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Contextualized Curriculum

for Adult Learners in Math and Literacy

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Lexicon

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A

Accident reports

A form that is filled out in order to record details of an unusual event that occurs at the facility.

Accrue

To accumulate over time. For example, employees might [accrue](#) a certain number of sick days and vacation time throughout their employment.

Alloy

A substance composed of two or more metals, or of a metal or metals with a nonmetal.

Anesthesia

General or local insensibility, as to pain and other sensation, induced by certain interventions or drugs to permit the performance of surgery or other painful procedures.

Apps

(Short for Applications) A type of software program that typically refers to software that you access and use while online, via a browser or mobile device, instead of software residing on your computer

Auditors

Individuals who inspect and verify the accuracy of a company's operational and/or financial records

Automated Analyzer

A medical laboratory instrument designed to measure different chemicals and other characteristics in a number of biological samples quickly, with minimal human assistance.

automated analyzers

An [automated analyzer](#) is a medical laboratory instrument designed to measure different chemicals and other characteristics in a number of biological samples quickly, with minimal human assistance.

B

Bar Stock

(Also know as billet) A common form of raw purified metal, used by industry to [manufacture](#) metal parts and products.

barcode

A group of thick and thin lines that is placed on a product so that a computer can get the price of the product and other information about it.

Benefits

Non-monetary employment compensation.

Blood Glucose

The amount of a type of sugar, called glucose, in your blood, Glucose comes from carbohydrate foods.

Body Mass Index

An index for assessing overweight and underweight, obtained by dividing body weight in kilograms by height in meters squared.

Brainstorm

a group problem-solving technique that involves the spontaneous contribution of ideas from all members of the group

Browsers

Software that accesses and displays pages and files on the web.

Business Analyst

Someone who analyzes the existing or ideal organization and design of systems, departments, and organizations within a business.

C**Cardiopulmonary**

Relating to or involving both the heart and the lungs

Chemotherapy

The use of chemicals (medication) to treat disease. It usually refers to the destruction of cancer cells.

Chronically Ill

An individual certified as lacking a physical or mental ability required to live independently.

Client

A person or group that uses the professional advice or services of another person or organization.

CNC

A machine that makes different types of tools, parts, and other objects.

Colleague

An associate in a profession.

Community Health Center

Neighborhood health centers staffed by general doctors and nurses, generally serving persons who are uninsured, underinsured, low-income or those living in areas where little access to primary health care is available.

Contaminated

To make impure or unclean by contact or mixture.

Cultural Competence

The integration and transformation of knowledge about individuals and groups of people into specific standards, policies, practices, and attitudes used in appropriate cultural settings to increase the quality of services; thereby producing better outcomes.

Current Procedural Terminology (CPT)

A code set maintained by the American Medical Association that describes medical, surgical, and diagnostic services and is designed to communicate uniform information about medical services and procedures among [physicians](#), coders, patients, accreditation organizations, and payers for administrative, financial, and analytical purposes.

Cyst

A closed, bladderlike sac formed in animal tissues, containing fluid or semifluid matter.

D**Database**

A collection of information that is organized for convenient access and management, usually in a computer.

Deductions

Amounts withheld by an employer from the employee's earning; for example income taxes and social security contributions.

Denser

Having a high [mass](#) per unit [volume](#).

Density

The concentration of matter, measured by [mass](#) per unit [volume](#).

Diabetic

Having diabetes (A chronic condition in which the pancreas produces little or no insulin, a hormone needed to allow sugar (glucose) to enter cells to produce energy.)

Dimensions

The measurements that describe the size and shape of an object. For example, length, width and height are used to describe the [dimensions](#) of a three-dimensional figure.

Dosage information

The size or frequency of a medicine or drug that is prescribed by a doctor.

Dose

The quantity of a medicine or drug taken or recommended to be taken at a particular time.

E**Extruder Operator**

Forms everyday products from raw plastic with specially set machinery

F**Flexible spending plan**

A benefit offered by an employer to an employee that allows a fixed amount of pre-tax wages to be set aside for other expenses, such as medical or child care expenses. The amounts withheld are usually not subject to [payroll](#) taxes.

Fraud

An act of deliberate deception performed to acquire an unlawful benefit, such as the improper coding of health services in a claim for payment.

Front-end

The part of a web application that users interact with directly.

G**Gaschromatograph**

A device or apparatus used in gas chromatography to separate the constituents of a volatile substance.

Gastric Bypass

A surgical procedure by which all or part of the stomach is circumvented by anastomosis to the small intestine, performed to overcome obstruction or in the treatment of morbid obesity.

