

## Space: the Final Frontier Optimizing Space Management Setups Presented By: Gil Oswald



# Introductions

## Meet Gil Oswald

#### Senior Project Manager



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#### 🚺 About Gil

Started with AssetWorks in 2006. Studied High Technology Management at California State University, San Marcos. He has 20+ years of expertise in IWMS Software Project Management. His experience includes management of facilities maintenance systems, space management, AutoCAD systems and Work Control Customer Service Centers. In his free time, I enjoy movies, biking, and running.

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## Agenda

## **Space Information** Tracking Data

#### **Property/Location**

Properties are divided into locations. Location information is tract for reporting and financial reasons.

#### **Properties**

Properties are classified by using Property Type and Property Class. Locations are classified by using Location Type, Primary Usage, and Space Type.

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#### Organizations

Organization(s) and People are tracked to Locations.

#### Locations

#### **Programs**

Detailing what Programs are being utilized.



## Agenda What's on the Playlist....

## ✓National Standards ✓ Property Codes ✓Location Codes Organizational Occupancy Codes ✓ Program Codes

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## National Standards Why use?

Using standards can offer a set of powerful business tools for organizations of all sizes. These Standards support fine-tuning your performance and helps manage your risks while operating in a more efficient and sustainable way.

## National Standards...

Guideposts for the industry.
Help benchmark objectives.
Facilitate comparisons among similar organizations.
Dependable and Scalable Analytics

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National Standards What Standards to use?

Postsecondary Educational Facilities Inventory and Classification Manual (FICM)

https://nces.ed.gov/pubs2006/ficm/

**Classification of Instructional** Programs

https://nces.ed.gov/pubs2006/2006160.pdf

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**Postsecondary Education Facilities** Inventory and Classification Manual (FICM): 2006 Edition

May 2006

#### NATIONAL CENTER FOR EDUCATION STATISTICS

APRIL 2002

#### **Classification of Instructional Programs:** 2000 Edition

U.S. Department of Education Office of Educational Research and Improvement NCES 2002-165



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|----------|---|--|

# Property Codes

## **Property Codes**

Classifying Properties

• Property Type

The Property Type is used as a tool to define, normally for reporting purposes, a property's primary use.

### • Property Class

### The Property Class is a reporting element and further classifies the property. The Property Class is also used on the Cost Model in Planning and Needs Analysis module.



## **Property Codes** Classifying properties



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| perty Type  |
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| /IP         |
| AGE         |
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|             |
| Κ           |
| <b>ND</b>   |
| INEL        |
|             |

**Propety Class** 

ADMINISTRATION

AGRICULTURAL

ANIMAL

COMMUNICATION

HEALTHCARE

HOUSING

RECREATION

SPECIAL PURPOSE

UTLILITY

WAREHOUSE



# Here Location Codes

## Location Codes

Classifying Locations

Location Type

The Location Type is used as a tool to define, normally for reporting purposes, a Location's Classification.

• Primary Usage

The Primary Usage is used as a tool to define, normally for reporting purposes, the Location's main Usage.



## Location Codes

### Location Type

| Classifications Breakdown            | Description                       |
|--------------------------------------|-----------------------------------|
| Classrooms (100 series)              | General purpose classrooms, l     |
|                                      | scheduled nonlaboratory instr     |
| Laboratory Facilities (200 series)   | Rooms or spaces characterized     |
|                                      | research activities to a particul |
| Office Facilities (300 series)       | Offices and conference rooms      |
|                                      | functions.                        |
| Study Facilities (400 series)        | Study rooms, stacks, open-stac    |
| Special Use Facilities (500 series)  | Military training rooms, athleti  |
|                                      | areas, field buildings, animal q  |
| General Use Facilities (600 series)  | Assembly rooms, exhibition sp     |
|                                      | rooms, child and adult care roo   |
| Support Facilities (700 series)      | Computing facilities, shops, cer  |
|                                      | centralized support for the act   |
| Health Care Facilities (800 series)  | Facilities used to provide patie  |
| Residential Facilities (900 series)  | Housing facilities for students,  |
| Unclassified Facilities (000 series) | Inactive or unfinished areas, o   |
| Circulation Area (WWW series)        | Nonassignable spaces required     |
|                                      | directly bounded by partitions    |
| Building Service Area (XXX series)   | Nonassignable spaces used to      |
| Mechanical Area (YYY series)         | Nonassignable spaces of a buil    |
|                                      | areas.                            |

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lecture halls, recitation rooms, seminar rooms, and other spaces used primarily for ruction.

ed by special purpose equipment or a specific configuration that ties instructional or ular discipline or a closely related group of disciplines.

specifically assigned to each of the various academic, administrative, and service

ack reading rooms, and library processing spaces.

tic and physical education spaces, media production rooms, clinics, demonstration quarters, greenhouses, and other room categories that are sufficiently specialized in pace, food facilities, lounges, merchandising facilities, recreational facilities, meeting coms, and other facilities that are characterized by a broader availability to faculty, entral storage areas, vehicle storage areas, and central service space that provide ctivities of a campus.

ent care (human and animal).

