## LOS ANGELES MISSION COLLEGE 2020-2021 CATALOG ADDENDUM II

This addendum contains updates to existing courses and programs, as well as any new courses or programs that were approved after the publication of the 2020-2021 Catalog and 2020-2021 Catalog Addendum I.

## REINSTATED COURSE

- MATH 120

UPDATED CREDIT PROGRAMS

- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
- Sociology
- Studio Art
- ASSOCIATE IN ARTS
- Multimedia: Graphic and Web Design
- Video Production
- CERTIFICATE OF ACHIEVEMENT
- Multimedia: Graphic and Web Design
- School Age Care and Education
- Video Production


## NEW CREDIT PROGRAMS

- CERTIFICATE OF ACHIEVEMENT
- English for Academic Purposes Advanced 1
- English for Academic Purposes Advanced 2
- English for Academic Purposes Intermediate 1
- English for Academic Purposes Intermediate 2
- Health Occupations Fundamentals


## NEW NONCREDIT PROGRAMS

- CERTIFICATE OF COMPETENCY:
- English for Academic Purposes Advanced 1
- English for Academic Purposes Advanced 2
- English for Academic Purposes Intermediate 1
- English for Academic Purposes Intermediate 2
- Programming
- Robotics
- Social Media
- Sustainable Small Business Development


## OTHER UPDATES

- Credit By Examination
- CLN ART 050, 060
- MULTIMD 220


## EDUCATIONAL PROGRAMS

## ASSOCIATE IN ARTS (AA)

Multimedia: Graphic \& Web Design (M011975C)
This program was created to prepare students for careers involving the Internet and graphic layout with a focus on marketing and design. It integrates the elements of illustration, logo-design, typography, HTML/CSS page layout, audio, video, still images, animation, text and data for the delivery of graphic and online interactive content. Our program is designed to give students the skills and training to compete in this creative and high skill industry.
Students will learn the skills and techniques of computer graphics, electronic imaging and production using scanners, digital cameras and computer-based hardware and software (such as Photoshop, Adobe InDesign, Adobe Dreamweaver and Adobe Illustrator) and all other essential skills to begin a career in the design field.
Program Learning Outcomes - Upon completion, students will be able to:

- Analyze and apply the elements and principles of design with competent skill and technique with computer based media.
- Analyze basic design principles with an emphasis on illustration, graphic layouts, logo creation, font creation, web navigation, web page layout, and the ability to apply these principles to a specific aesthetic intent, including a functional knowledge of the traditions, conceptual modes, and evolutions of the discipline.
- Synthesize visual forms and their aesthetic functions and basic design principles, with attention to such areas as design, color, and lighting.

| REQUIRED COURSES UNITS |  |
| :---: | :---: |
| ART 201 Drawing 1 | 3 |
| ART 501 Beginning Two-Dimensional Design | 3 |
| ART 502 Beginning Three-Dimensional Design | 3 |
| MULTIMD 100 Introduction to Multimedia Computer Applications | ions 3 |
| MULTIMD 110 Visual Communication | 3 |
| MULTIMD 200 Digital Imaging | 3 |
| MULTIMD 220 Illustration for Multimedia | 3 |
| MULTIMD 240 Graphic Design for Multimedia | 3 |
| MULTIMD 245 Typography for Multimedia and Graphic Design | ign 3 |
| MULTIMD 320 Web Design | 3 |
| MULTIMD 340 Vector Graphics | 3 |
| MULTIMD 500 Multimedia Laboratory | 1 |
| Select one (1) course from the following: | 3 |
| PHOTO 007 Exploring Digital Photography | 3 |
| MULTIMD 210 Digital Editing | 3 |
| MULTIMD 350 Advanced Web Design | 3 |

Total 37
NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of $C$ or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

## ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

Sociology (M033215G)
The Associate in Arts Degree for Sociology for Transfer is intended for students who plan to complete a bachelor's degree in a similar major
at a CSU campus. Students completing this degree are guaranteed admission to the CSU system (not to a particular campus or major) and receive priority in registration as a junior. This degree will provide the student with a strong foundation in the discipline, as well as exposure to various areas included in this field. Students interested in transferring and/or completing an Associate in Arts in Sociology for Transfer should meet with a counselor to determine the coursework necessary to complete all the requirements.
Program Learning Outcomes - Upon completion, students will be able to:

