

Risero. Vidēris. Venērit hora. Pomum ceciderit.
Ambulaverimus. Canes cucurrerint.

Define the subjunctive mood. § 143, 2. What are the
terminations of the active voice, subjunctive mood, present tense, in
conjugation.

Indian Valley Vocational Center

Laboret manus. Laverit fortuna. Sol fulgeat.
niat tempus. cadant.

What are the terminations of the active voice, subjunctive
mood, perfect tense: § 152.

Philomela. Pomum. Luna micaret.
Essetis.

What are the terminations of the active voice, subjunctive
mood, perfect tense: § 152.

CURRICULUM GUIDE FOR 2015 - 2016

What are the terminations of the active voice, subjunctive
mood, pluperfect tense?

INCLUDED INSIDE:

- ✓ School Districts Involved
- ✓ Notice of Non-Discrimination
- ✓ Program Descriptions
- ✓ Articulation Information
- ✓ Estimated Fees

600 Lions Road
Sandwich, IL
60548

(815) 786-9873

Website:
www.ivvc.net

Your Career Starts Here!

Indian Valley Vocational Center is owned and operated by 11 school districts:

- Earlville District #9
- Hinckley-Big Rock District #429
- Indian Creek District #425
- Leland District #1
- Newark District #18
- Paw Paw District #271
- Plano District #88
- Sandwich District #430
- Serena District #2
- Somonauk District #432
- Yorkville District #115

Students from these districts attend IVVC during their junior and senior years in the morning or afternoon. Students who attend IVVC are selected by their own district's criteria for attendance at IVVC.

NOTICE OF NON-DISCRIMINATION

Indian Valley Vocational Center insures equal educational opportunities are offered to students regardless of race, color, national origin, age, sex, religion, or disability.

Questions in reference to educational opportunities may be directed to:

**Ron Pieper, Director
Indian Valley Vocational Center
600 Lions Road
Sandwich, Illinois 60548**

AUTO BODY REPAIR

Grades: 11, 12
SIS #: 20116A001 (1st yr)
20116A002 (2nd yr)

A comprehensive program of collision repair and automotive paint refinishing. Safety practices and safety equipment, as well as EPA standards, will also be addressed and followed. **First year students** will get a basic knowledge of collision repair and refinishing procedures. **Second year students** will get advanced training on frame and structural repair. Students enrolled in this program will be expected to participate in routine physical activities on a daily basis that will foster the development of movement skills and enhance health-related fitness.

WCC Articulation: Auto Body I & II – ABR 115 Basic Auto Body Repair (4 credits)

AUTOMOTIVE TECHNOLOGY

Grades: 11, 12
SIS #: 20104A001 (1st yr)
20104A002 (2nd yr)

Students enrolled in Auto Technology at IVVC will learn how to service and maintain high tech vehicles by way of classroom instruction and lab work. **First year students** will learn the fundamentals of safety, lubrication, tire and wheel servicing, engine design, and automotive braking systems. Approximately 80% of their time spent in the shop watching demonstrations and repairing live vehicles. **Second year students** move on to diagnostic functions on the car's computer systems, engine theory, and also perform alignments using our state-of-the-art equipment. All students have the opportunity to learn how to provide service writer and parts person functions as the IVVC shop strives to provide a professional shop-like atmosphere. Students enrolled in this program will be expected to participate in routine physical activities on a daily basis that will foster the development of

movement skills and enhance health-related fitness.

WCC Articulation – Automotive Technology II – AUT 100 Fundamentals of Automotive Technology (2 credits)

COMPUTER TECHNOLOGY (MAINTENANCE & REPAIR)

Grades: 11, 12
SIS #: 10252A001

State of the art program in computer maintenance and installation. Students work with hardware and software in a “real world” environment to maintain PCs and printers at IVVC. They also do maintenance work for other schools. New computer setup, purchase and evaluation are also a part of the course. Students will explore wire and wireless networks. Students enrolled in this program will be expected to participate in routine physical activities on a daily basis that will foster the development of movement skills and enhance health-related fitness.

