

# Garland ISD Career and Technical Education Career Clusters Sachse High School

## Business and Industry Endorsement



**Agriculture, Food  
& Natural Resources**



**Architecture  
& Construction**



**Arts, A/V Technology  
& Communications**



**Business  
Management  
& Administration**



**Finance**



**Hospitality  
& Tourism**



**Information  
Technology**



**Manufacturing**



**Marketing**

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### BUSINESS AND INDUSTRY ENDORSEMENT

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# CTE High School Pathways

- 2019 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

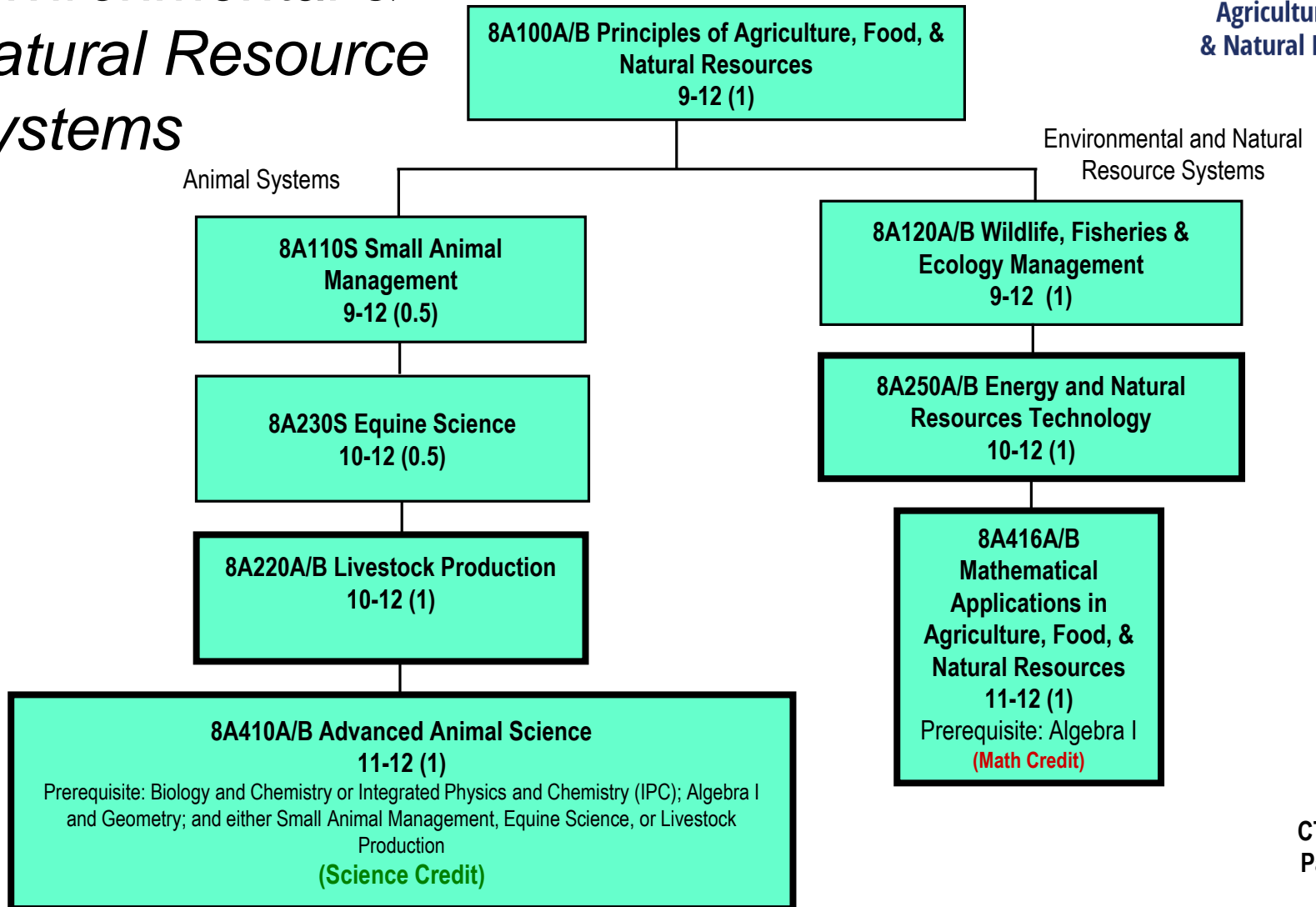
## CTE Courses for Academic Credit:

BLUE - (Advanced English Credit)

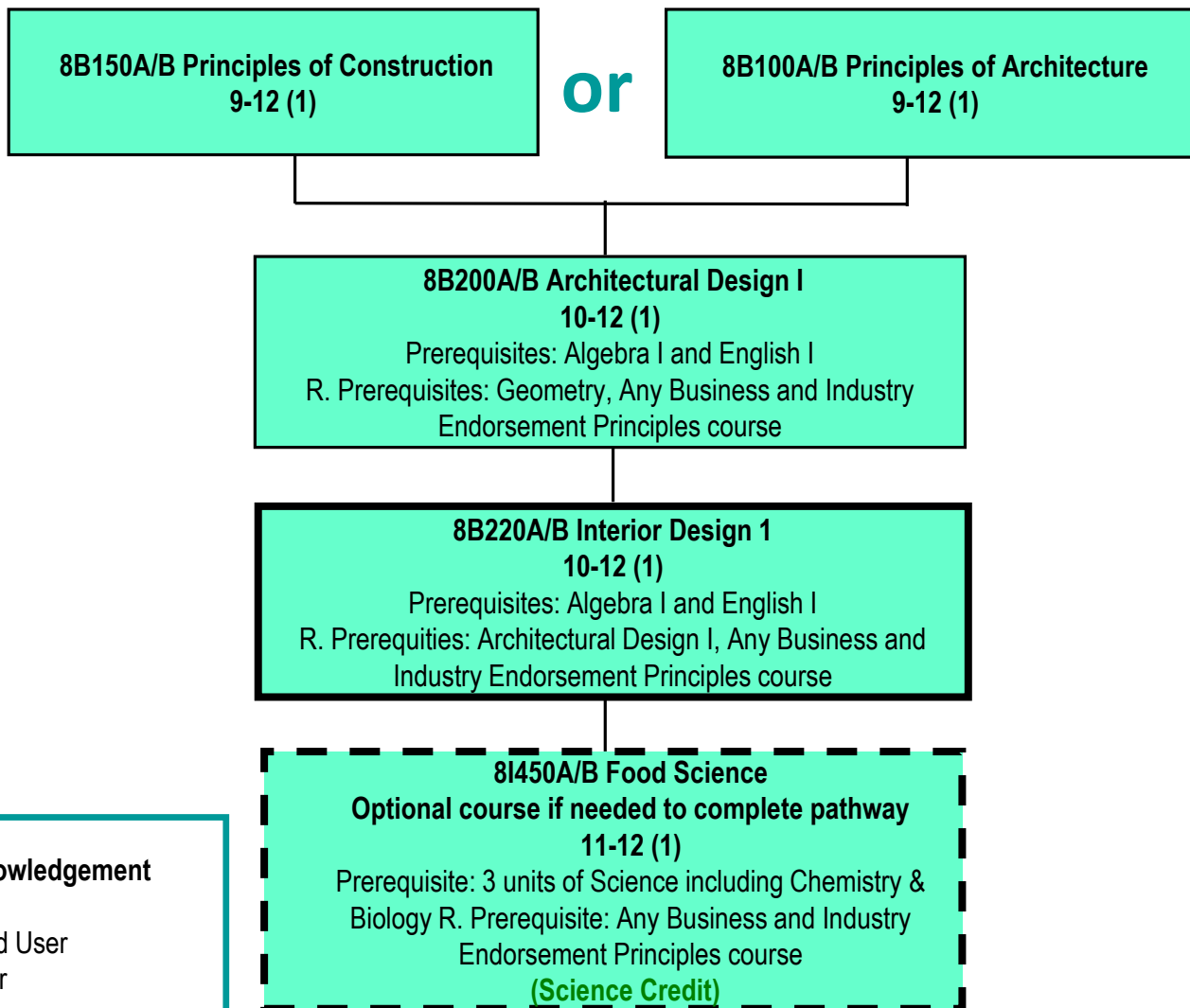
RED - (Math Credit)

