

# Technical Honors Diploma at a Glance through Class of 2015

(as of 6/09, dual credits may also be used toward Academic Honors Diploma) 4/16/14

Program Name <i>w/state course #</i>	WorkKeys	2013-14 Dual Credit Earned with Ivy Tech <i>(unless otherwise noted)</i>	Qualifies for Coop or Internship Class	Qualifies for an Industry Based Work Experience	State Certifications
<b>Career Center Classes</b>					
<b>Auto Service Technology I 5510</b>	Not Available	AUTC100 (1) Introduction to Automotive (sem 1) AUTC107 (3) Engine Fundamentals (sem 2) AUTC 122 (3) Braking Systems (previously AUTC 121—sem. 2)	No	No	None
<b>Auto Service Technology II 5546</b>	Not Available	AUTC100 (1) Introduction to Automotive (sem 1)—for 13-14 only ; thereafter for Auto 1 only AUTC109 (3) Engine Performance 1 (sem 2) AUTC 113 (4) Electrical & Electronics I (sem 2) AUTC127 (3) Engine Repair (sem 2) AUTC 122 (3) Braking Systems (sem. 2; I think this will be for 13-14 only; thereafter, the credit is earned in Auto 1)	No	With Teacher Recommendation	
<b>CAD &amp; Animation I 4836</b>	Not Available	DESN 103 (3) CAD Fundamentals DESN104 (3) Mechanical Graphics	No	No	Certified SolidWorks Associate (CSWA)
<b>CAD &amp; Animation II 4838</b>	Not Available	DESN 108 (3) Residential Design	No	With Teacher Recommendation	Certified SolidWorks Associate (CSWA)

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<b>Construction Technology I 5580</b>	Not Available	BCOT 104 (3) Floor & Wall Layout CONT 101 (3) Intro to Construction Tech <b>CONT 102 (3) Construction Materials</b> <i>(just added 11/7/13)</i>	No	No	No
<b>Construction Technology II 5578</b>	Not Available	BCOT 105 (3) Roof Construction BCOT 113 (3) Interior Trim <i>(Course number changed from BCOT 221 by Ivy Tech)</i> <b>BCOT 114 (3) Exterior Trim</b> <i>(course moved from Construction I to II as of 11/2013)</i>	No	With Teacher Recommendation	None
<b>Electronics &amp; Computer Technology I 5684</b>	Not Available	ELEC100 (5) Basic Electricity— <i>Vincennes University</i> ELEC130 (4) Digital Logic 1— <i>Vincennes University</i> INDT113 (3) Basic Electricity— <i>Ivy Tech*</i> <i>*Subject to Accuplacer Assessment in math</i>	No	No	ETA Int'l--Associate Certified Electronics Technician (ACE) ETA Int'l--Student Electronics Technician (SET)
<b>Electronics &amp; Computer Technology II 5694</b>	Not Available	ELEC130 (4) Digital Logic 1— <i>Vincennes University</i> INDT103 (3) Motors & Motor Controls*— <i>Ivy Tech</i> <i>*Subject to Accuplacer Assessment in math</i> <i>For 2014-15, the following will probably be offered for second-year students instead of ELEC130: ELEC110 (6) Basic Component &amp; Circuit Analysis—Vincennes University</i>	No	With Teacher Recommendation	ETA Int'l--Associate Certified Electronics Technician (ACE) ETA Int'l--Student Electronics Technician (SET)

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<b>Entrepreneurship/ Sports &amp; Ent. Marketing (a.m.)</b> <i>Student gets 4 credits for Entrepreneurship &amp; New Ventures 5966 and 2 credits for Sports &amp; Entertainment Marketing 5984. Non-traditional credit for Economics 1514 allowed if home school permits—separate grade reported on request for sem. 1.</i>	Not Available	BUSN 101 (3) Intro to Business* MKTG 101 (3) Principles of Marketing* <i>*Subject to Accuplacer Assessment Reading, Writing, Math</i>	No	No	ASK Institute Fundamental Marketing Concepts
<b>Health Careers (Health Science Education I) 5282</b> <i>(Two of the 6 credits can count as Anatomy &amp; Physiology 5276 if home school allows—separate grades provided starting 2014-15)</i>	Not Available	HLHS 100 (3) Intro to Health Careers HLHS 101 (3) Medical Terminology* <i>*Subject to Accuplacer Assessment Reading, Writing</i>	No	No	CPR/AED/AHA
<b>Health Occupations (Health Science Education II) 5284</b>	Not Available	HLHS 101 (3) Medical Terminology* HLHS 107 (5) CNA Preparation <i>HHS 107 issued only if student obtains CNA *Subject to Accuplacer Assessment Reading, Writing</i>	No	With Teacher Recommendation	CPR/AED/AHA and most obtain C.N.A. (Certified Nursing Asst.)