, faculty, staff, and visitors to the campus.

or areas in the process of conversion.

ed for physical access to floors or subdivisions of space within the building, whether s or not.

support its cleaning and public hygiene functions.

ilding designed to house mechanical equipment and utility services, and shaft



### **Location Codes** Primary Usage

Primary Usage facilitates further classification of a space. The functional categories were developed for cost financial accounting purposes. Below are the two mostly used standards for Classifying the Usage of a room (Primary, and Organizational Usage) within AiM<sup>™</sup>.

- U.S. Office of Management and Budget (OMB) Circular A-21.
- National Association of College and University Business Officers (NACUBO) .

et (OMB) Circular A-21. hiversity Business Officers (NACUBO) .



## Location Codes

#### Primary Usage

Note: Usage Codes are also used In Organizational Occupancy to further break out mixed used locations.

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- Classifie
- 1.0 Inst
- 2.0 Org
- 3.0 Pub
- 4.0 Aca

5.0 Stuc 6.0 Inst

- 7.0 Ope 8.0 Sch 9.0 Aux 10.0 Ind 11.0 Ho 12.0 Ser
- 13.0 Un

| ication  |                                                 |
|----------|-------------------------------------------------|
| tructior | า                                               |
| ganized  | /Sponsored Research.                            |
| blic Ser | vice.                                           |
| ademic   | Service.                                        |
|          | 4.1 Libraries                                   |
|          | 4.2 Departmental Administration                 |
|          | 4.3 Museums and Galleries                       |
| ident Se | ervices                                         |
| titution | al Support                                      |
|          | 6.1 General Administration                      |
|          | 6.2 Public Relations/Development/Alumni Affairs |
|          | 6.3 Sponsored Projects                          |
| eration  | and Maintenance of Plant                        |
| holarsh  | ips and Fellowships                             |
| ıxiliary | Enterprises                                     |
| depend   | dent Operations                                 |
| ospitals |                                                 |
| ervice C | enter                                           |
| noccup   | ied Space                                       |
|          |                                                 |





## Organizational Occupancy Codes

## **Organizational Occupancy Codes** Usage Codes

- Organizational Occupancy associates occupants to locations and then enables the assignment of usage(s) to those organizational occupants.
- The same Usage Codes used for Primary Usage on the Location is utilized for Organization Occupancy.
- Multiple Usage Codes can be utilized for the same Organization.

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## Organizational Occupancy

#### Usage Codes

Note: Usage Codes are also used for Location Classification.

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1.0 Inst

2.0 Org

3.0 Pub

4.0 Aca

5.0 Stud 6.0 Inst

7.0 Ope 8.0 Sch 9.0 Aux 10.0 Inc

11.0 Ho 12.0 Ser

13.0 Un

| ication  |                                                 |
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| tructior | า                                               |
| ganized  | /Sponsored Research.                            |
| blic Ser | vice.                                           |
| ademic   | Service.                                        |
|          | 4.1 Libraries                                   |
|          | 4.2 Departmental Administration                 |
|          | 4.3 Museums and Galleries                       |
| ident Se | ervices                                         |
| titution | al Support                                      |
|          | 6.1 General Administration                      |
|          | 6.2 Public Relations/Development/Alumni Affairs |
|          | 6.3 Sponsored Projects                          |
| eration  | and Maintenance of Plant                        |
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| ıxiliary | Enterprises                                     |
| depend   | dent Operations                                 |
| ospitals |                                                 |
| ervice C | enter                                           |
| noccup   | ied Space                                       |
|          |                                                 |



# Brogram Codes

### Program Program Codes

and the effective date range at the location.

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## • The Program Location, found in Space Management, associates research programs with locations. This also captures the amount of space dedicated to the program







- and the effective date range at the location.
- The Classification of Instructional Program manual is the accepted federal government statistical standard on instructional program classifications.