GREEN - (Science Credit)

# Animal Systems and Environmental & Natural Resource Systems



# Architecture Design or Interior Design



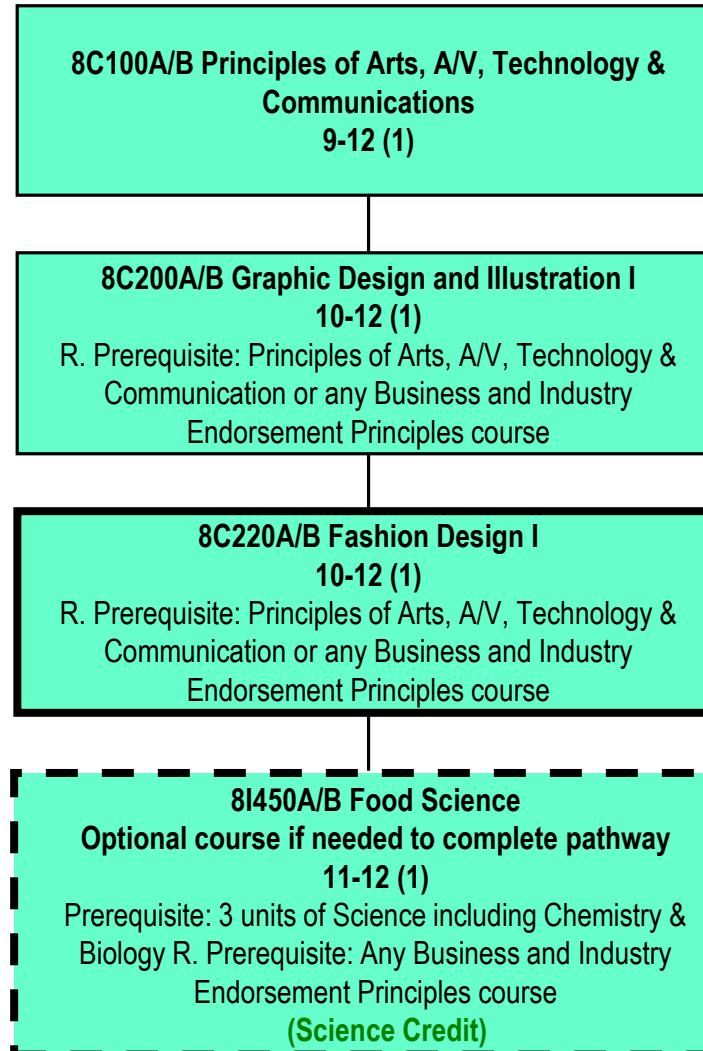
## Performance Acknowledgement

- Autodesk Revit
- Autodesk Autocad User
- Autodesk Inventor

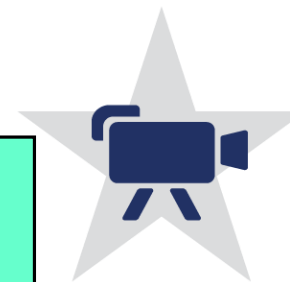
# Fashion Design



Arts, A/V Technology  
& Communications



# Radio Broadcasting & Graphic Design



Arts, A/V  
Technology &  
Communications

**8C100A/B Principles of Arts, A/V,  
Technology & Communications**  
9-12 (1)

Radio  
Broadcasting

Graphic Design

**8C240A/B Digital Audio Technology I**  
10-12 (1)

R. Prerequisite: Principles of Arts, A/V, Technology & Communications, and Digital Media

**8C200A/B Graphic Design and Illustration I**  
**8C205A/B (DC) Graphic Design and Illustration I**  
10-12 (1)

R. Prerequisite: Principles of Arts, A/V, Technology & Communication or any Business and Industry Endorsement Principles course