WCC Articulation: Computer Technology – CIS 105 Introduction to Windows (1 credit)

NEW! COMPUTER TECHNOLOGY (PROGRAMMING & GAMING TECHNOLOGIES)

Grade: 12
SIS #: 10152A001

Senior only students will be introduced to the concepts associated with writing code and understanding programming languages. Students enrolled in this class will utilize a programming environment to learn basic computer science concepts which will enable them to design and create video games, and code programs that will do a variety of different tasks. While designing their own games, students will be expected to explain and analyze design creation and technique. Team projects may be expected as well as classroom presentations.

CONSTRUCTION TECHNOLOGY

Grades: 11, 12
SIS #: 17002A001 (1st yr)
17002A002 (2nd yr)

This program offers a 90% hands-on experience in most phases of residential construction, including safety, building codes, blueprint reading and estimating/scheduling, as well as the latest in construction techniques. Concrete work and landscaping fundamentals will also be explored. **Second year students** are given the opportunity to obtain an internship working for an employer during school hours. Students enrolled in this program will be expected to participate in routine physical activities on a daily basis that will foster the development of movement skills and enhance health-related fitness.

**WCC Articulation: Construction Technology II – CMT 298
Construction Industry Internship (2 credits)**

COSMETOLOGY

Grades: 11, 12
SIS #: 19101A001 (1st yr)
19101A002 (2nd yr)

This is a 1,500 hour program contracted through Hair Professionals Career College, offered at their Oswego or Sycamore site or Debutantes School of Cosmetology & Nail Technology in DeKalb. Completers will have earned up to 1,000 hours towards the state licensing requirements for hairdressers during the two year program.

NEW! CRIMINAL JUSTICE

Grades: 11, 12
SIS #: 15051A000

This program is designed for students with an interest in criminal law, constitutional law, case law, juvenile law, crime scene investigation, court procedures, corrections, and social reform. Possible career interests could relate to

the areas of law, the corrections field, criminal and crime scene investigation, probation/parole work, politics, and social work, just to name a few. Students will be challenged to read academic material and write essays and reports regularly. This class will be modeled after the community college Criminal Justice curriculum and prepare students for college level course work. Students in this program are expected to participate in routine activities on a daily basis that involve physical movement and enhance health-related fitness.

CULINARY ARTS

Grades: 11, 12
SIS #: 16052A001 (1st yr)
16055A001 (2nd yr)

The IVVC Culinary Arts program offers students a hands-on experience of the restaurant industry. They will learn how to operate a catering and quick service restaurant business. Developing strong knife skills, organizational techniques, sanitation fundamentals and understanding the flavor profiles of ingredients are core principals of the course. Students will gain real world expertise to help them meet the demands of the modern restaurant industry. Course expectations will require the use of basic math skills along with developing public speaking and presentation techniques. Labs will require the ability to work well with others in a fast paced kitchen environment.

IVVC Culinary Arts classes use the ProStart program, developed by the National Restaurant Association Educational Foundation, a two-year curriculum designed to teach high school students the management skills needed for a career in the restaurant and food service industry. Students enrolled in Culinary Arts will be expected to participate in routine physical activities on a daily basis that will foster the development of movement skills and enhance health-related fitness.

**Joliet Junior College Articulation – Culinary Arts II – HOSP 120
Exploring the Hospitality Industry (3 credits)**

NEW! DRAFTING & DESIGN/INTRO TO ENGINEERING DESIGN (PROJECT LEAD THE WAY)

Grades: 11, 12
SIS #: 21006A001

Look around. Most everything you see - from the cell phone you use to the car you drive to the buildings you walk through - has to be designed. Design is an important step in the process from idea to reality, and students in this class learn to use creativity, problem solving, and technical skill to make this happen. Students will experience hands-on projects in the fields of architecture, engineering, interior design, and computer-aided drafting (CAD). In addition, Mythbuster Mondays give the students a chance to brainstorm, build, and test ideas. Students in this program are expected to participate in routine activities on a daily basis that foster the development of movement skills and enhance health-related fitness.