• The Program Location, found in Space Management, associates research programs with locations. This also captures the amount of space dedicated to the program



### Program Program Codes

- 60+ Program Categories.
- 1840+ Individual Classifications.

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| 1       AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED SCIENCES         3       NATURAL RESOURCES AND CONSERVATION         4       ARCHITECTURE AND DREATED SERVICES         5       AREA, ETHNIC, CULTURAL, AND GENDER STUDIES         9       COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS         10       COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS         11       COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS         12       DEMONICATION SCIENCES AND SUPPORT SERVICES         13       EDUCATION         14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         17       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATTEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MULTARY TECHNOLOGIES         31       PATHEMATICS AND STATISTICS                                                         | Code | Description                                                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------|--|
| 3         NATURAL RESOURCES AND CONSERVATION           4         ARCHITECTURE AND RELATED SERVICES           5         AREA, ETHNIC, CULTURAL, AND GENDER STUDIES           9         COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS           10         COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS           11         COMMUNICATION, TOURNALISM, AND RELATED PROGRAMS           12         PERSONAL AND CULINARY SERVICES           13         EDUCATION           14         ENGINEERING           15         ENGINEERING TECHNOLOGIES/TECHNICIANS           16         FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS           17         FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES           11         TECHNOLOGY EDUCATION/INDUSTRIAL ARTS           12         LEGAL PROFESSIONS AND STUDIES           23         ENGLISH LANGUAGE AND LITERATURE/LETTERS           24         LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES           25         LIBERARY SCIENCE           26         BIOLOGICAL AND BIOMEDICAL SCIENCES           27         MATHEMATICS AND STATISTICS           28         RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)           29         MULTI/INTERDISCIPLINARY STUDIES           30         MULTI/INTERDISCIPLINARY STUDIES           31 </td <td></td> <td>-</td> |      | -                                                             |  |
| 4       ARCHITECTURE AND RELATED SERVICES         5       AREA, ETHNIC, CULTURAL, AND GENDER STUDIES         9       COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS         10       COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES         11       COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES         12       PERSONAL AND CULINARY SERVICES         13       EDUCATION         14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARAKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS                                                                        |      |                                                               |  |
| 5       AREA, ETHNIC, CULTURAL, AND GENDER STUDIES         9       COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS         10       COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS         11       COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES         12       PERSONAL AND CULINARY SERVICES         13       EDUCATION         14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (IROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS                                                                         |      |                                                               |  |
| 9         COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS           10         COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES           11         COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES           12         PERSONAL AND CULINARY SERVICES           13         EDUCATION           14         ENGINEERING           15         ENGINE TECHNOLOGIES/TECHNICIANS           16         FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS           19         FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES           21         TECHNOLOGY EDUCATION/INDUSTRIAL ARTS           22         LEGAL PROFESSIONS AND STUDIES           23         ENGLISH LANGUAGE AND LITERATURE/LETTERS           24         LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES           25         LIBRARY SCIENCE           26         BIOLOGICAL AND BIOMEDICAL SCIENCES           27         MATHEMATICS AND STATISTICS           28         RESERVE OFFLICER TRAINING CORPS (IROTC, ROTC)           29         MILITARY TECHNOLOGIES           30         MULIT/INTERDISCIPLINARY STUDIES           31         PARKS, RECREATION, LEISURE, AND FITNESS STUDIES           32         BASIC SKILLS           33         CITIZENSHIP ACTIVITIES           34         HEAL                                  |      |                                                               |  |
