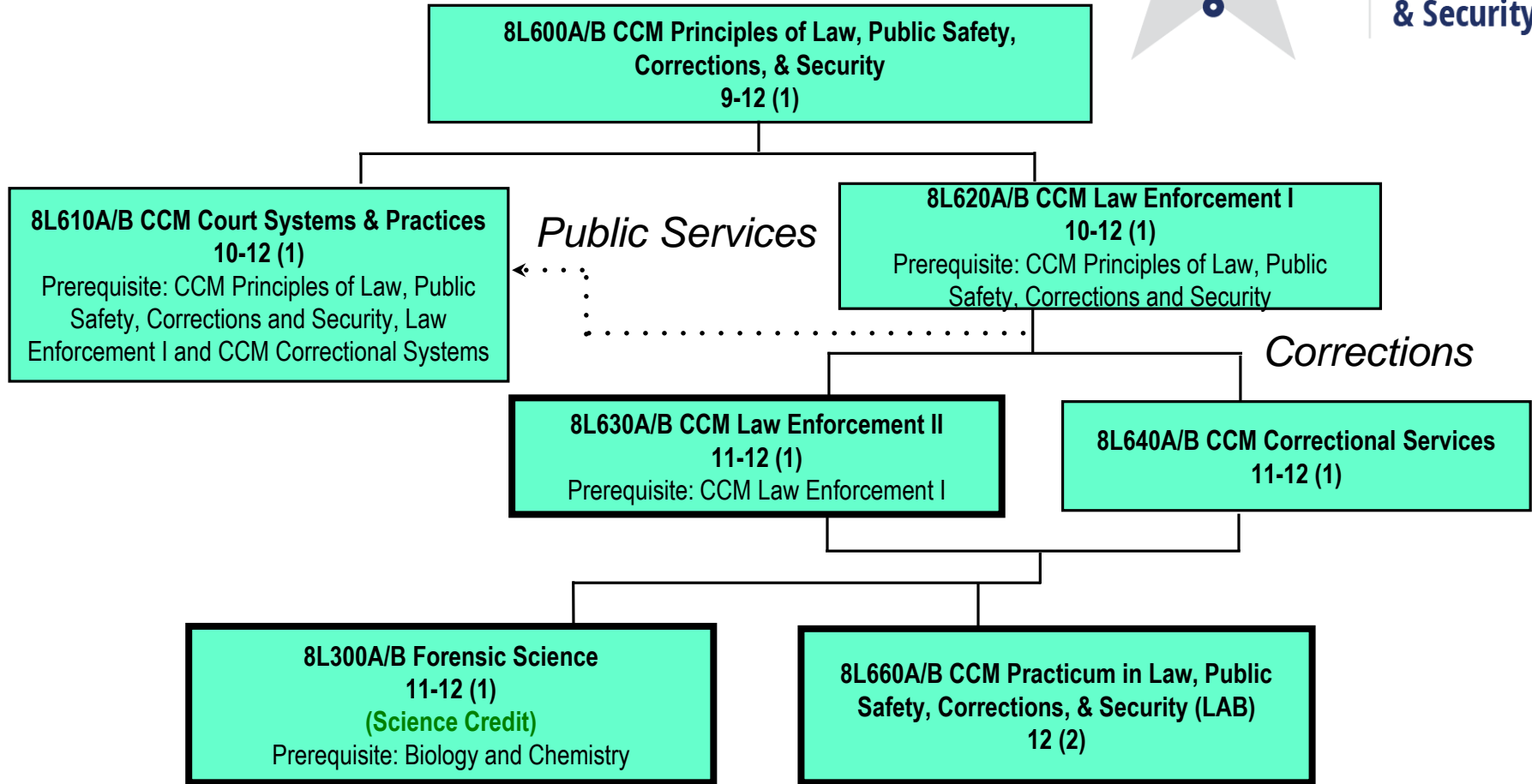
Human
Services



Criminal Justice



Law,
Public Safety,
Corrections
& Security



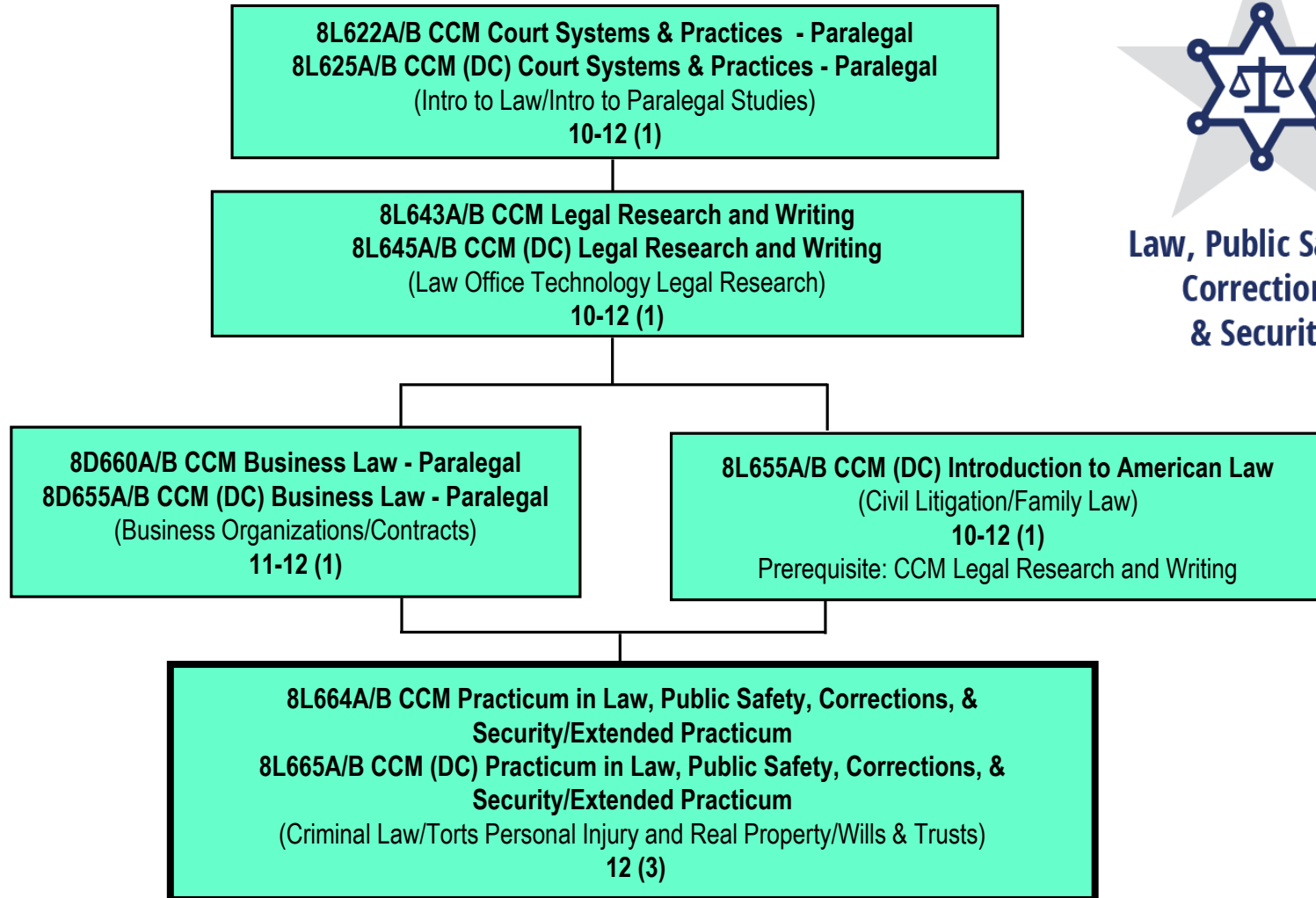
Performance Acknowledgement

- County Jailer Certification
- Texas Private Security Level II

Paralegal Studies



**Law, Public Safety,
Corrections
& Security**



Performance Acknowledgement

- Associate of Applied Science Degree
- National Paralegal certification

Garland ISD Career and Technical Education Career Clusters

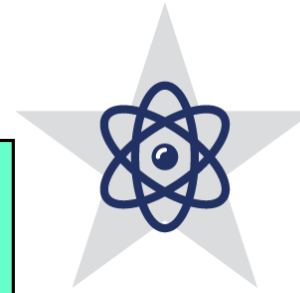
Lakeview Centennial High School College & Career Magnet