First semester, students will be exposed to the engineering careers while taking Project Lead the Way's foundation course Introduction to Engineering Design (IED), with college credit possible. In this course, students use 3D solid modeling design software to design solutions to proposed problems. Students will learn to document their work in an engineering notebook and communicate solutions to peers and professionals. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

Second semester, students will explore careers such as architecture, interior design, and other design related careers. You will learn to design a house and a set of construction documents that look professional, redecorate a room from floor to ceiling in your own style and theme, and other real world projects.

WCC Articulation: TBD

EARLY CHILDHOOD DEVELOPMENT

Grades: 11, 12
SIS #: 19054A001 (1st yr)
19055A001 (2nd yr)

Do you enjoy working with children? The Early Childhood Development program offers students excellent opportunities to work with 3, 4 and 5-year old children. This class offers hands-on experiences teaching children in our preschool lab setting. All students experience planning and teaching activities in the areas of art, science, language, math and Pre-K skills geared to the development of the preschool age child. **Second year students** have internship opportunities in local pre-, elementary, and junior high schools available to them. This course also utilizes the **Gateways to Opportunity** program, which gives the students the opportunity to earn an **ECE Credential Level 1 Certificate**. Students enrolled in this program will be expected to participate in routine physical activities on a daily basis that will foster the development of movement skills and enhance health-related fitness.

WCC Articulation – Early Childhood I – ECE 102 Career Explorations in Early Childhood (3 credits)
Early Childhood II – ECE 101 Introduction to Early Childhood Education (3 credits)

Kishwaukee College Articulation – Early Childhood I & II – ECE 110 Foundations of Early Childhood Education (3 credits)

NEW! EMERGENCY MEDICAL TECHNICIAN – BASIC (EMT)

Grade: 12
SIS #: 14055A001

This **senior only** course covers the basics of emergency medical care training. Topics include medical terminology, legal and ethical aspects of medicine, patient assessment of medical and trauma patients, vital signs, communication, documentation skills, CPR, bandaging of patients and other medical procedures. Upon completion of EMT Basic, the

student will have the knowledge and training necessary to take the EMT Basic Competency Exam which allows for certification from the Illinois Department of Public Health. Students must be 18 years of age to test. The students are expected to participate in routine activities on a daily basis that involve physical movement and enhance health-related fitness. Students will learn how physical fitness and healthy living affect workplace performance and success. *(Students interested in a Fire Department/EMT career should consider taking IVVC Fire Science their junior year and then EMT their senior year. Most fire departments require this dual certification.)*

FIRE SCIENCE

Grades: 11, 12
SIS #: 15152A001 (1st yr)
15152A002 (2nd yr)

First year students—Basic Operations

Firefighter: This course covers the subjects required by the Office of the State Fire Marshal for certification at the Basic Operations Firefighter level. Students will take part in classroom lectures, demonstrations, hands-on practice on individual skills, training responses that incorporate these individual skills into fire ground evolutions through the use of various props and structures. This program also covers Technical Rescue Awareness, Fire Service Vehicle Operator, Hazardous Materials Awareness, and Courage to be Safe. First year students will also become CPR certified.

Second year students—Advanced Technician

Firefighter: Second year students begin the year working on all the required course work to obtain their Advanced Technician Firefighter certification. Some of the hands-on skills include R.I.T. evolutions, radio communication drills, forcible entry, ventilation, and assisting Technical Rescue Teams. Students will also complete the Vehicle Machinery Operations class.

Both classes are offered at the Sandwich Fire Station. First and second year students in this program are expected to participate in routine

activities on a daily basis that involve physical movement and enhance health-related fitness. Students will learn how physical fitness and healthy living affect workplace performance and success.