| 10       COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES         11       COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES         12       PERSONAL AND CULINARY SERVICES         13       EDUCATION         14       ENGINEERING TECHNOLOGIES/TECHNICIANS         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (IROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CHTIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERNESS AND SELF-IMPROVEMENT         34<                                                                    |      |                                                               |  |
| 11       COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES         12       PERSONAL AND CULINARY SERVICES         13       EDUCATION         14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGUSH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LISURE AND RELGIOUS SUDIES         39       THEOLOGY AND RELIGIOUS SUDIES                                                                                            |      |                                                               |  |
| 12       PERSONAL AND CULINARY SERVICES         13       EDUCATION         14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPESONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         39       THEOLOGY AND RELIGIOUS SUDLES         39       THEOLOGY AND RELIGIOUS SUDLES                                                                                                            |      |                                                               |  |
| 13       EDUCATION         14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MULTI/ITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AND SOCIAL SKILLS         38       PHILOSOPHY AND RELIGIOUS SUDDIES         39       THEOLOGY AND RELIGIOUS VOCATIONS                                                                                                      |      |                                                               |  |
| 14       ENGINEERING         15       ENGINEERING TECHNOLOGIES/TECHNICIANS         16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBERAY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MUUTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AWARENESS AND SELF-IMIPROVEMENT         38       PHILOSOPHY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS <td></td> <td></td>                                                             |      |                                                               |  |
| 16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LIEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AND SOCIAL SKILLS         38       HILOSOPHY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY                                                                                                      |      |                                                               |  |
| 16       FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS         19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LIEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AWARENESS AND SELF-IMPROVEMENT         38       PHILOSOPHY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY         43       SECURITY AND PROTECTIVE SERVICES                                                                                      |      | ENGINEERING TECHNOLOGIES/TECHNICIANS                          |  |
| 19       FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES         21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AWARENESS AND SELF-IMPROVEMENT         38       PHILOSOPHY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY         43       SECURITY AND PROTECTIVE SERVICES                                                                                                       |      |                                                               |  |
| 21       TECHNOLOGY EDUCATION/INDUSTRIAL ARTS         22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AWARENESS AND SELF-IMPROVEMENT         38       PHILOSOPHY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS SUCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY         43       SECURITY AND PROTECTIVE SERVICES         44       PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS                                                                                               | 19   |                                                               |  |
| 22       LEGAL PROFESSIONS AND STUDIES         23       ENGLISH LANGUAGE AND LITERATURE/LETTERS         24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AND RELIGIOUS STUDIES         38       PHILOSOPHY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY         43       SECURITY AND PROTECTIVE SERVICES         44       PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS         45       SOCIAL SCIENCES         46                                                                                                                  | 21   |                                                               |  |
| 24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AND SOCIAL SKILLS         38       PHILOSOPHY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY         43       SECURITY AND PROTECTIVE SERVICES         44       PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS         45       SOCIAL SCIENCES         46       CONSTRUCTION TRADES         47       MECHANIC AND REPAI                                                                                                                | 22   |                                                               |  |