**8C342A/B Digital Audio Technology II**  
10-12 (1)

Prerequisite: Digital Audio Technology I

**8C210A/B Animation I**  
**8C215A/B (DC) Animation I**  
10-12 (1)

R. Prerequisite: Principles of Arts, A/V Technology & Communications or Art I

**8C320A/B Animation II**  
**8C325A/B (DC) Animation II**  
11-12 (2)

Prerequisite: Animation I

**8C400A/B Project-Based Research -  
Animation**  
12 (1)

## Performance Acknowledgement

Adobe Certified Associate (ACA) Photoshop, InDesign or Illustrator

**8C110S Professional Communications**  
9-12 (0.5)  
**8K200A/B Digital Media**  
9-12 (1)

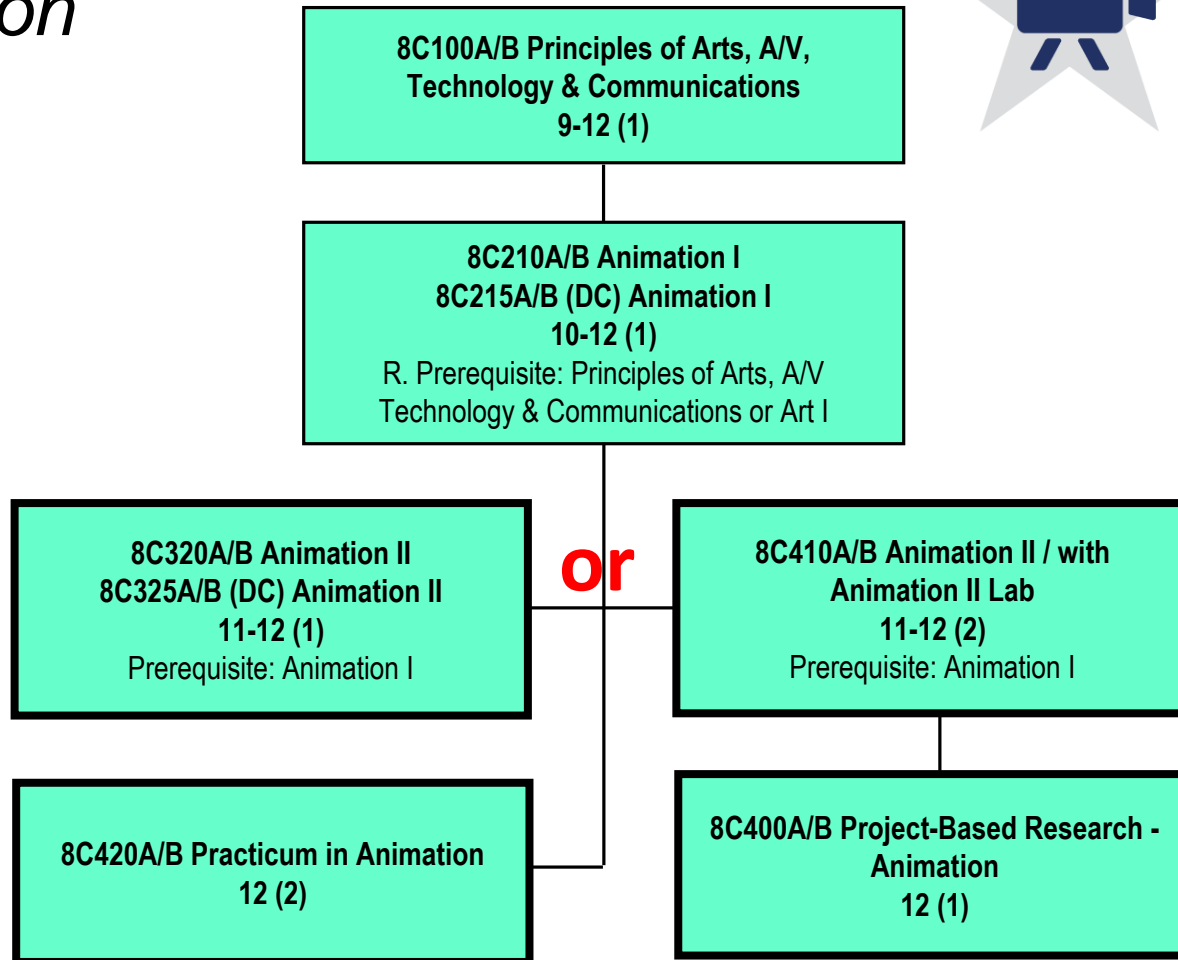
**GSD**  
CTE SHS  
Pathway  
**2019**



# Animation



Arts, A/V  
Technology &  
Communications

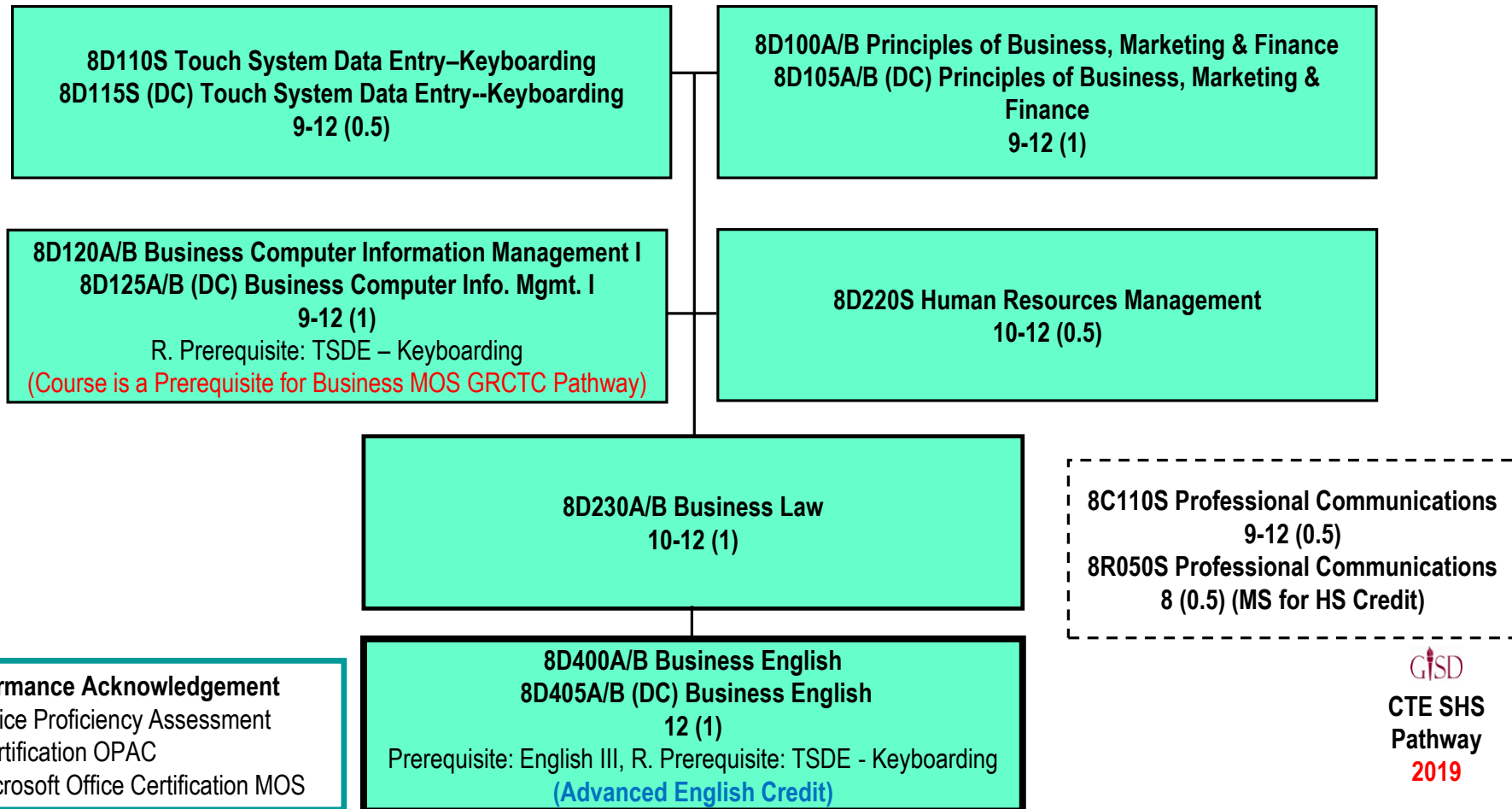


## Performance Acknowledgement

Adobe Certified Associate (ACA) Photoshop,  
InDesign or Illustrator

8C110S Professional  
Communications  
9-12 (0.5)  
8K200A/B Digital Media  
9-12 (1)

