NDHS

PROGRAMS

C-4 Vocational School

C-4 plays a crucial role in preparing students for the demands of the modern workforce by providing practical skills and hands-on training. C-4 focuses on specific pathways such as healthcare, information technology, building trades, welding, culinary, and several others.

Open to 11th and 12th-grade students.
Transportation is available for all programs except cosmetology

Work Based Learning

Work-based Learning Capstone is a stand-alone course that prepares students for college and careers. Work-based learning means sustained interactions with industry or community professionals in real workplace settings, to the extent practicable, or simulated environments at an educational institution that fosters in-depth, first-hand engagement with the tasks required of a given career field, that are aligned to curriculum and instruction. Work-based Learning Capstone experiences occur in workplaces and involve an employer assigning a student meaningful job tasks to develop his or her skills, knowledge, and readiness for work. A clear partnership agreement and training plan is developed by the student, teacher, and workplace mentor/supervisor to guide the student's work-based experiences and assist in evaluating achievement and performance.

Related Instruction, shall be organized and planned around the activities associated with the student's individual job and career objectives in a pathway; and shall be taught during the same semester the student is participating in the work-based experience. For a student to become employable, the related instruction should cover (a) employability skills, and (b) specific occupational competencies. Interested students must fill out an application for WBL in the spring of their junior year to be considered for this course

ICAP

Dual Credit grades go permanently on both your high school and college transcripts. A bad grade in a Dual Credit class affects your college GPA. Instead of starting college with a clean slate, you would start college on academic probation. There are also financial consequences. If you fail or withdraw from an ICAP class, you will not pay for additional courses until you pay for the next course, to make up for tax-payer money spent on failure.

Satisfactory Academic Progress (SAP) is a federal requirement financial aid recipients must meet to establish or maintain financial aid eligibility. The Financial Aid Office is required to monitor a student's academic progress to ensure they are successfully completing the courses needed to complete their educational program.
To remain in good financial aid standing at the College and retain eligibility for Title IV financial aid, students must maintain a minimum grade point average (GPA), complete the courses in which they enroll, and complete their program of study within a reasonable period of time. All students taking courses for credit will have financial aid SAP status evaluated at the end of each semester/term, including summer.

ICAP - College Classes

PSYC 101

CHEM 101

BIOL 101

SOCI 111

COMM 101

POLS 101

Indiana College Core

Ivy Tech Community College

Indiana College Core

(30 Credit Hours)

Speaking and Listening (3-6 credit hours) Written Communication (3-6 credit hours)

Quantitative Reasoning (3-15 credit hours) Scientific Ways of Knowing (3-15 credit hours)

Social and Behavioral Ways of Knowing (3-15 credit hours) Humanistic and Artistic Ways of Knowing (3-15 credit hours)

*Must have 15 Ivy Tech Credits

**Must have a GPA above 2.0

Total Credits: /30

Dual Credits at NDHS

Agribusiness Management AGRI 102 3
Animal Science AGRI 103 3
Plant & Soil Science AGRI 105 3
Ag Power I & II AGRI 106 3
ALS, Animals AGRI 107 3
ALS, Plants & Soils AGRI 109 3
Natural Resources AGRI 115 3
Horticultural Science AGRI 116 3
Landscape Management I AGRI 164 3
Digital Apps & Responsibility CINS 101 3
Introduction to Business BUSN 101 3
Computers in Design & Production DESN 101 3
PLTW Intro to Eng Design DESN 101/113 6
PLTW Principles of Eng DESN 104 3
PLTW Civil Eng & Arch DESN 105 3
PLTW Digital Electronics EECT 112 3
Dual Credit English 12 ENGL 111/215 6
College Speech (IU ACP) SPCH S121 3
Human Development & Wellness HLHS 111 3
Finite Mathematics MATH 135 3
Pre-Calculus MATH 136 3
Trigonometry MATH 137 3
AP Calculus AB MATH 211 4
AP Chemistry CHEM 105 5
AP Biology BIOL 105 5
Spanish III SPAN 101/102 8
Spanish IV SPAN 201/202 6
Health Careers: Nursing I (SDHS) HLHS 100 3
Health Careers: Nursing II (SDHS) HLHS 107 3
Medical Terminology (SDHS) HLHS 101 3
Visual Communication VISC 115/102 6