Gastric Sleeve

A surgical [weight-loss procedure](#) in which the stomach is reduced to about 25% of its original size, by surgical removal of a large portion of the stomach, following the major curve. The open edges are then attached together (often with surgical staples) to form a sleeve or tube with a banana shape. The [procedure](#) permanently reduces the size of the stomach.

Gears

A part, as a disk, wheel, or section of a shaft, having cut teeth of such form, size, and spacing that they mesh with teeth in another part to transmit or receive force and motion.

H**Hematology Analyzer**

A computerized, highly specialized and automated machine that count the number of different kinds of white and red blood cells in a blood sample.

Homogenize

To make uniform or similar, as in composition or function.

Hopper

A storage container used to dispense granular materials through the use of gravity, sometimes assisted by mechanical agitation.

Human Resources (HR) Department

The department responsible for the people in an organization. Their duties often include hiring (including recruiting candidates, the interview process, negotiations, and signing contracts), professional development and providing people-friendly guidelines about company policy.

I**Injections**

The forcing of a liquid into a part, as into the subcutaneous tissues, the vascular tree, or an organ.

Inquiries

Seeking or requesting information or guidance

Insurance

A guarantee of compensation for specified loss, damage, illness, or death in return for payment.

Intravenous mixes

Medications that are given directly into a patient's vein.

Inventory

A complete listing of merchandise or stock on hand.

IT department

The Information Technology (IT) department addresses all forms of technology used to create, store, exchange and utilize information in its various forms including business data, conversations, media presentations for a business or organization.

K**Kaizen Teams**

Kaizen is a Japanese word that means "improvement." A kaizen team is a group selected to participate as a team with the goal of making work process improvements.

L**Lean Manufacturing**

An operational strategy focused on creating more value for customers by increasing efficiency, decreasing waste and using fewer resources.

Legal Charges

The formal allegation, contained in an indictment, information, or presentment, that a person committed a specific offense.

Lesion

Any pathological or traumatic discontinuity of tissue or loss of function of a part.

Liaison

A person or entity that helps to facilitate communication between two parties

Line Workers

An employee who works on an assembly line.

Lung function

How well a person is breathing.

M

Machine operator

Someone who runs machine tools and equipment in a manufacturing facility

Malnutrition

Inadequate or unbalanced nutrition.

Manufacture

The process of making items by hand or by machinery especially when carried on systematically with division of labor.

Mass

A measure of how much matter is in an object. [Mass](#) is often measured by how much something weighs, but technically [weight](#) changes based on gravitational pull (so you weigh less on the moon, but your [mass](#) is the same).

Metallurgy

The technique or science of working or heating metals so as to give them certain desired shapes or properties.

Micrometer

A type of gauge that measures very small distances, thicknesses or diameters.

N**Nitrogen**

A colorless, odorless, gaseous element that constitutes about four-fifths of the [volume](#) of the atmosphere and is present in combined form in animal and vegetable tissues, especially in proteins: Can be used as a cooling agent.

O**Objective**

Not influenced by personal feelings, interpretations, or prejudice; based on facts; unbiased:

Optimize

To make as perfect, effective, or functional as possible

Orientation

An introduction to guide one in adjusting to new surroundings or employment

Osteoporosis

A disorder in which the bones become increasingly porous, brittle, and subject to fracture, owing to loss of calcium and other mineral components, sometimes resulting in pain, decreased height, and skeletal deformities.

Outpatient

A patient who is not hospitalized overnight but who visits a hospital or clinic for diagnosis or treatment.

Overbilling

Charging more than is required for goods or services

P**Payroll**

The financial record or list of employees' salaries and wages, with the amounts due to each; the total sum of money that is paid out to employees.

Penalized

To be put at a disadvantage.

Pharmacy technician

A person who prepares and dispenses [prescriptions](#) under the supervision of a pharmacist.

Physicians

One educated, clinically experienced, and licensed to practice medicine

Post-op

(Postoperative) Relating to, occurring in, or being the period following a surgical operation.

Preoperative

Occurring before a surgical operation

Prescription medications

Drugs that are available only with written instructions from a doctor or dentist to a pharmacist.

Prescriptions

An instruction written by a medical practitioner that authorizes a patient to be issued with a medicine or treatment.

Procedure

A way of acting or progressing in a course of action, esp an established method.

Procurement

The act of obtaining equipment, materials, or supplies:

Proportion

A part considered in relation to the whole; being "in proportion" means to be properly related in size or having a constant ratio.