# Human Resource Management Business Management



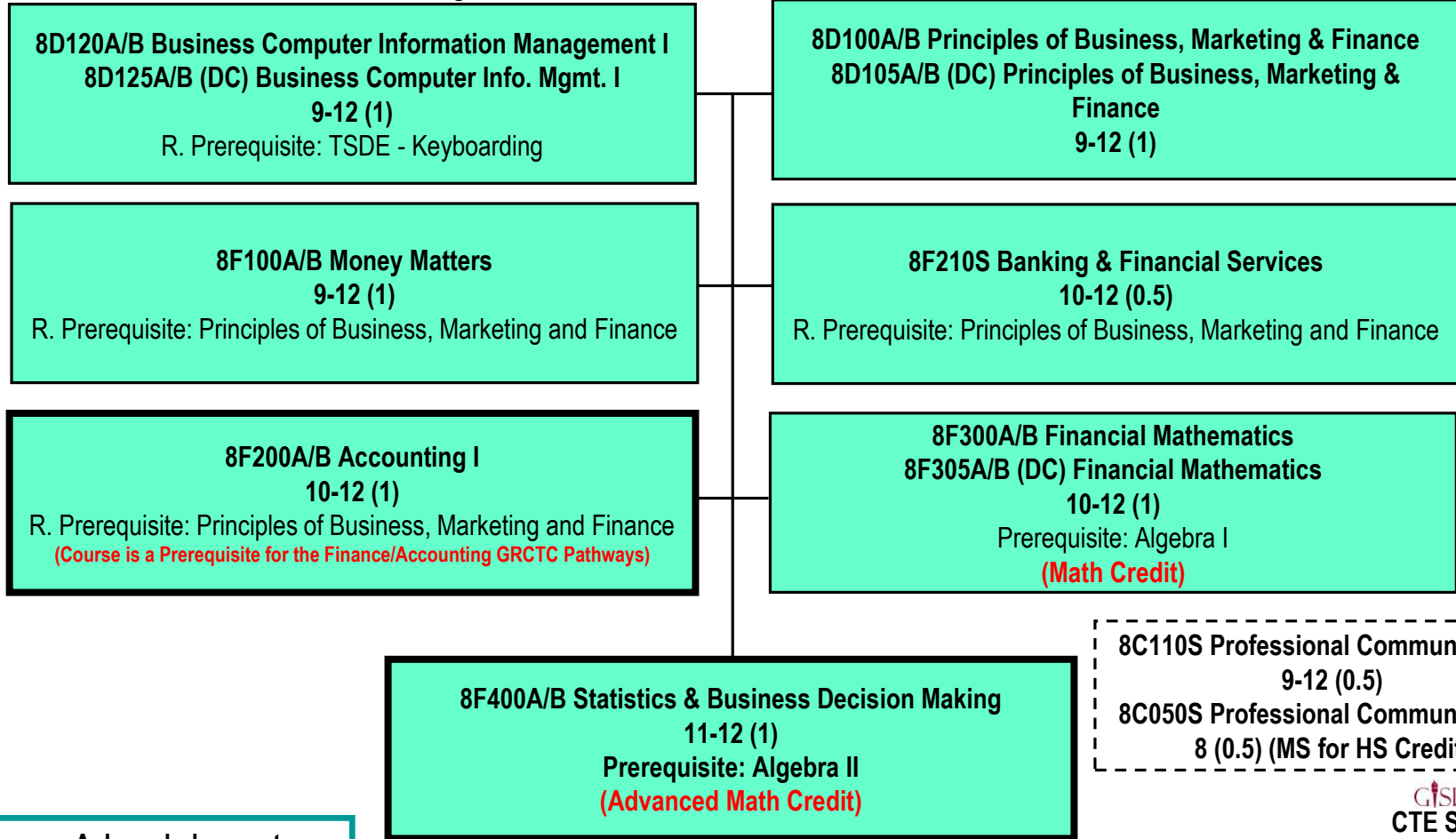
# Banking and Financial Services Accounting



## Accounting

## Banking and Financial Services

## Finance



- Performance Acknowledgement**
- OPAC- Office Proficiency Assessment Certification
  - MOS- Microsoft Office Specialist

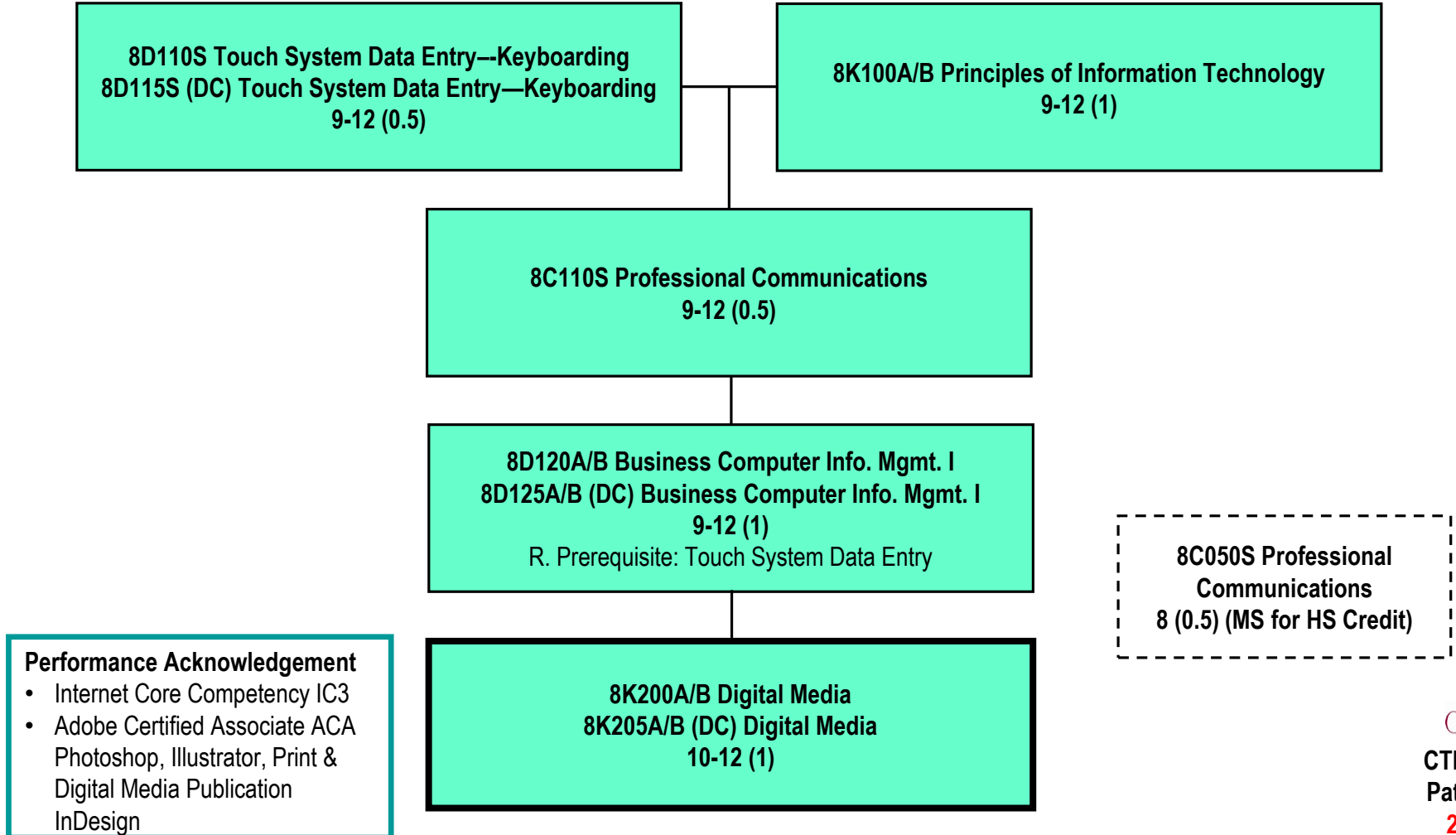
8C110S Professional Communications  
9-12 (0.5)  
8C050S Professional Communications  
8 (0.5) (MS for HS Credit)