- Evaluate the merits of sociological research methods (e.g., interviews, case studies, field work, content analysis, and survey design); select and apply these methods to formulate and investigate well-reasoned sociological research questions.
- Compare and assess the features of the major sociological theories and perspectives of human behavior and social situations.
- Demonstrate the ability to be academically successful in at least two separate areas of sociological emphasis (Marriage and Family, Race and Ethnic Relations, Crime and Delinquency, Social Psychology, Social Problems, and/ or Gender).

| REQUIRED CORE |  | UNITS |
| :---: | :---: | :---: |
| SOC 001 | Introduction to Sociology | 3 |
| SOC 002 | American Social Problems |  |
| or MATH 227 | Statistics | 3-4 |
| SOC 004 | Sociological Analysis | 3 |
| List A: Select two (2) courses: |  | 6 |
| SOC 003 | Crime \& Delinquency |  |
| SOC 011 | Race and Ethnic Relations |  |
| SOC 013 | Society and Personality |  |
| SOC 028 | The Family: A Sociological Approach |  |
| List B: Select one (1) course: |  | 3 |
| LING 001 | Introduction to Linguistics |  |
| SOC 031 | Sociology of Gender |  |
| Or any List A course not already used |  |  |
| Total 18-19 |  |  |
| NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of $C$ or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information. |  |  |

## ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

## Studio Arts (M033131G)

The Studio Arts program is designed as preparation for transfer to California State University System as a major in Studio Art or a related major. The program provides a foundation in studio art practice focusing on the elements and principles of art while exploring a variety of theories, techniques and materials. Students take courses in art history, design, and drawing, with choices in painting, sculpture and photography in preparation for a career in art.
Program Learning Outcomes - Upon completion, students will be able to:

- Communicate effectively through the uses of discipline specific terminology in oral and written communication;
- Demonstrate aesthetic responsiveness by taking a position on and communicating the merits of specific works of art and how those works of art reflect human values within historical, cultural, political, and philosophical contexts.
- Develop competent skill in the creation of art including:
a. investigation of the elements and principles of art into two and three dimensional works;
b. observational drawing and the illusion of space;
c. the traditional and experimental use of media;
d. and synthesis of historical and contemporary art concepts into a portfolio of artwork in preparation for transfer.

| REQUIRED CORE |  | UNITS |
| :---: | :---: | :---: |
| ART 201 | Drawing I | 3 |
| ART 501 | Beginning Two Dimensional Design | 3 |
| ART 502 | Beginning Three Dimensional Design | 3 |
| ARTHIST 120 | Survey of Western Art History II | 3 |
| List A: Select one (1) from the following three (3) |  |  |
| Art History courses: |  | 3 |
| ARTHIST 110 Survey of Western Art History I |  |  |
| ARTHIST 130 Survey of Asian Art History |  |  |
| ARTHIST 140 Survey of Arts of Africa, Oceania, and Ancient America |  |  |
| List B: Select three (3) courses from separate curricular areas: |  | 9 |
| DRAWING | ART 202 Drawing II or ART 204 Life Drawing I |  |
| PAINTING | ART 300 Introduction to Painting |  |
| SCULPTURE | ART 700 Introduction to Sculpture or ART 701 Sculpture I |  |
| PHOTOGRAPH | Y PHOTO 007 Exploring Digital Photography or PHOTO 010 Beginning Photography |  |

Total 24
NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of $C$ or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

## ASSOCIATE IN ARTS (AA)

Multimedia: Video Production (M011978C)
Students in the program are taught about cinematography, camera techniques, and postproduction. In our program, students take classes in Cinema History, Photography/Visual Storytelling, Audio Production, Digital Editing, and 2D Animation/motion Graphics. You can learn the ins and outs of pre- and post-production and non-linear editing, plus lighting and audio for video and field production. Before graduating, students compile work they created into a portfolio reel to show potential employers. Graduates of the program are prepared to seek entry-level jobs like cinematographer, video editor, scriptwriter, producer, and camera operator.
Program Learning Outcomes - Upon completion, students will be able to:

