

Career, Technical and Agricultural Education (CTAE)

Curriculum Revision Phase I

Summary & Coding Explanation

Program Concentration

Career Pathway

Courses (* indicates courses to be included on End-of-Pathway Assessments)

Coding

All courses are coded by Program Concentration, Course and Number. Abbreviations have been provided below for each course within the pathways.

Program Concentration: AGRICULTURE

Agriscience Career Pathway

Course Titles:

- * Basic Agricultural Science and Technology (AG – BAS)
- * Animal Science Technology/Biotechnology (AG – ASB)
- * Plant Science and Biotechnology (AG – PSB)
- Biotechnology (AG-NL)

Program Concentration: ARCHITECTURE, CONSTRUCTION, COMMUNICATIONS & TRANSPORTATION

Transportation Logistical Operations Career Pathway

Course Titles:

- * Foundations of Transportation & Logistics (ACT – FTL)
- * Electrical/Electronic Systems and Design (ACT – ESD)
- * Heating, Ventilation and Air Conditioning Concepts (ACT – HVACR)
- Preventative Maintenance Inspection (ACT – PMI)
- Transportation Logistics Internship (ACT – TLI)

Transportation Logistical Support Career Pathway

Course Titles:

- * Foundations of Transportation & Logistics (ACT – FTL)
- * Electrical/Electronic Systems and Design (ACT – ESD)
- * Chassis System and Design (ACT – CSD)
- Engine Performance Concepts (ACT – EPC)
- Transportation Logistics Internship (ACT – TLI)

Program Concentration: BUSINESS & COMPUTER SCIENCE

Small Business Development Career Pathway

Course Titles:

- * Business Essentials (BCS – BE)
- * Legal Environment of Business (BCS – LEB)
- * Entrepreneurial Ventures (BCS – EV)

Computing Career Pathway

Course Titles:

- * Computing in the Modern World (BCS – CMW)
- * Beginning Programming (BCS – BP)
- * Intermediate Programming (BCS – IP)
- AP Computer Science A
- AP Computer Science AB

Program Concentration: ENGINEERING & TECHNOLOGY

Engineering Career Pathway

Course Titles:

- * Foundations of Engineering and Technology (ENGR – FET)
- * Engineering Concepts (ENGR – EC)
- * Engineering Applications (ENGR – EA)
- Research, Design, and Project Management (ENGR – RDPM)
- Engineering Internship (ENGR-EI)

Program Concentration: HEALTHCARE SCIENCE

Therapeutic Nursing Essentials Career Pathway

Course Titles:

- * Introduction to Healthcare Science (HS – IHS)
- * Application of Therapeutic Services (HS – ATS)
- * Nursing Essentials (HS – NE)
- Therapeutic Services Nursing Internship (HS-TSNI)

Program Concentration: MARKETING, SALES & SERVICES

Marketing & Management Career Pathway

Course Titles:

- * Marketing Principles (MKT – MP)
- * Entrepreneurship: Building a Business (MKT – EN)
- * Advanced Marketing (MKT – AM)
- Marketing Research (MKT – MR)
- International Business & Marketing (MKT – IBM)
- Professional Sales & Promotion (MKT –PSP)