# Hospitality or Culinary



**Performance Acknowledgement:**  
ServSafe

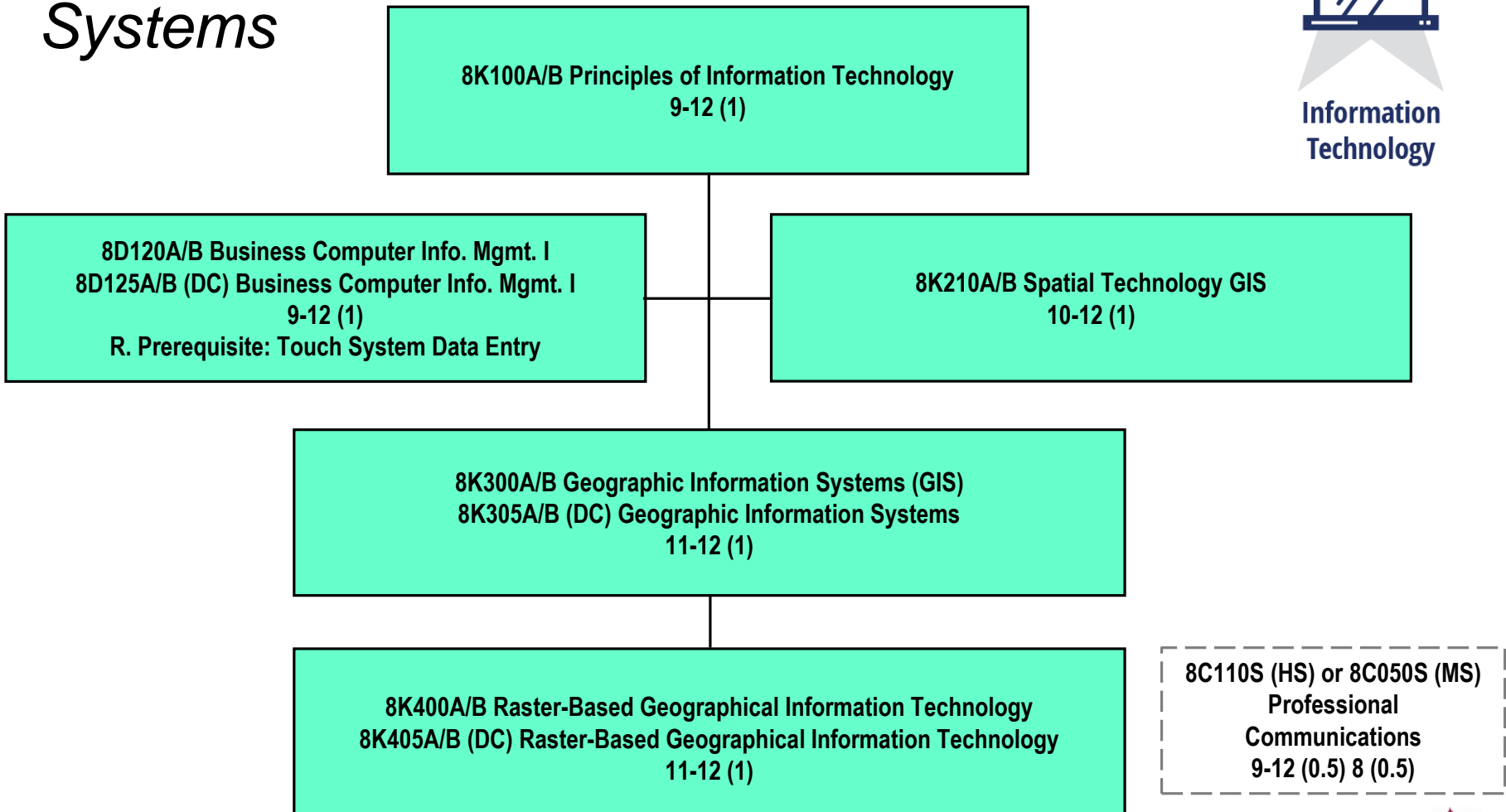
# Digital Media



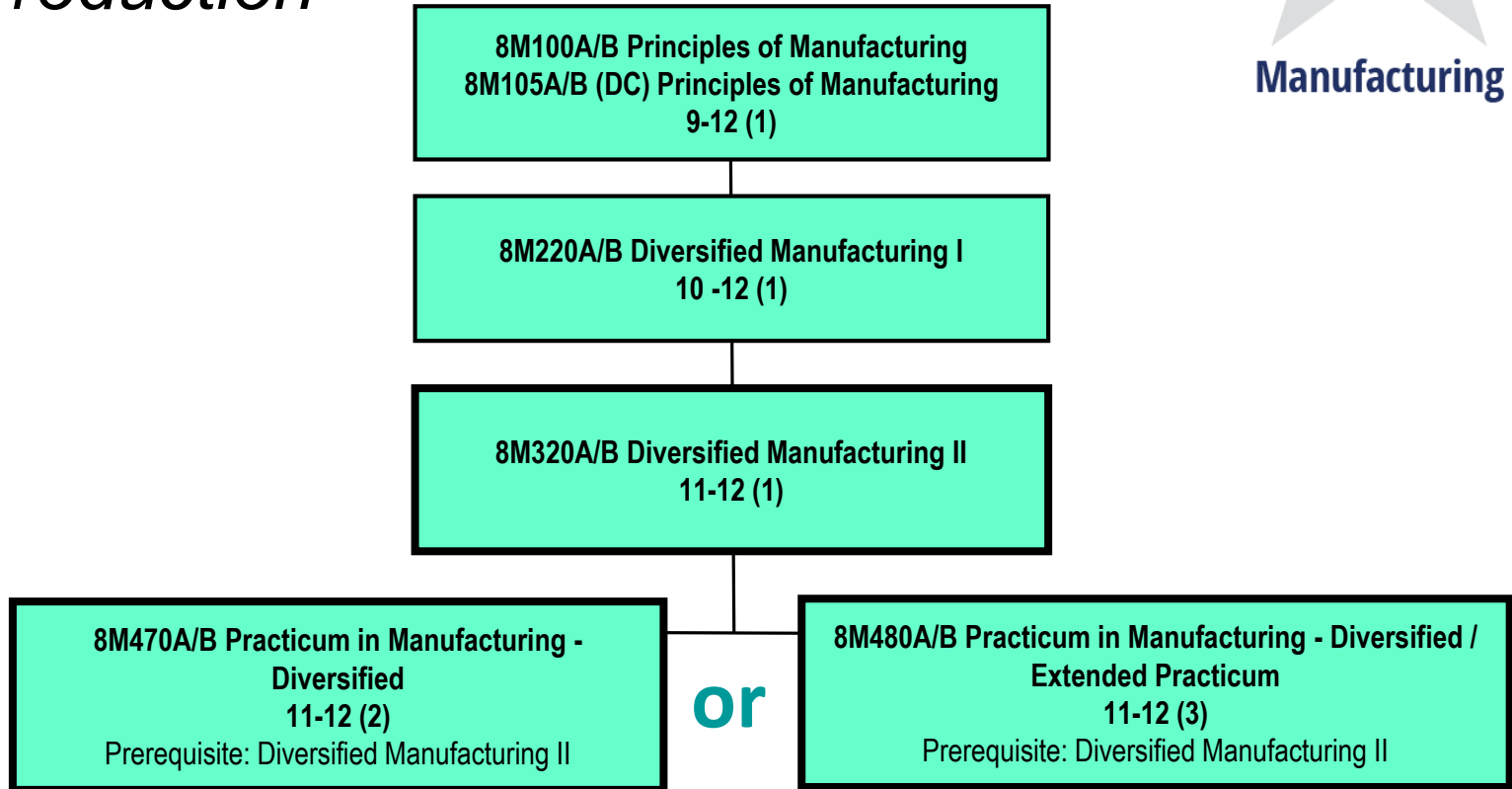
## Performance Acknowledgement

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

# Geographic Information Systems



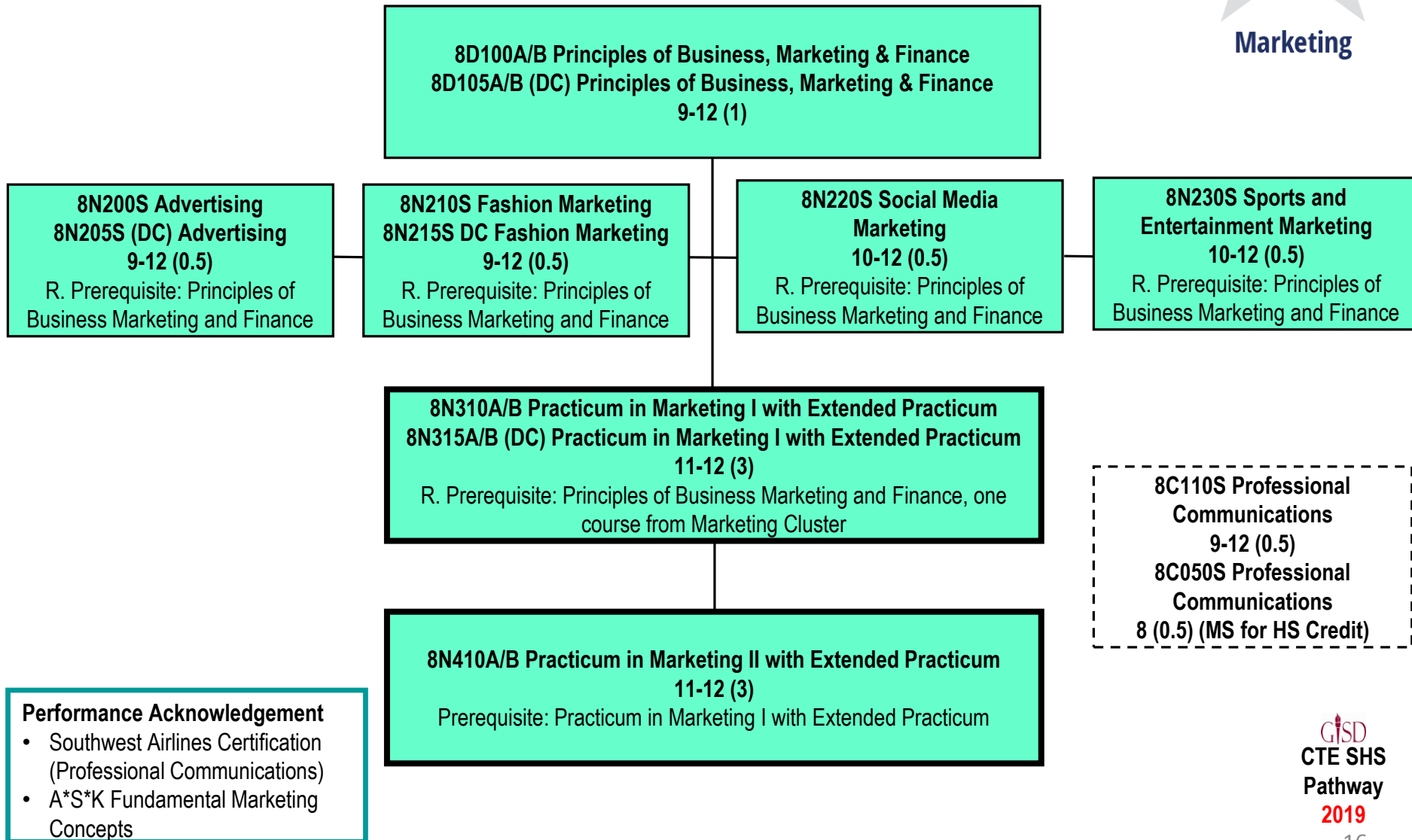