- Analyze and apply the elements and principles of production design with competent skill and technique with production equipment such as cameras and computer editing software;
- Appraise historical, cultural, and aesthetic factors that led to rise of popular narrative and documentary filmmaking and how its model of production became the dominant form practiced by popular cinemas worldwide;
- Recognize, articulate, and judge the visual, verbal, and audio conventions through which images, words, and sounds make meaning in film and media texts.

| REQUIRED COURSES | UNITS |
| :--- | :---: |
| CINEMA 003 History of Motion Pictures \& Television | 3 |
| or CINEMA 004 History of Documentary Film |  |
| CINEMA 107 | Understanding Motion Pictures |
| CINEMA 125 Film Production Workshop | 3 |
| JOURNAL 100 Social Value in Mass Communication | 3 |
| MULTIMD 100 Introduction to Multimedia Computer Applications | 3 |
| MULTIMD 110 Visual Communication | 3 |
| or MULTIMD 210 Digital Editing |  |
| MULTIMD 200 Digital Imaging | 3 |
| MULTIMD 500 Multimedia Laboratory | 1 |
| MULTIMD 600 Story, Script and Screen | 3 |
| MULTIMD 605 Studio Production | 3 |
| MULTIMD 610 Introduction to Digital Video Production | 3 |
| MULTIMD 620 Digital Audio | 3 |
| MULTIMD 640 Digital Video Production Digital Editing | 3 |
| PHOTO 007 $\quad$ Exploring Digital Photography | Total 37 |
| NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher <br> must be completed to earn the Associate Degree. Major courses must <br> each be completed with a grade of cor better. Always consult a <br> counselor for information on program and graduation requirements, <br> residency requirements and transfer information. |  | residency requirements and transfer information.

## CERTIFICATE OF ACHIEVEMENT

## English for Academic Purposes Advanced 1 (M040786D)

The completion of level 5 in the ESL sequence, E.S.L. 5A, E.S.L. 5B and E.S.L. 5C will lead to the Certificate of Achievement in English for Academic Purposes Advanced 1. Students will acquire English to the Low Advanced ESL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.

## REQUIRED COURSES

UNITS
E.S.L. O05A College ESL V: Writing and Grammar 6
E.S.L. O05B College ESL V: Reading and Vocabulary 3
E.S.L. O05C College ESL V: Listening and Speaking 3

Total 12

## CERTIFICATE OF ACHIEVEMENT

## English for Academic Purposes Advanced 2 (M040787D)

The completion of level 6 in the ESL sequence, E.S.L. 6A, E.S.L. 6B and E.S.L. 6 C will lead to the Certificate of Achievement in English for Academic Purposes Advanced 2. Students will acquire English to the Advanced ESL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.

## REQUIRED COURSES <br> UNITS

E.S.L. O06A College ESL VI: Writing and Grammar 6
E.S.L. 006B College ESL VI: Reading and Vocabulary 3
E.S.L. O06C College ESL VI: Listening and Speaking 3

Total 12

## CERTIFICATE OF ACHIEVEMENT

English for Academic Purposes Intermediate 1
(M040784D)
The completion of level 3 in the ESL sequence, E.S.L. 3A, E.S.L. 3 B and E.S.L. 3C will lead to the Certificate of Achievement in English for Academic Purposes Intermediate 1. Students will acquire English to the Low Intermediate ESL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.

| REQUIRED COURSES | UNITS |  |
| :--- | :--- | :---: |
| E.S.L. OO3A | College ESL III: Writing and Grammar | 6 |
| E.S.L. OO3B | College ESL III: Reading and Vocabulary | 3 |
| E.S.L. 003 C | College ESL III: Listening and Speaking | 3 |
|  |  |  |

## CERTIFICATE OF ACHIEVEMENT

English for Academic Purposes Intermediate 2
(M040785D)
The completion of level 4 in the ESL sequence, E.S.L. 4A, E.S.L. 4 B and E.S.L. 4C will lead to the Certificate of Achievement in English for Academic Purposes Intermediate 2. Students will acquire English to the High Intermediate ESL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.