WCC Articulation – Fire Science I – FSC 105 Basic Operations Firefighter I (4 credits); FSC 115 Basic Operations Firefighter II (4 credits) and FSC 215 Technical Rescue & Vehicle Operations (1 credit). Fire Science II – FSC 125 Advanced Technician Firefighter (4 credits) and FSC 150 Vehicle and Machinery Operations (3 credits)

GRAPHIC DESIGN & DIGITAL TECHNOLOGY

Grades: 11, 12
SIS #: 11154A001 (1st yr)
11154A002 (2nd yr)

Become part of the next generation of digital design! The world is full of images and words and Graphics **is** that world. Take your creativity to a new level using professional design skills. Use Adobe software (Illustrator, InDesign, and Photoshop) to turn your creative ideas into a reality. Field trips and projects will introduce you to packaging, animation, college life, marketing, printing and more. Find out what it takes to create a cutting edge brand. We operate *Tee-Rex Graphics Custom Wear*, our very own T-shirt printing business. Get experience designing and printing T-shirts, then feel the satisfaction of seeing them worn by other IVVC students. Be a digital photographer and learn how to take portraits, make an iMovie or shoot a video. During this class students will volunteer, produce work for a charity, and enter work in a competition, as well as do projects for other schools and the community. Students will make a final portfolio for college visits. Art or computer experience is helpful, but not a requirement.

WCC Articulation – Graphic Design I or II – GRD 160 Computer Illustration (3 credits). Graphic Design II – GRD 170 Digital Image (3 credits)

HEALTH OCCUPATIONS – EXPLORING MEDICAL CAREERS

Grades: 11, 12
SIS #: 14002A002

Do you want a career in the medical field? Do you want to learn more about what careers are available? This course is for junior and senior students who are interested in exploring medical careers in an applied life science skill format. The curriculum provides hands-on learning opportunities involving body systems and medical careers. Students will learn basic medical procedures associated with the health profession, including performing vital signs, injections and blood draws on a training arm. Students will also be able to job shadow at local medical facilities to see what a career in the medical field really entails. The students will obtain their CPR certification, along with basic first aid training. Students in this program are expected to participate in routine activities on a daily basis that involve physical movement and enhance health-related fitness. They will work cooperatively in groups demonstrating decision making, leadership skills and responsible behaviors. Students will learn how physical fitness and healthy living affect workplace performance and success.

WCC Articulation – HIT 105 Medical Terms for Health Occupations (1 credit)

HEALTH OCCUPATIONS – CNA (Certified Nurse Assistant)

Grade: 12
Prerequisite: C or higher in Biology or Bio-Med class at home school, good attendance record
SIS #: 14051A001

This course is for **SENIORS ONLY** who are interested in becoming Certified Nurse Assistants. The Exploring Medical Careers class is not a prerequisite for this class; however, approval from IVVC and the home school may be required. This course follows the guidelines of the Illinois Department of Public Health to

achieve a certificate as a Certified Nurse Assistant. Forty hours of hands-on clinical time is required. A fingerprint criminal background check is also required. Students in this program are expected to participate in routine activities on a daily basis that involve physical movement and enhance health-related fitness. They will work cooperatively in groups demonstrating decision making, leadership skills and responsible behaviors. Students will learn how physical fitness and healthy living affect workplace performance and success.