# Manufacturing Production



## Performance Acknowledgement

- NIMS- National Institute for Metalworking Skills- Certification Level 1
- OSHA

# Sales Manager





# Garland ISD Career and Technical Education Career Clusters Sachse High School

## Public Services Endorsement



**Education  
& Training**

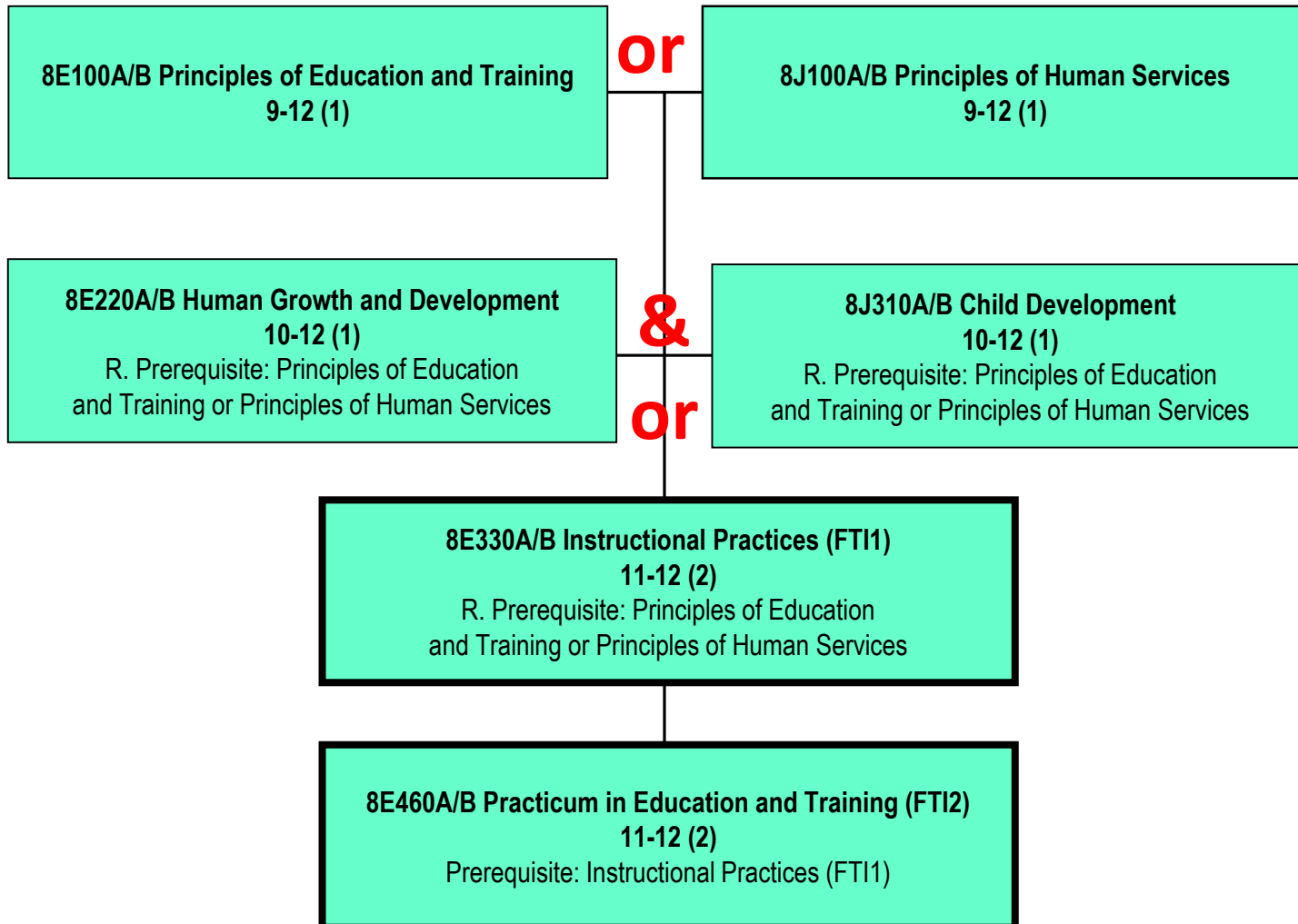