| 24       LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES         25       LIBRARY SCIENCE         26       BIOLOGICAL AND BIOMEDICAL SCIENCES         27       MATHEMATICS AND STATISTICS         28       RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)         29       MILITARY TECHNOLOGIES         30       MULTI/INTERDISCIPLINARY STUDIES         31       PARKS, RECREATION, LEISURE, AND FITNESS STUDIES         32       BASIC SKILLS         33       CITIZENSHIP ACTIVITIES         34       HEALTH-RELATED KNOWLEDGE AND SKILLS         35       INTERPERSONAL AND SOCIAL SKILLS         36       LEISURE AND RECREATIONAL ACTIVITIES         37       PERSONAL AWARENESS AND SELF-IMPROVEMENT         38       PHILOSOPHY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS STUDIES         39       THEOLOGY AND RELIGIOUS VOCATIONS         40       PHYSICAL SCIENCES         41       SCIENCE TECHNOLOGIES/TECHNICIANS         42       PSYCHOLOGY         43       SECURITY AND PROTECTIVE SERVICES         44       PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS         45       SOCIAL SCIENCES         46       CONSTRUCTION TRADES         47       MECHA                                                                                                                | 23   | ENGLISH LANGUAGE AND LITERATURE/LETTERS                       |  |
| 25LIBRARY SCIENCE26BIOLOGICAL AND BIOMEDICAL SCIENCES27MATHEMATICS AND STATISTICS28RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)29MILITARY TECHNOLOGIES30MULTI/INTERDISCIPLINARY STUDIES31PARKS, RECREATION, LEISURE, AND FITNESS STUDIES32BASIC SKILLS33CITIZENSHIP ACTIVITIES34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                      | 24   |                                                               |  |
| 27MATHEMATICS AND STATISTICS28RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)29MILITARY TECHNOLOGIES30MULTI/INTERDISCIPLINARY STUDIES31PARKS, RECREATION, LEISURE, AND FITNESS STUDIES32BASIC SKILLS33CITIZENSHIP ACTIVITIES34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                              | 25   |                                                               |  |
| 28RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)29MILITARY TECHNOLOGIES30MULTI/INTERDISCIPLINARY STUDIES31PARKS, RECREATION, LEISURE, AND FITNESS STUDIES32BASIC SKILLS33CITIZENSHIP ACTIVITIES34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES54HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                          | 26   | BIOLOGICAL AND BIOMEDICAL SCIENCES                            |  |
| 29MILITARY TECHNOLOGIES30MULTI/INTERDISCIPLINARY STUDIES31PARKS, RECREATION, LEISURE, AND FITNESS STUDIES32BASIC SKILLS33CITIZENSHIP ACTIVITIES34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                        | 27   | MATHEMATICS AND STATISTICS                                    |  |
| <ul> <li>MULTI/INTERDISCIPLINARY STUDIES</li> <li>PARKS, RECREATION, LEISURE, AND FITNESS STUDIES</li> <li>BASIC SKILLS</li> <li>CITIZENSHIP ACTIVITIES</li> <li>HEALTH-RELATED KNOWLEDGE AND SKILLS</li> <li>INTERPERSONAL AND SOCIAL SKILLS</li> <li>LEISURE AND RECREATIONAL ACTIVITIES</li> <li>PERSONAL AWARENESS AND SELF-IMPROVEMENT</li> <li>PHILOSOPHY AND RELIGIOUS STUDIES</li> <li>THEOLOGY AND RELIGIOUS VOCATIONS</li> <li>PHYSICAL SCIENCES</li> <li>SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>PSYCHOLOGY</li> <li>SECURITY AND PROTECTIVE SERVICES</li> <li>SOCIAL SCIENCES</li> <li>SOCIAL SCIENCES</li> <li>PRECISION PRODUCTION AND SOCIAL SERVICE PROFESSIONS</li> <li>SOCIAL SCIENCES</li> <li>PRECISION PRODUCTION</li> <li>TRANSPORTATION AND MATERIALS MOVING</li> <li>VISUAL AND PERFORMING ARTS</li> <li>HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>HISTORY</li> </ul>                                                                                                                                                                                                                                                                               | 28   | RESERVE OFFICER TRAINING CORPS (JROTC, ROTC)                  |  |
| 31PARKS, RECREATION, LEISURE, AND FITNESS STUDIES32BASIC SKILLS33CITIZENSHIP ACTIVITIES34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29   | MILITARY TECHNOLOGIES                                         |  |
| 32BASIC SKILLS33CITIZENSHIP ACTIVITIES34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30   | MULTI/INTERDISCIPLINARY STUDIES                               |  |
| <ul> <li>CITIZENSHIP ACTIVITIES</li> <li>HEALTH-RELATED KNOWLEDGE AND SKILLS</li> <li>INTERPERSONAL AND SOCIAL SKILLS</li> <li>LEISURE AND RECREATIONAL ACTIVITIES</li> <li>PERSONAL AWARENESS AND SELF-IMPROVEMENT</li> <li>PHILOSOPHY AND RELIGIOUS STUDIES</li> <li>THEOLOGY AND RELIGIOUS VOCATIONS</li> <li>PHYSICAL SCIENCES</li> <li>SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>PSYCHOLOGY</li> <li>SECURITY AND PROTECTIVE SERVICES</li> <li>PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>SOCIAL SCIENCES</li> <li>CONSTRUCTION TRADES</li> <li>MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>PRECISION PRODUCTION</li> <li>TRANSPORTATION AND MATERIALS MOVING</li> <li>VISUAL AND PERFORMING ARTS</li> <li>HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                            | 31   | PARKS, RECREATION, LEISURE, AND FITNESS STUDIES               |  |
| 34HEALTH-RELATED KNOWLEDGE AND SKILLS35INTERPERSONAL AND SOCIAL SKILLS36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32   |                                                               |  |