Industrial Integration Academy

- Classroom

Advanced Manufacturing Technology ADV MFG TECH Advanced Manufacturing Technology introduces students to a variety of manufacturing processes and procedures that are used in real-world manufacturing environments. The course covers key electrical principles, (including current, voltage, resistance, power, inductance, capacitance, and transformers), as well as the basic principles of mechanical and fluid power. Additional course topics include, types of production, production materials, machining and tooling, manufacturing planning, production control, and product distribution. Students will be expected to understand the product life cycle from conception through distribution. This course also focuses on technologies used in production processes such as basic power systems, energy transfer systems, and machine operation. The course utilizes a combination of lecture, lab, online simulation, and programming to prepare students for Certified Production Technician Testing through Manufacturing Skill Standards Council (MSSC)

- Group members

Stephanie Spillman
Travis Dimmitt
Toby Walsman
Shane Miller

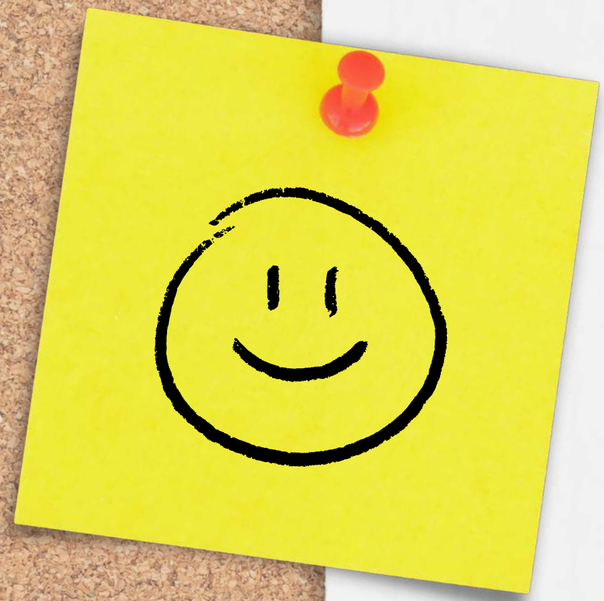
Honda Manf

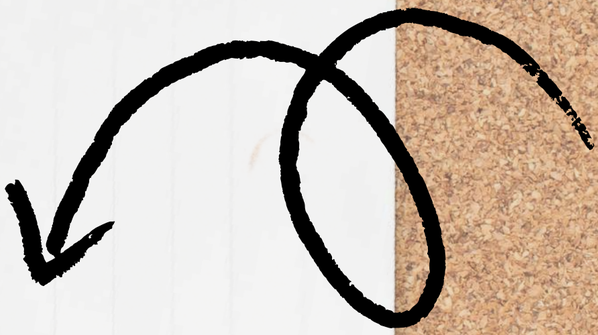
Delta Faucet

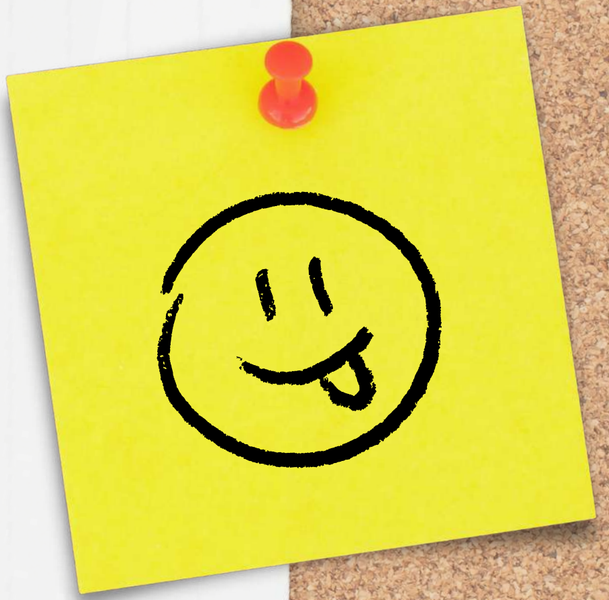
BT & D

Nipro

Brainstorm SESSION







By Connor Hamilton