## REQUIRED COURSES

UNITS
E.S.L. O04A College ESL IV: Writing and Grammar 6
E.S.L. 004B College ESL IV: Reading and Vocabulary 3
E.S.L. OO4C College ESL IV: Listening and Speaking

## CERTIFICATE OF ACHIEVEMENT

Multimedia: Graphic \& Web Design (M021760D)
This program was created to prepare students for careers involving the Internet and graphic layout with a focus on marketing and design. It integrates the elements of illustration, logo-design, typography, HTML/CSS page layout, audio, video, still images, animation, text and data for the delivery of graphic and online interactive content. Our program is designed to give students the skills and training to compete in this creative and high skill industry. Students will learn the skills and techniques of computer graphics, electronic imaging and production using scanners, digital cameras and computer-based hardware and software (such as Photoshop, Adobe InDesign, Adobe Dreamweaver and Adobe Illustrator) and all other essential skills to begin a career in the design field.
Program Learning Outcomes - Upon completion, students will be able to:

- Analyze and apply the elements and principles of design with competent skill and technique with computer based media.
- Analyze basic design principles with an emphasis on illustration, graphic layouts, logo creation, font creation, web navigation, web
page layout, and the ability to apply these principles to a specific aesthetic intent, including a functional knowledge of the traditions, conceptual modes, and evolutions of the discipline.
- Synthesize visual forms and their aesthetic functions and basic design principles, with attention to such areas as design, color, and lighting.
REQUIRED COURSES ..... UNITS
ART 201 Drawing 1 ..... 3
ART 501 Beginning Two-Dimensional Design ..... 3
ART 502 Beginning Three-Dimensional Design ..... 3
MULTIMD 100 Introduction to Multimedia Computer Applications ..... 3
MULTIMD 110 Visual Communication ..... 3
MULTIMD 200 Digital Imaging ..... 3
MULTIMD 220 Illustration for Multimedia ..... 3
MULTIMD 240 Graphic Design for Multimedia ..... 3
MULTIMD 245 Typography for Multimedia and Graphic Design ..... 3
MULTIMD 320 Web Design ..... 3
MULTIMD 340 Vector Graphics ..... 3
MULTIMD 500 Multimedia Laboratory ..... 1
Select one (1) course from the following: ..... 3
PHOTO 007 Exploring Digital Photography ..... 3
MULTIMD 210 Digital Editing ..... 3
MULTIMD 350 Advanced Web Design ..... 3
Total 37


## CERTIFICATE OF ACHIEVEMENT

## School Age Care and Education (M010716D)

This Certificate is for persons seeking employment or who are employed in school age childcare programs.
Program Learning Outcomes - Upon completion, students will be able to:

- Apply professional standards of practice to the care and education of children and families as they apply to school age learning settings.
REQUIRED COURSES ..... UNITS
CH DEV 001 Child Growth \& Development ..... 3
CH DEV 011 Child, Family \& Community ..... 3
CH DEV 045 Programs for Children with Special Needs ..... 3
CH DEV 046 School Age Programs I ..... 3
EDUC 001 Introduction to Teaching ..... 3
EDUC 203 Education in American Society ..... 3


## CERTIFICATE OF ACHIEVEMENT

Multimedia: Video Production (M021762D)
Students in the program are taught about cinematography, camera techniques, and postproduction. In our program, students take classes in Cinema History, Photography/Visual Storytelling, Audio Production, Digital Editing, and 2D Animation/motion Graphics. You can learn the ins and outs of pre- and post-production and non-linear editing, plus lighting and audio for video and field production. Before graduating, students compile work they created into a portfolio reel to show potential employers. Graduates of the program are prepared to seek entry-level jobs like cinematographer, video editor, scriptwriter, producer, and camera operator.