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<b>(Strategic) Marketing Internship (p.m.)</b> <i>Student gets 4 credits for Strategic Marketing 5918 and 2 for Principles of Marketing 5914</i>	Not Available	BUSN 101 (3) Intro to Business* MKTG 101 (3) Principles of Marketing* or BUSN 105 (3) Principles of Management* <i>BUSN 108 (3) Personal Finance dropped statewide for 2013-14</i>	Yes	No	ASK Institute Fundamental Marketing Concepts
<b>Precision Machining I 5782</b>	Not Available	PMTD110/L (3) Manufacturing Processes w/lab PMTD117 (3) Basic Machining <i>All from Vincennes University</i>	No	No	No
<b>Precision Machining II 5784</b>	Not Available	PMTD118 (3) Basic Machining II <i>From Vincennes University</i>	No	With Teacher Recommendation	National Institute of Metalworking Skills (NIMS)—many, many steps to accomplish
<b>Video Productions/ Media Studies I 5986</b>	Not Available	MCOM 102 Intro to Audio-Video Production (3) <i>From Vincennes University</i>	No	No	No
<b>Video Productions/ Media Studies II 5992</b>	Not Available	MDIA 140 (3) Beginning Television Production* <i>*Subject to Accuplacer Assessment Reading, Writing From Vincennes University</i>	No	With Teacher Recommendation	Final Cut Pro (an occasional student)
<b>Portage Programs</b>					

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<b>Auto Technology I</b> 5510	Not Available	AUTC100 (1) Introduction to Automotive (sem 1) AUTC107 (3) Engine Fundamentals (sem 2) AUTC 122 (3) Braking Systems (previously AUTC 121—sem. 2)	No	No	No
<b>Auto Technology</b> <b>II</b> 5546	Not Available	AUTC100 (1) Introduction to Automotive (sem 1)—for 13-14 only ; thereafter for Auto 1 only AUTC109 (3) Engine Performance 1 (sem 2) AUTC 113 (4) Electrical & Electronics I (sem 2) AUTC127 (3) Engine Repair (sem 2) AUTC 122 (3) Braking Systems (sem. 2; I think this will be for 13-14 only; thereafter, the credit is earned in Auto 1)	No	With Teacher Recommendation	
<b>Construction</b> <b>Technology I</b> 5580	Not Available	None—hoping for future arrangement with Ivy Tech	No	No	No
<b>Construction</b> <b>Technology II</b> 5578	Not Available	None—hoping for future arrangement with Ivy Tech	No	With Teacher Recommendation, but Unlikely	None
<b>Dental Careers I</b> 5203	Not Available	H242 (1) Intro to Dentistry (\$25 fee; waived for student on free/reduced lunch) Indiana University Northwest	No	Possible, teacher sponsored and can't be part of routine internship	CPR/AED/AHA through American Red Cross

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<b>Diesel Service Tech I 5620</b>	Not Available	None	No	No	None
<b>Diesel Service Tech II 5624</b>	Not Available	None	No	Possible with Teacher Recommendation and Supervision	None
<b>Early Childhood Education I 5412</b>	Not Available	ECED 100 (3) Introduction to ECE* ECED 101 (3) Health, Safety & Nutrition* <i>*Subject to ACCUPLACER Assessment Reading, Writing</i>	No	No	None
<b>Early Childhood Education II 5406</b>	Not Available	ECED 103 (3) Curriculum in Early Childhood* ECED 105 (3) CDA Process* <i>*Subject to ACCUPLACER Assessment Reading, Writing</i>	No	Yes	CDA (Child Development Associate) Credential
<b>Industrial Mechanics I 5686</b>	Not Available	Class not offered in 2013-14 but revived for 2014-15; no dual credits so far	No	No	No
<b>Industrial Mechanics II 5686</b>	Not Available	Class not offered in 2013-14 or 2014-15	No	With Teacher Recommendation	None
<b>Health Science Education I (Med. Term./Anatomy) 5282</b> <i>(Two of the 6 credits can count as Anatomy &amp; Physiology 5276 if home school allows—separate grades provided starting 2014-15)</i>	Not Available	HLHS 101 (3) Medical Terminology* <i>*Subject to Accuplacer Assessment Reading, Writing</i> HLHS 100 (3) Health Careers	No	With Teacher Recommendation	CPR /AED/AHA