**Health Science**



**Human  
Services**

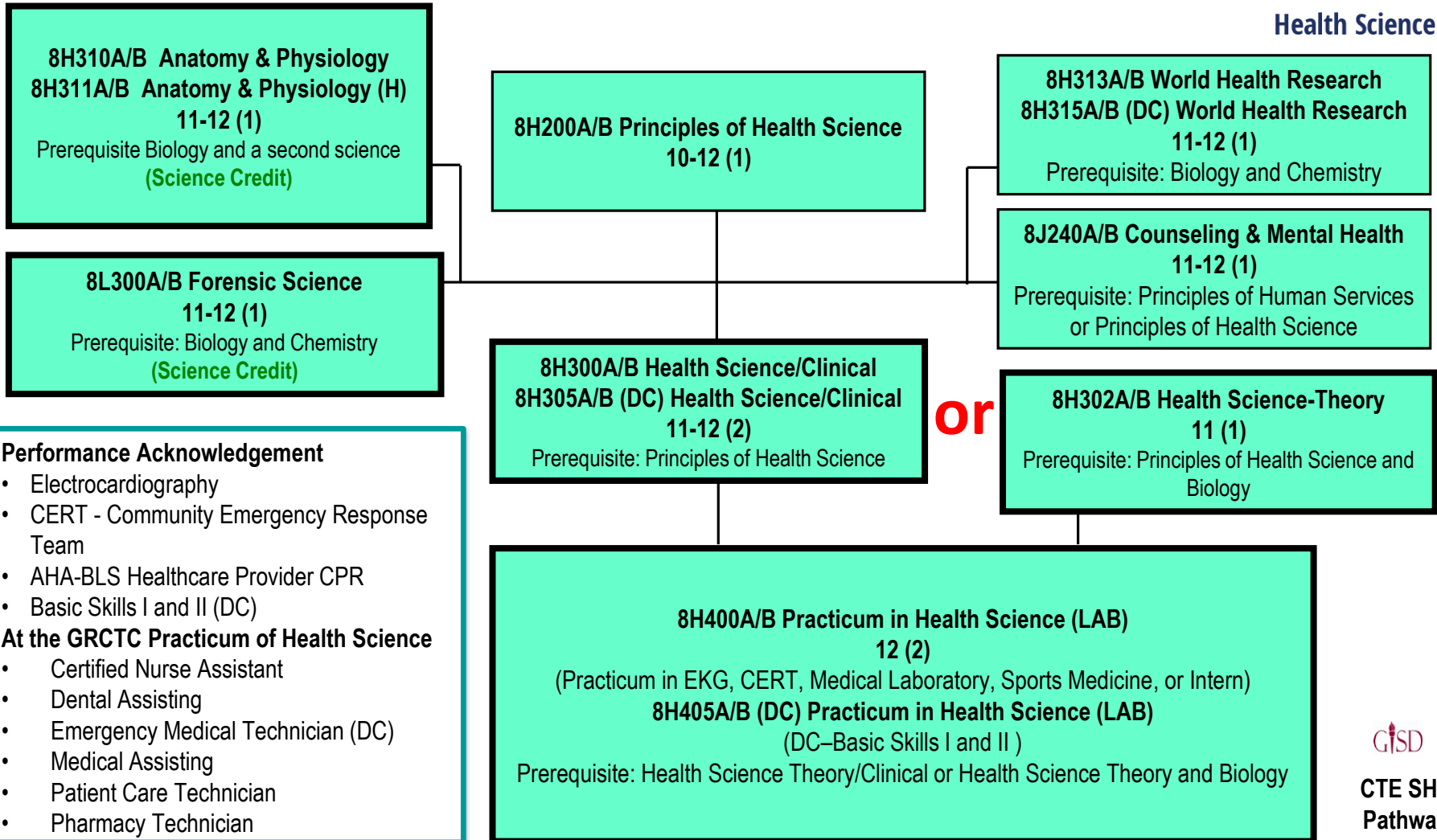
# Education and Training



# Health Science



Health Science

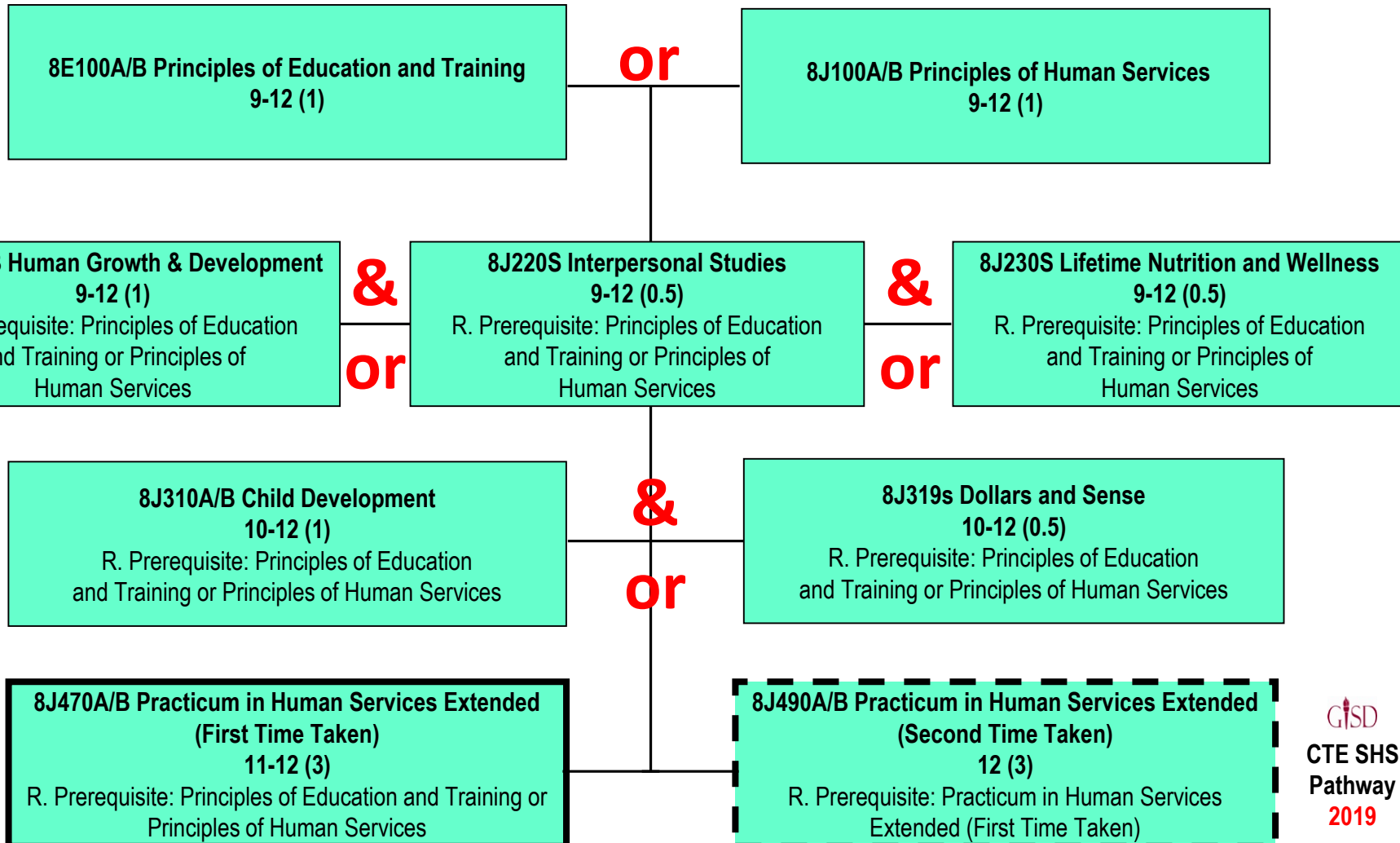


CTE SHS  
 Pathway  
 2019

# Human Services



Human  
Services



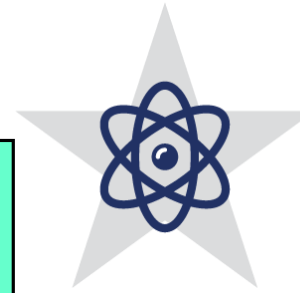
# Garland ISD Career and Technical Education Career Clusters Sachse High