Business & Industry Endorsement
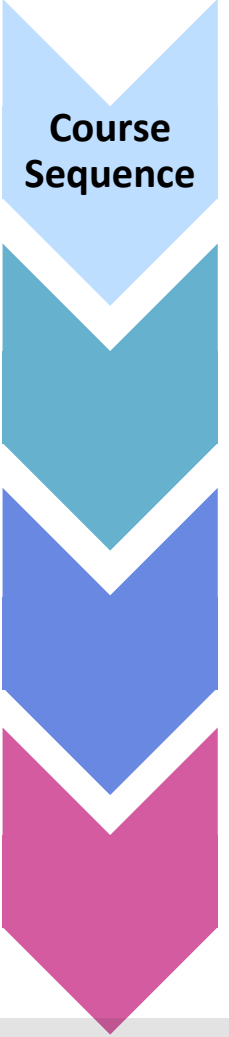
Information Technology
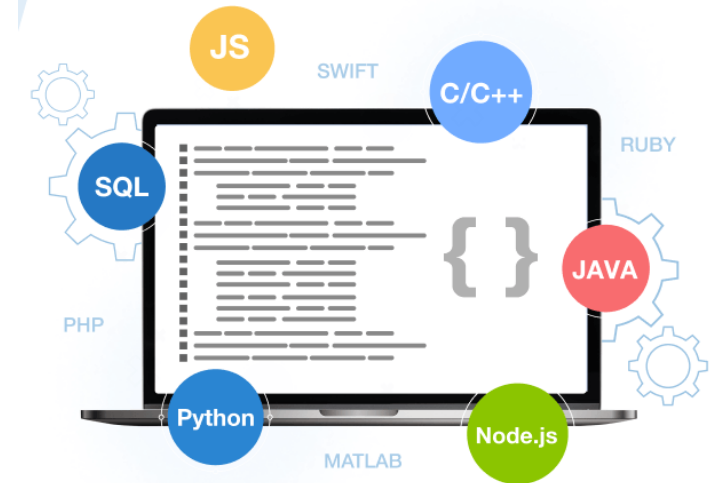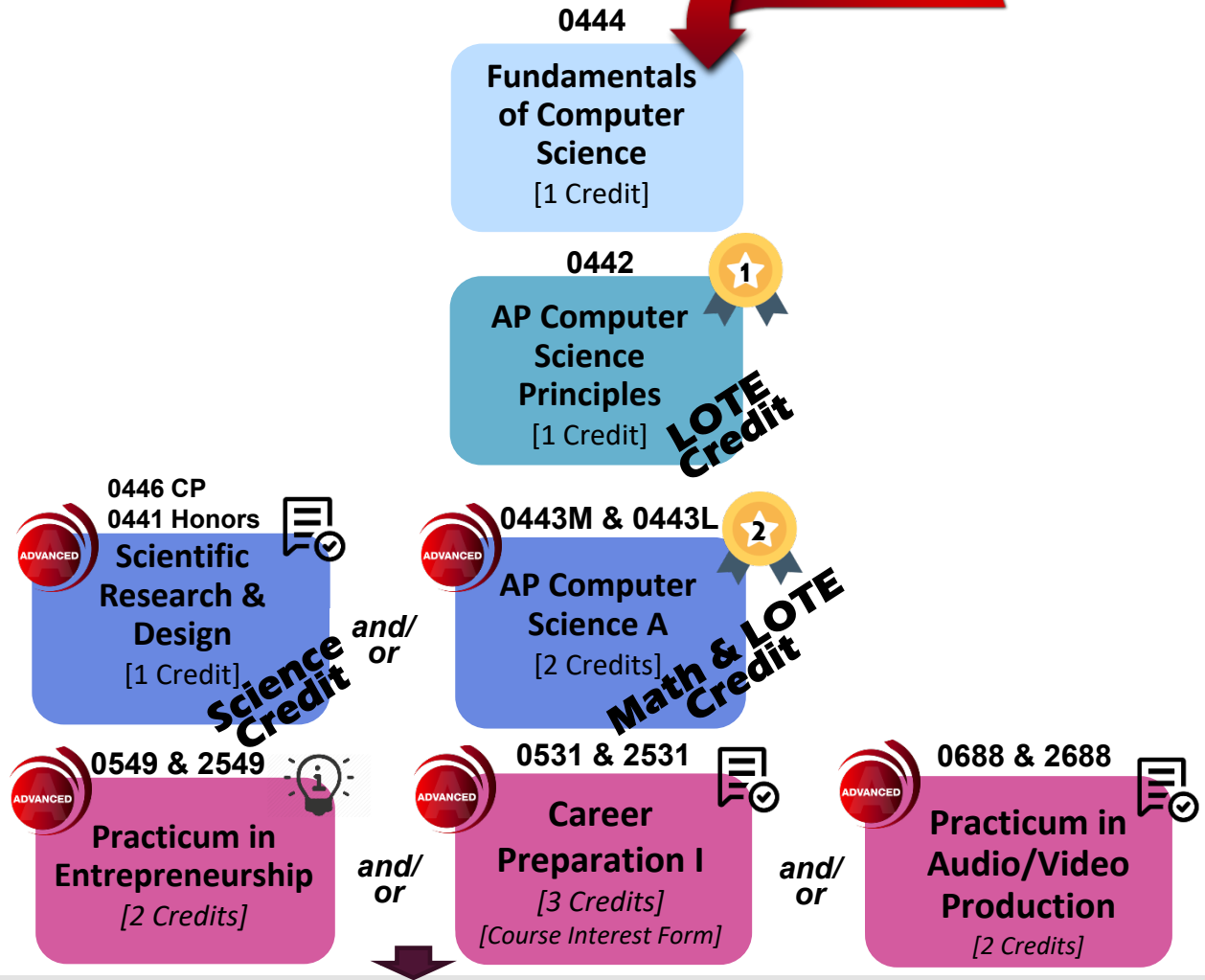
Programming and Software Development Program of Study

START HERE!

Course Sequence

Career Examples:
- *Computer Programmer*
- *Software Developer*
- *Web Developer*

0444
Fundamentals of Computer Science
[1 Credit]

0442
AP Computer Science Principles
[1 Credit]

LOTE Credit

0446 CP
0441 Honors
ADVANCED
Scientific Research & Design
[1 Credit]

Science Credit

and/ or

0443M & 0443L
ADVANCED
AP Computer Science A
[2 Credits]

Math & LOTE Credit

0549 & 2549
ADVANCED
Practicum in Entrepreneurship
[2 Credits]

and/ or

0531 & 2531
ADVANCED
Career Preparation I
[3 Credits]
[Course Interest Form]

and/ or

0688 & 2688
ADVANCED
Practicum in Audio/Video Production
[2 Credits]

Certifications Offered

1. CodeHS Python Level 1 and
   Certified Entry-Level Python Programmer (PCEP) (upon passing CodeHS IBC)
2. Information Technology Specialist: Java

Advanced Course
Pre-requisite Course Requirement
CTE Innovative Course

JS · SWIFT · C/C++ · RUBY · SQL · PHP · Python · MATLAB · Node.js · JAVA