STEM Endorsement

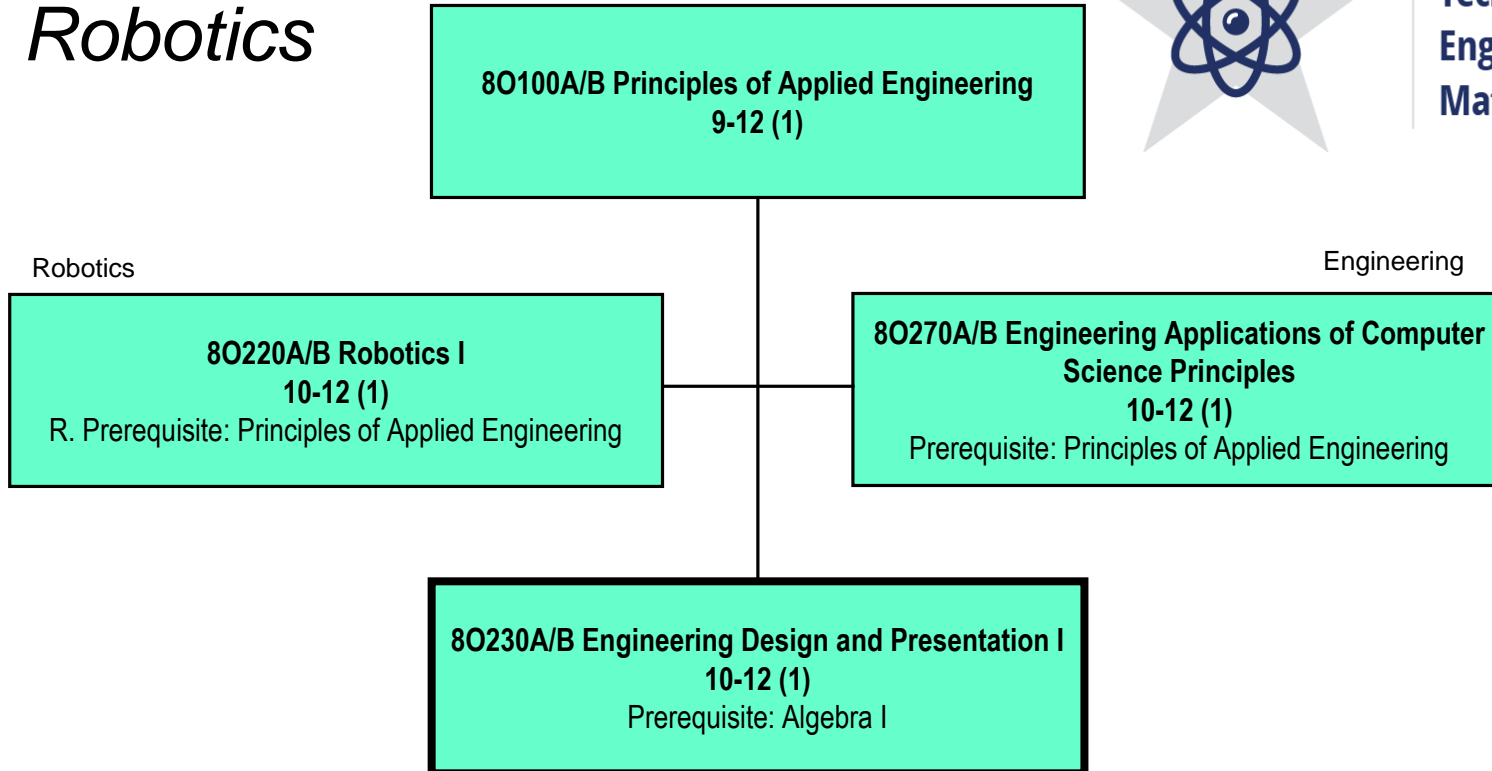


**Science,
Technology,
Engineering &
Mathematics**

Engineering and Robotics



Science,
Technology,
Engineering &
Mathematics



STEM Endorsement requires Algebra II,
Chemistry and Physics

Performance Acknowledgement

- Autodesk Autocad User
- Autodesk Inventor