Prosthesis

An artificial device or implant to replace or augment a missing or impaired part of the body.

Purchasing Agent

A person who buys materials, supplies, equipment, etc., for a company.

Q**Quality Control**

A process that is used to ensure a certain level of quality in a product or service.

R**Radical mastectomy**

A mastectomy in which the breast tissue, associated skin, nipple, areola, axillary lymph nodes, and pectoral muscles are removed.

Raw materials

Material before being processed or manufactured into a final form.

Rebuttal

An attempt to contradict or disprove an argument by offering a counter argument or countervailing proof.

Reconstructive Surgery

Surgery to restore function or normal appearance by remaking defective organs or parts.

Rehabilitation

Specialized healthcare dedicated to improving, maintaining or restoring physical strength, cognition and mobility.

Resolutions

The action or course of action, method, or [procedure](#) that will solve a problem.

Retail

The sale of goods to the public for use or consumption rather than for resale.

Risk assessment

The identification, evaluation and estimation of the levels of risks involved in a situation.

S**Sedimentation Rate**

The speed at which red blood cells settle to the bottom of a column of citrated blood measured in millimeters deposited per hour and which is used especially in diagnosing the progress of various abnormal conditions (as chronic infections)

Service Records

A collection of either electronic or printed material which provides a documentary history of activities, problems, or the accomplishments for a business or service.

Shift

A period of time assigned for work.

Simulations

The representation of the behavior or characteristics of one system through the use of another system.

Sleep Apnea

A sleep disorder characterized by abnormal pauses in breathing or instances of abnormally low breathing, during sleep.

Slugs

Any heavy piece of unrefined metal.

Social Workers

A social worker is mental health professional who helps people with a wide range of issues, including psychological, financial, health, relationship, and substance abuse problems.

Specification limits

The allowable range a product can deviate from the precise [dimensions](#) (usually set by customer requirements for the product).

Sprockets

A toothed wheel engaging with a conveyor or power chain.

Statistical control chart

A graphical tool used to study how a process changes over time. Some control charts have a central line for the average, an upper line for the upper control limit, and a lower line for the lower control limit. By comparing data to these lines, you can draw conclusions about the consistency of the process.

Subjective

Based on or influenced by personal feelings, tastes, or opinions.

Supervisor

A person who supervises workers or the work done by others.

Sutures

A stitch or series of stitches made to secure apposition of the edges of a surgical or traumatic wound.

T

Tensile

Capable of being stretched or drawn out

Test scripts

A set of instructions that will be performed to test that the system functions as expected.

Ticket

A file in an issue tracking system documenting a reported problem and the steps taken to resolve it.

Timesheet

A method for recording the amount of a worker's time spent on a job

Troubleshooting

A logical, systematic search for the source of a problem so that it can be solved.

Type 1 diabetes

Also known as insulin-dependent diabetes, is a chronic condition in which the pancreas produces little or no insulin, a hormone needed to allow sugar (glucose) to enter cells to produce energy.

Type 2 diabetes

A more common form of diabetes, occurs when the body becomes resistant to the effects of insulin or doesn't make enough insulin. As a result, blood sugar does not get into these cells to be stored for energy.

U

Ultracentrifuge

A high-speed centrifuge able to sediment colloidal and other small particles and used especially in determining sizes of such particles and molecular weights of large molecules.

User System Interface

The system by which people (users) interact with a machine. This includes hardware (physical) and software (logical) components. (http://en.wikipedia.org/wiki/User_interface)

V

Vacutainer tubes

A sterile glass or plastic tube with a closure that is evacuated to create a vacuum inside the tube facilitating the draw of a predetermined [volume](#) of liquid.

Vital Signs

[Vital signs](#) include the heart beat, breathing rate, temperature, and blood pressure.

Vitals

[Vital signs](#) include the heart beat, breathing rate, temperature, and blood pressure.

Volume

The quantity of space occupied by a liquid, solid or gas. Common units used to express [volume](#) include liters, cubic meters, milliliters, and ounces.

W

Ward

A division, floor, or room of a hospital for a particular class or group of patients.

Web Analytics

The measurement, collection, analysis and reporting of internet data for the purpose of understanding and optimizing web usage.

Web Developers

A programmer who specializes in, or is specifically engaged in, the development of World Wide Web applications, or distributed network applications that are run over HTTP from a web server to a web browser.

Weight

The force of gravity on an object; [weight](#) may be calculated as the [mass](#) times the acceleration of gravity, $w = mg$.