

## CTE Program of Studies

### **Academy of Health Program** FHS only

#### **Agriculture -Animal Science** (3 credits) Ind.Cert

492351 Introduction to Agricultural Science and Technology \$

492000 Pre-Vet, Small Animal Care

493000 Pre-Vet, Large Animal Science

#### **Agriculture Mechanics** (3 credits) available at CHS, LHS, MHS and WHS Industry Cert.

491050 Engine and Power Technology 1

491051 Engine and Power Technology 2

491361 Advanced Mechanics

#### **Automotive Mechanics** (5 credits) BHS only; Ind. Cert

492110 Automotive Mechanics 1 (1 credit)

492130 Automotive Mechanics 2 (2 credits)

494111 Automotive Mechanics 3 (2 credits)

#### **Biomedical Sciences** (4 credits) THS only; Ind. Cert

395100 Principles of Biomedical Sciences

391000 Human Body Systems

391200 Medical Interventions

391100 Biomedical Innovation

#### **Business Administrative Services** (4 credits) Ind. Cert.

331010 Principles of Business Management and Entrepreneurship \$

332040 Principles of Finance and Accounting \$

335111 Office Systems Management 1

335121 Office Systems Management 2

#### **Business Management** (3 credits) Ind. Cert

331010 Principles of Business Management and Entrepreneurship \$

332040 Principles of Finance and Accounting \$

333090 Advanced Business Management or BMGT 109

#### **Career Research & Development** (3 credits) Ind. Cert

498000 Intro to Career Research & Development \$ **OR**

498110 Career and College Prep \$

494510 Advanced Career Research Prep and Transition \$

Work Study - 1 credit See page 2 for course numbers

#### **Child Development** (4 credits) New sequence eff SY22-23:

362040 CD 1 Growth and Development

363061 Preschool Learning Strategies and Observations

363041 Preschool Methods and Materials or ECED 125

362041 CD 4 Early Childhood as a Profession \$ or Work based Learning see page 2 for course numbers

#### **Culinary and Hospitality** (4 credits) FHS only; Ind. Cert

362070 Culinary 1

363070 Culinary 2

364070 Hospitality Management

Work Based Learning Experience See page 2 for course numbers

#### **Computer and Informational Sciences** (3-4 credits)AP

349910 Foundations of Computer Science\*

*\*If this course is taken as the Comp Science & Engineering graduation credit, it will not count as part of the completer*

344042 Advanced Computing Concepts

343012 AP Computer Sciences Principles

343011 AP Computer Science A or Intern/College Course

#### **Finance and Accounting** (3 credits) Ind. Cert

331010 Principles of Business Management and

Entrepreneurship or BMGT 103 \$

332040 Principles of Finance and Accounting \$

333041 Advanced Finance & Accounting

#### **Horticulture (Plants)** (3 credits)

492351 Introduction to Agricultural Science and Technology \$

491030 Horticulture/Floriculture I

492031 Horticulture/Floriculture II

#### **Horticulture (Plants)** (4 credits)

492351 Intro to Agricultural Science and Technology \$

491030 Horticulture/Floriculture I

532000 Advanced Floral at CTC

#### **NJROTC** (3 credits for completer) TJHS Added as a CTE Completer 2020

568810 Naval Science 1

568820 Naval Science 2

568830 Naval Science 3

568840 Naval Science 4

#### **Business Marketing** Ind.Cert

331010 Principles of Business Management & Entrep. \$

332040 Principles of Finance and Accounting \$

338000 Principles of Marketing

#### **PLTW Engineering** (4 credits) LHS, THS, WHS only; Ind Cert

497011 Introduction to Engineering Design (For Comp Sci Eng Graduation Credit )

497000 Principles of Engineering

497001 Engineering Design and Development

SpecialityCourse: 497301 Digital Elec. (ALL) / 497401 Civil (LHS)

/ 491200 Aerospace Engineering (WHS) / 497201 Comp.