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<b>Graphic Imaging Technology I (Printing) 5572</b>	Not Available	None	No	No	No
<b>Graphic Imaging Tech II 5572</b>	Not Available	None	No	Available after completion of first year, during summer	No
<b>Work Study 5902</b>	Not Available		Yes	No	No
<b>Other CTE Classes</b>					
<b>(Cisco) Networking Fundamentals (Hobart) 5234</b>	Not Available	CPNS 101 (3) LAN Basics & OSI Model <small>(sem 1)</small> CPNS102 (3) WAN Basics & Routers <small>((sem 2)</small> <i>from Vincennes University</i>	No	No	CCNA (Cisco Certified Network Associate) <b>CCENT (Cisco Certified Entry Network Technician)</b>
<b>Construction Tech 1 (CHS) 5580</b>	Not Available	CONT 101 (3) Intro to Construction <b>BCOT 104 (3) Floor Wall Layout</b> <small>(course moved from Construction II to Construction I starting 2013-2014)</small> <b>CONT 102 (3) Construction Materials</b> <small>(just added 11/7/13)</small>	No	No	No

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<b>Construction Tech 2 (CHS) 5578</b>	Not Available	BCOT 105 (3) Roof Construction BCOT 113 (3) Interior Trim BCOT 114 (3) Exterior Trim	No	With Teacher Recommendation	None
<b>Cosmetology I 5802 Cosmetology II 5806 (Don Roberts)</b>					State Cosmetology license
<b>Criminal Justice II (Investigations) (Wheeler) 5824</b>	Not Available	LAW 106 (3) Intro to Traffic Control LAW 160 (3) Criminal Investigation <i>Both from Vincennes University</i>	No	No	CPR/AED/AHA Indiana Hunter/Firearms Safety Education Certificate <i>(does not count as certif. for THD)</i>
<b>Criminal Justice I (Wheeler) 5822</b>	Not Available	LAW 100 (3) Survey of Criminal Justice <i>from Vincennes University</i> LAW 150 (3) Introduction to Criminology <i>from Vincennes University</i>	No	No	CPR/AED/AHA Indiana Hunter/Firearms Safety Education Certificate <i>(does not count as certif. for THD)</i>
<b>Culinary Arts &amp; Hospitality I (Boone Grove) 5440</b>	Not Available	None—hoping for future plan with Ivy Tech	No	No	None
<b>Adv. Culinary Arts (Culinary II) (Boone Grove) 5346</b>					
<b>Early Childhood Education 1 (SELF School) 5412</b>	Not Available	ECED 100 (3) Intro to ECE* ECED 101 (3) Health, Safety & Nutrition* <i>*Subject to ACCUPLACER Assessment Reading, Writing</i>	No	No	None



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<b>Early Childhood Education II (SELF School) 5406</b>	Not Available	ECED 103 (3) Curriculum in Early Childhood* ECED 105 (3) CDA Process* <i>*Subject to ACCUPLACER Assessment Reading, Writing</i>	No	Yes	CDA (Child Development Associate) Credential
<b>Early Childhood Education 1 (Hobart) 5412</b>	Not Available	ECED 100 (3) Intro to ECE* ECED 101 (3) Health, Safety & Nutrition* <i>*Subject to ACCUPLACER Assessment Reading, Writing</i>	No	No	None
<b>Early Childhood Education II (Hobart) 5406</b>	Not Available	ECED 103 (3) Curriculum in Early Childhood* ECED 105 (3) CDA Process* <i>*Subject to ACCUPLACER Assessment Reading, Writing</i>	No	Yes	CDA (Child Development Associate) Credential
<b>Emergency Medical Services (Hobart) 5210</b>	Not Available	EMTB212 (6) Emergency Medical Technician <i>From Vincennes University</i>	No	No	CPR/AED/AHA; Indiana Firefighter Certification Basic & Mandatory; Emergency Medical Technician (EMT-B)
<b>Fundamentals of Sports Medicine (Health Science Education II) 5286—new course # for 2013-14</b>	Not Available	None			CPR/AED/AHA
<b>Horticulture Science I (Landscape @ Morgan) 5132</b>	Not Available	HORT 105 (3) Introduction to Landscape Horticulture <i>From Vincennes University</i>	No	No	Passport to Landscape Industry Certified (from Indiana Nursery & Landscape Assn.)