WCC Articulation: NAS 101 Basic Nurse Assistant Training (7 credits)

LAW ENFORCEMENT

Grades: 11, 12
SIS #: 15051A003 (1st yr)
15051A004 (2nd yr)

This course is designed for the student who is wishing to explore a career in law enforcement. The curriculum follows the certified Illinois State Police Basic Training used by Illinois Police Academies. **First year students** will be studying criminal law, vehicle code, and case law in the first semester and learning how to investigate crimes, process a crime scene, and execute arrests in the second semester. At the conclusion of the first year, students should be able to correctly investigate a crime, make an arrest, complete booking and arrest reports, and testify in court. **Second year students** will be leading class discussions, composing in-depth research projects, assuming a supervisory role with first year students, and planning weekly training. All students will engage in defensive tactics, officer safety skills, firearm safety using simulators and dynamic scenarios utilizing the most modern air soft and paintball techniques. Guest speakers include Secret Service, FBI, DEA, and SWAT to name a few. Field trips may include jails, police academies, military facilities and police departments. Students may be required to submit to random drug testing and a background check in order to be involved with any hands-on activities. Students in this program are expected to participate in

routine activities on a daily basis that involve physical movement and enhance health-related fitness. Students will learn how physical fitness and healthy living affect workplace performance and success.

WCC Articulation – Law Enforcement I – CRJ 105 Patrol Operations (3 credits)

SPORTS MEDICINE/SPORTS MANAGEMENT

Grades: 11, 12
Prerequisite: C or higher in Biology or Bio-Med class at home school and a genuine interest in Science
SIS #: 14062A001

This course introduces students to professions in Sports Medicine and Sports Management, including Athletic Training, Physical Therapy, Personal Training, Coaching, Massage Therapy and the Fitness/Wellness industries. The instructor is an Illinois licensed Certified Athletic Trainer with over 16 years experience in the field. Students in this program are expected to participate in routine activities on a daily basis that involve physical movement and enhance health-related fitness. They will work cooperatively in groups demonstrating decision making, leadership skills and responsible behaviors. Students will learn how physical fitness and healthy living affect workplace performance and success.

Sports Medicine/Management I: Primarily focuses on the anatomy of the skeletal and muscular systems, injuries to those structures, rehabilitation protocols, concussion recognition and management, as well as taping techniques. Sport Management topics are explored through several different projects. First year students are **required** to perform 15 hours of professional job shadowing outside of regular IVVC class time.

Sports Medicine/Management II: Students who meet all prerequisites may have an opportunity to participate in IVVC's internship program. Second year students should have a

strong desire to continue their education in this field after high school. Second year students are required to assist with first year students, as well as manage class work with their internship schedule.

WELDING & FABRICATION

Grades: 11, 12
SIS #: 13207A001 (1st yr)
13207A002 (2nd yr)

This course is designed for students who are ready to challenge themselves and become the welders and metal fabricators of tomorrow. Various welding and cutting processes are taught throughout the year and students will demonstrate these skills through hands-on activities in the shop. Production strategies and lean manufacturing skills are demonstrated, giving the students a taste of the real-world and what makes a successful business. **First year students** are challenged in flat and horizontal welding positions while **second year students** learn how to weld in the vertical and overhead positions. Employability, which emphasizes their professional conduct, is a significant portion of the student's grade. Students enrolled in this program will be expected to participate in routine physical activities on a daily basis that will foster the development of movement skills and enhance health-related fitness.

WCC Articulation – **Welding & Fabrication I & II** – WLD 115 Oxy-Fuel Welding & Cutting (3 credits) and WLD 120 Shielded Metal Arc Welding I (3 credits)

