



TECHNICAL CAREERS ADVANCED OPPORTUNITIES

2015-2016 School Year

Please check our website often for additions, subtractions and requirement modifications of articulated courses available at your participating high school.

http://www.eitc.edu/techprep_highschools.cfm

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Advanced Opportunities

Technical Careers High School 2015-2016 School Year



Welding

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
TI 1401 AND TI 1402	Welding I AND Welding II	1 Semester			
TI 1403	Welding III	1 Semester	WLD 104* AND/OR WLD 118*	Oxy-Acetylene Cutting and Welding Basic Arc Welding	2 4

*Hands-on skill assessment will be given to determine credits earned.

Automotive Technology

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
TI 0201 AND TI 0202	Automotive Technology Level I AND Automotive Technology Level II	1 Semester 1 Semester			
TI 0203	Automotive Technology Level III	1 Semester	ASE 151 MTD 101	Automotive Brake Systems * MTD Industrial Safety*	2 3

*The high school instructor will verify student's knowledge and skills before credit is awarded.

Health Professions

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
PTEH301	Fundamentals for Health Professions* (IDLA)	1 Semester	HCT 100	Introduction to Health Professions	2
PTEH303	Medical Terminology for Healthcare* (IDLA)	1 Semester	HCT 101	Medical Terminology	2

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Auto Collision Repair and Refinishing

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
TI0101	Collision and Refinishing I AND	1 sem	ACRR0146	Intro to Auto Collision & Refinish	8
TI0102	Collision and Refinishing II	2 sem			
TI0103	Collision and Refinishing III	2 sem	ACRR0147	Minor Collision Repair & Refinish	8

Electronics

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
TI0501	Electronics Technology I	1 sem	ESET 0103	Intro to Electronics	1
			ESET 0103L	Intro to Electronics Lab	1
TI0502	Electronics Technology II	1 year	ESET 0104	DC Electronics Theory	2
			ESET 0104L	DC Electronics Lab	2
TI0503	Electronics Technology III	1 year	ESET 0105	AC Electronics Theory	4
			ESET 0105L	AC Electronics Lab	2
Successful Completion (75% or higher) of ISU Electronics Articulation Test (Bypass 1 st Semester of Core Curriculum)			ESET 0103/0103L		(2)
			ESET 0104/0104L		(4)
			ESET 0105/0105L		(6)
			ESET 0106		2

***The above courses are also equivalent to the 1st semester core of the Robotics and Communication Systems Engineering Technology program**

RECT 0141- Applied Mathematics 1-4cr

RCET 0153- Electronics Theory – 5cr

RCET 0155- Electronics Lab – 5cr

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Construction/Drafting

HS COURSE # (from Titles and Codes)	HS COURSE TITLE	COURSE LENGTH	COLLEGE COURSE #	COLLEGE COURSE TITLE	CREDITS
TI 1101	Residential Construction I		CARP 141	Intro to Residential Carpentry	3
TI 1102	Residential Construction II				
TI 1103	Residential Construction III		CARP 142	Safe & Savvy Tool Use	3