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<b>Landscape Management II (Morgan) 5136</b>	Not Available	HORT 105 (3) Introduction to Landscape Horticulture <i>From Vincennes University</i>	No	With Teacher Recommendation	Passport to Landscape Industry Certified (from Indiana Nursery & Landscape Assn.)
<b>Strategic Marketing (Field Exp) (Hobart)</b> <i>Student gets 4 credits for Strategic Marketing 5918 and 2 for Principles of Marketing 5914</i>	Not Available	None	Yes	No	None
<b>Welding Technology I (Ivy Tech) 5776</b>	Not Available	WELD 103 (3) Arc Welding 1 WELD 108 (3) Shielded Metal Arc 1 INDT 114 (3) Introductory Welding WELD 202 (3) Arc Welding 2 <i>(5/12/14 actually granted INDT106 Intro to Workplace &amp; Safety instead of above)</i> WELD 206 (3) Shielded Metal Arc 2 WELD 207 (3) Mig Welding	No	No	No
<b>Welding Technology II (Ivy Tech) 5778</b>	Not Available	INDT 106 (3) Intro to Workplace & Safety WELD 209 (3) Weld Certification WELD 210 (3) Weld Fabrication INDT 114 (3) Introductory Welding WELD 208 (3) Tig Welding INDT 102 (3) Intro to Print Reading or other 3-credit class	No	With Teacher Recommendation	AWS (American Welding Society)
<b>Work Study (CHS) 5902</b>	Not Available	<del>BUSN108 (3) Personal Finance</del> <i>dropped statewide for 2013-14</i>	Yes	No	None

Note: students cannot get duplicate dual credit

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Even though it says “not available” for WorkKeys, here are two resources:

South Suburban College  
 South Holland, IL

The business training site at 58 W. 162<sup>nd</sup> (Route 6) offers various kinds of testing, including WorkKeys. (This is NOT in the college building itself).

Contact: Lois Fuentes, [lfuentes@ssc.edu](mailto:lfuentes@ssc.edu) or (708) 225-5880

Cost for an individual: \$30 per test x 3 tests = \$90

Three tests needed = Reading for Information, Applied Math, Locating Information

Cost negotiable for a group—can handle 10 maximum by appointment

Test is pencil/paper. Results can be known on the spot.

I realize this is 40 miles from the career center, but you might have that special student who wants to pursue this test

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Lois also said that someone can take computer-based WorkKeys through South Suburban. This process is being updated.

**WorkKeys is now available at Ivy Tech Gary.** The version is computer-based but not online. A test candidate should go online to [www.act.org/workkeys/locations.html](http://www.act.org/workkeys/locations.html) to search for the test center. Use a zip code such as 46409 or 46383. Chose Ivy Tech Gary then click on “Register Online”. This will take the student to [www.act.org/actcenters/register.html](http://www.act.org/actcenters/register.html) where he/she should “Create an Account”. The student may now register/make an appointment and needs to choose these three tests: Reading for Information; Applied Mathematics; Locating Information. Cost is \$105 by credit card for the three tests. My source was Mark Lewers, [mlewers@ivytech.edu](mailto:mlewers@ivytech.edu). Phone (219) 981-4442

The lowest cost option is for a home school to administer pencil-and-paper WorkKeys at its school.

*Info updated 10/20/11*

10/8/12 Starting on this date, Ivy Tech is starting to use College Board’s Accuplacer assessment in place of Compass.

As the state rolls out Career Pathways, some certifications could be phased out as counting for THD.