2014 - 2015 IVVC FEE SCHEDULE

**FOR INFORMATIONAL
PURPOSES ONLY – 2015-2016**
FEES MIGHT SHOW A MODEST
INCREASE IN SOME PROGRAMS

PROGRAM	TEXTBOOK	WORKBOOK	EQUIPMENT/LAB FEES	UNIFORM	TOOLS	OTHER
Auto Body Repair	P - \$35 R - \$15		Lab - \$20	Coveralls - \$5 Safety glasses - \$5 Respirator - \$25		
Automotive Technology	R - \$22		Lab - \$50	Safety glasses - \$5 Class shirt/car - \$15	\$100 - \$200 (basic)	Student's responsibility to purchase tools from list provided by the instructor the first week of school.
Computer Technology	<u>First Year</u> R - \$25				<u>All Students</u> Tool kit - \$20 Flash drive - \$10	Supplies needed: ➤ book bag or backpack to carry books & tools every day ➤ black pens & pencils
Construction Technology			Lab - \$30	Leather work boots (cowboy boots unacceptable @ worksite) Clothes for the weather	\$55 - \$75	Student's responsibility to purchase tools from list provided by the instructor the first week of school.
Culinary Arts	P - \$68 R - \$23	\$43	Lab - \$30	Apron - \$5 Lab - Long pants are required. Required shoes must be either leather or tennis shoes. <u>NOT ALLOWED</u> : shorts, capris or baggy pants, open-toed shoes or open-back shoes.		
Drafting & Design Technology	R - \$15		Lab - \$30			Supplies needed: ➤ 1" three-ring binder ➤ blue and/or black pens ➤ calculator ➤ loose-leaf paper (3 hole punched) ➤ flash drive
Early Childhood	<u>First Year</u> P - \$17 <u>Second Year</u> R - \$15		Lab - \$30 CPR card - \$7.50	Teaching T-shirt - \$15		Supplies needed: ➤ 3" three-ring binder ➤ loose-leaf paper (3 hole punched) ➤ black and/or blue pens
Fire Science	<u>First Year</u> P - \$90 <u>Second Year</u> Handouts provided		<u>All Students</u> Lab - \$30 CPR card - \$7.50	<u>All Students</u> Uniform - \$79 (2 shirts & 1 hooded sweatshirt)	Dual Credit (optional) – 1st Year - \$72 2nd Year - \$56	Supplies needed: ➤ black steel-toe boots ➤ uniform pants (information given on the first day)

P = Purchase of textbook
R = Rental of textbook

(Please see reverse side)

2014 - 2015 IVVC Fee Schedule -- Page 2

PROGRAM	TEXTBOOK	WORKBOOK	EQUIPMENT/LAB FEES	UNIFORM	TOOLS	OTHER
Graphic Design & Digital Technology	R - \$20		Lab - \$40			Supplies needed: > pens, pencils > flash drive
Health Occupations – Exploring Medical Careers	Medical Careers R - \$10 Medical Term P - \$35		Lab - \$20 CPR - \$3 Index box/cards - \$6	Job Shadow Polo - \$15		Documentation required (before 10/15/14): > recent immunization record > 2 step Mantoux test Supplies needed: > flash drive > 2 spiral notebooks, folder, pens/pencils
Health Occupations - CNA	P - \$75 (includes workbook)		Lab - \$40 CNA Kit - \$27 CPR card - \$20	Wristwatch with second hand Shoes Uniform - \$29		Documentation of following required (before 9/13/14): > recent physical exam > any lifting restrictions > 2 step Mantoux test > measles/mumps/rubella up-to-date Upon completion of class: Certification Exam - \$70 (incl. bus fee) & Fingerprint Background Check – \$29.50 Also need a flash drive
Law Enforcement	TBA		Lab - \$5 Airsoft supplies - \$35 Yearbook - \$5	Class Shirts (2) - \$25	Dual Credit (optional) - \$16	Supplies needed: > 2" 3-ring binder & paper > black pens and highlighter > flash drive > lock > sweatshirt, jeans, belt, gym shoes
Sports Medicine/ Management	P - \$71 R - \$24		Lab - \$40 CPR card - \$7.50	Class T-shirt - \$15		Supplies needed: > pens/pencils > loose-leaf paper > spiral notebook
Welding & Fabrication	R - \$20		Lab - \$25	Work shoes – leather Long sleeve cotton shirt OR purchase fire resistant jacket for \$20 Safety glasses - \$5 Gloves - \$7 Respirator - \$7	tape measure	Supplies needed: > pocket note pad > pens/pencils

P = Purchase of textbook
R = Rental of textbook