School

## STEM Endorsement

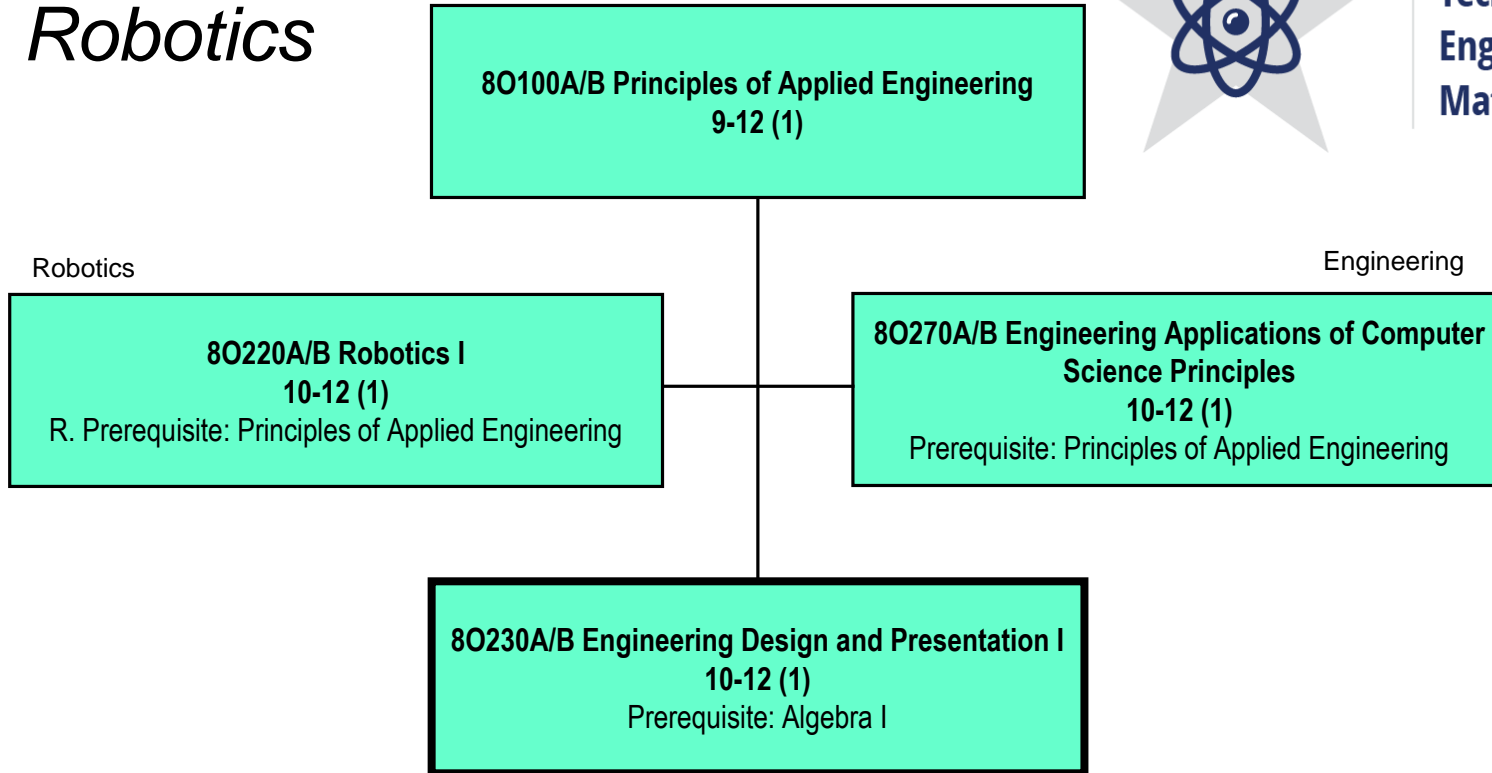


**Science,  
Technology,  
Engineering &  
Mathematics**

# Engineering and Robotics



Science,  
Technology,  
Engineering &  
Mathematics



STEM Endorsement requires Algebra II,  
Chemistry and Physics

## Performance Acknowledgement

- Autodesk Autocad User
- Autodesk Inventor