Integrated Manufacturing (THS)

#### **Wood, Design and Application (formerly Woodworking)**

(4 credits) Ind. Cert

496120 Wood Design and Application (WDA) 1

496220 Wood Design and Application (WDA) 2

496321 Wood Design and Application (WDA) 3

496421 Wood Design and Application (WDA) 4

or Work Based Learning - starting 2022

#### **Youth Apprentice**

1 Credit Related Instruction (Contact CTE Sup for course #)

3 Credits Youth Apprentice Program See page 2 for course numbers

**High school courses will be offered pending sufficient enrollment.**

**\$-Fulfills financial literacy requirement**

Updated 12/07/21

**CTE Program of Studies**

MORE OPTIONS NEXT PAGE

**CTE COMPLETER WORK STUDY AND INTERNSHIPS FOR CAPSTONE COMPLETER COURSE**

**CRD Work Study Course Numbers**

494470	A	0.5 credit	Grade 12
494480	B	0.5 credit	Grade 12
494410	A	1 credit	Grade 12
494420	B	1 credit	Grade 12
494490	A	1.5 credits	Grade 12
494400	B	1.5 credits	Grade 12
494500	A	2 credits	Grade 12
494520	B	2 credits	Grade 12
494430	A	3 credits	Grade 12
494440	B	3 credits	Grade 12
494450	A	4 credits	Grade 12
494460	B	4 credits	Grade 12
495560	1	1 credit	Grade 12
495570	2	2 credits	Grade 12
495580	3	3 credits	Grade 12

**Child Development Int/Work Study Course numbers**

360001	Child Dev Mentor Int 1A	1 credit	Grade 12
360005	Child Dev Mentor Int 1B	1 credit	Grade 12
360002	Child Dev Mentor Int 2A	2 credits	Grade 12
360006	Child Dev Mentor Int 2B	2 credits	Grade 12
360003	Child Dev Mentor Int 3A	3 credits	Grade 12
360007	Child Dev Mentor Int 3B	3 credits	Grade 12
360004	Child Dev Mentor Int 4A	4 credits	Grade 12
360008	Child Dev Mentor Int 4B	4 credits	Grade 12
360010	Child Dev Work Study 1A	1 credit	Grade 12
360011	Child Dev Work Study 1B	1 credit	Grade 12
360020	Child Dev Work Study 2A	2 credits	Grade 12
360021	Child Dev Work Study 2B	2 credits	Grade 12

**Culinary/Hospitality Int/Work Study Course Numbers**

360031	Culinary/Hospitality Int 1A	1 credit	Grade 12
360035	Culinary/Hospitality Int 1B	1 credit	Grade 12
360032	Culinary/Hospitality Int 2A	2 credits	Grade 12
360036	Culinary/Hospitality Int 2B	2 credits	Grade 12
360033	Culinary/Hospitality Int 3A	3 credits	Grade 12
360037	Culinary/Hospitality Int 3B	3 credits	Grade 12
360034	Culinary/Hospitality Int 4A	4 credits	Grade 12
360038	Culinary/Hospitality Int 4B	4 credits	Grade 12
360040	Culinary/Hosp. Work Study 1A	1 credit	Grade 12
360041	Culinary/Hosp. Work Study 1B	1 credit	Grade 12
360050	Culinary/Hosp. Work Study 2A	2 credits	Grade 12
360051	Culinary/Hosp. Work Study 2B	2 credits	Grade 12

**Youth Apprenticeship Course Numbers**

495701	A Youth Apprenticeship	1 credit	Grades 11 -12
495702	B Youth Apprenticeship	1 credit	Grades 11 -12
495703	A Youth Apprenticeship	2 credits	Grades 11 -12
495704	B Youth Apprenticeship	2 credits	Grades 11 -12

**PERSONAL FINANCIAL LITERACY**

*Students must fulfill the 0.5 Personal Financial Literacy requirement through enrollment in one or more courses from the following menu:*

Advanced Career Development, Preparation, and Transition (3 <sup>rd</sup> course in CRD 3 credit CTE Completer)	495500(
Intro to Agricultural Science and Technology (1 <sup>st</sup> course requirement for Pre Vet and Horticulture 3 credit CTE Completers)	492351
CD 4 Early Childhood as a Profession (4 <sup>th</sup> course in 4 credit CTE Completer)	363061
Principles of Business Management and Entrepreneurship (1 <sup>st</sup> course requirement for all four CTE Business Completers)	331010
Introduction to Career Research and Development (1 <sup>st</sup> course option for 3 credit CRD Completer)	498000
Managing your Personal Finance	336040
Money, Finance and Economics	164370
NJROTC – Naval Science 2 (2 <sup>nd</sup> course in CTE Completer)	568820
Principles of Finance and Accounting	332040
Economics and Geography	164070
Agri-Business at CTC	530004
Entrepreneurship and Small Business at CTC	530005
Career and College Prep (1 <sup>st</sup> course option for 3 credit CRD Completer)	498110

*High school courses will be offered pending sufficient enrollment.*

*§-Fulfills financial literacy requirement*