| <ul> <li>INTERPERSONAL AND SOCIAL SKILLS</li> <li>LEISURE AND RECREATIONAL ACTIVITIES</li> <li>PERSONAL AWARENESS AND SELF-IMPROVEMENT</li> <li>PHILOSOPHY AND RELIGIOUS STUDIES</li> <li>THEOLOGY AND RELIGIOUS VOCATIONS</li> <li>PHYSICAL SCIENCES</li> <li>SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>SECURITY AND PROTECTIVE SERVICES</li> <li>SOCIAL SCIENCES</li> <li>SOCIAL SCIENCES</li> <li>CONSTRUCTION TRADES</li> <li>CONSTRUCTION TRADES</li> <li>PRECISION PRODUCTION</li> <li>TRANSPORTATION AND MATERIALS MOVING</li> <li>VISUAL AND PERFORMING ARTS</li> <li>HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>BUSINESS, MANAGEMENT, MARKETING, AND CERTIFICATES</li> <li>HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33   | CITIZENSHIP ACTIVITIES                                        |  |
| 36LEISURE AND RECREATIONAL ACTIVITIES37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 34   | HEALTH-RELATED KNOWLEDGE AND SKILLS                           |  |
| 37PERSONAL AWARENESS AND SELF-IMPROVEMENT38PHILOSOPHY AND RELIGIOUS STUDIES39THEOLOGY AND RELIGIOUS VOCATIONS40PHYSICAL SCIENCES41SCIENCE TECHNOLOGIES/TECHNICIANS42PSYCHOLOGY43SECURITY AND PROTECTIVE SERVICES44PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS45SOCIAL SCIENCES46CONSTRUCTION TRADES47MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS48PRECISION PRODUCTION49TRANSPORTATION AND MATERIALS MOVING50VISUAL AND PERFORMING ARTS51HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES52BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 35   | INTERPERSONAL AND SOCIAL SKILLS                               |  |
| <ul> <li>38 PHILOSOPHY AND RELIGIOUS STUDIES</li> <li>39 THEOLOGY AND RELIGIOUS VOCATIONS</li> <li>40 PHYSICAL SCIENCES</li> <li>41 SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>42 PSYCHOLOGY</li> <li>43 SECURITY AND PROTECTIVE SERVICES</li> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36   | LEISURE AND RECREATIONAL ACTIVITIES                           |  |
| <ul> <li>39 THEOLOGY AND RELIGIOUS VOCATIONS</li> <li>40 PHYSICAL SCIENCES</li> <li>41 SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>42 PSYCHOLOGY</li> <li>43 SECURITY AND PROTECTIVE SERVICES</li> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 37   | PERSONAL AWARENESS AND SELF-IMPROVEMENT                       |  |
| <ul> <li>40 PHYSICAL SCIENCES</li> <li>41 SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>42 PSYCHOLOGY</li> <li>43 SECURITY AND PROTECTIVE SERVICES</li> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 38   | PHILOSOPHY AND RELIGIOUS STUDIES                              |  |
| <ul> <li>41 SCIENCE TECHNOLOGIES/TECHNICIANS</li> <li>42 PSYCHOLOGY</li> <li>43 SECURITY AND PROTECTIVE SERVICES</li> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 39   | THEOLOGY AND RELIGIOUS VOCATIONS                              |  |
| <ul> <li>42 PSYCHOLOGY</li> <li>43 SECURITY AND PROTECTIVE SERVICES</li> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40   | PHYSICAL SCIENCES                                             |  |
| <ul> <li>43 SECURITY AND PROTECTIVE SERVICES</li> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 41   | SCIENCE TECHNOLOGIES/TECHNICIANS                              |  |
| <ul> <li>44 PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS</li> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 42   | PSYCHOLOGY                                                    |  |
| <ul> <li>45 SOCIAL SCIENCES</li> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 43   | SECURITY AND PROTECTIVE SERVICES                              |  |
| <ul> <li>46 CONSTRUCTION TRADES</li> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 44   | PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS          |  |
| <ul> <li>47 MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS</li> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45   | SOCIAL SCIENCES                                               |  |
| <ul> <li>48 PRECISION PRODUCTION</li> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46   | CONSTRUCTION TRADES                                           |  |
| <ul> <li>49 TRANSPORTATION AND MATERIALS MOVING</li> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 47   | MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS                  |  |
| <ul> <li>50 VISUAL AND PERFORMING ARTS</li> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 48   | PRECISION PRODUCTION                                          |  |
| <ul> <li>51 HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES</li> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 49   | TRANSPORTATION AND MATERIALS MOVING                           |  |
| <ul> <li>52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES</li> <li>53 HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES</li> <li>54 HISTORY</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 50   | VISUAL AND PERFORMING ARTS                                    |  |
| 53HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES54HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 51   | HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES              |  |
| 54 HISTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 52   | BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 53   | HIGH SCHOOL/SECONDARY DIPLOMAS AND CERTIFICATES               |  |
| 60 RESIDENCY PROGRAMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 54   | HISTORY                                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 60   | RESIDENCY PROGRAMS                                            |  |



## Revealed by the second second







## Thank You! Gil Oswald Senior Project Manager Gil.Oswald@AssetWorks.com