Program Learning Outcomes - Upon completion, students will be able to:

- Analyze and apply the elements and principles of production design with competent skill and technique with production equipment such as cameras and computer editing software;
- Appraise historical, cultural, and aesthetic factors that led to rise of popular narrative and documentary filmmaking and how its model of production became the dominant form practiced by popular cinemas worldwide;
- Recognize, articulate, and judge the visual, verbal, and audio conventions through which images, words, and sounds make meaning in film and media texts.

| REQUIRED COURSES | UNITS |
| :--- | :---: |
| CINEMA 003 History of Motion Pictures \& Television | 3 |
| or CINEMA 004 History of Documentary Film |  |
| CINEMA 107 | Understanding Motion Pictures |
| CINEMA 125 Film Production Workshop | 3 |
| JOURNAL 100 Social Value in Mass Communication | 3 |
| MULTIMD 100 Introduction to Multimedia Computer Applications | 3 |
| MULTIMD 110 Visual Communication | 3 |
| or MULTIMD 210 Digital Editing |  |
| MULTIMD 200 Digital Imaging | 3 |
| MULTIMD 500 Multimedia Laboratory | 1 |
| MULTIMD 600 Story, Script and Screen | 3 |
| MULTIMD 605 Studio Production | 3 |
| MULTIMD 610 Introduction to Digital Video Production | 3 |
| MULTIMD 620 Digital Audio | 3 |
| MULTIMD 640 Digital Video Production Digital Editing | 3 |
| PHOTO 007 $\quad$ Exploring Digital Photography | 3 |
|  |  |

## CERTIFICATE OF COMPETENCY

## English for Academic Purposes Advanced 1 (M040790F)

The completion of Low Advanced ESL courses in the ESL sequence, ESL NC 151CE, ESL NC 152CE and ESL NC 153CE lead to the Certificate of Competency in English for Academic Purposes Advanced 1. Students will acquire English to the Low Advanced ESOL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.
Program Learning Outcomes - Upon completion, students will be able to:

- Students will produce writing that incorporates low-advanced grammatical structures.
- Students will produce a 300 word essay that achieves cohesion through the organization of content and through the use of appropriate transitions and connectors.
- Students will analyze character, plot, setting, tone and theme in abridged and non-abridged fiction at the low-advanced level.
- Students will paraphrase and summarize low-advanced texts.
- Students will give an informal presentation in which they defend an opinion.
- Students will listen to and take notes on a pre-college level discussion and/or lecture.


## REQUIRED COURSES

HOURS
108
54

ESL NC 153CE College ESL V: Listening and Speaking
Total Hours 216

## CERTIFICATE OF COMPETENCY

## English for Academic Purposes Advanced 2 (M040791F)

The completion of Advanced ESL courses in the ESL sequence, NC ESL 161 CE, NC ESL 162 CE and NC ESL 163 CE lead to the Certificate of Competency in English for Academic Purposes Advanced 2. Students will acquire English to the Advanced ESOL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.
Program Learning Outcomes - Upon completion, students will be able to:

- Students will produce writing that incorporates advanced grammatical structures.
- Students will produce a 400 word essay on an academic topic which is well-organized and which adequately supports a thesis.
- Students will evaluate the major elements of fiction at a highadvanced level
- Students will paraphrase and summarize high-advanced level texts.
- Students will give a formal presentation based on a previously developed outline.
- Students will listen to and comprehend abstract topics which are presented without a visual context.


## REQUIRED COURSES

HOURS
ESL NC 151CE College ESL VI: Writing and Grammar 108
ESL NC 152CE College ESL VI: Reading and Vocabulary
ESL NC 153CE College ESL VI: Listening and Speaking 54

Total Hours 216

## CERTIFICATE OF COMPETENCY English for Academic Purposes Intermediate 1 (M040789F)

The completion of Intermediate ESL courses in the ESL sequence, ESL NC 131CE, ESL NC 132CE and, ESL NC 133CE lead to the Certificate of Competency in English for Academic Purposes Intermediate 1. Students will acquire English to the Intermediate ESL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines.
Program Learning Outcomes - Upon completion, students will be able to:

- Produce writing that incorporate low-intermediate grammatical structures.
- Produce a cohesive 150-word paragraph which has a topic sentence, supporting sentences, and a conclusion.
- Analyze and use vocabulary at a low-intermediate level.
- Identify the main idea and supporting ideas in a low-intermediate academic text.
- Discuss and respond to questions regarding a simplified academic text.
- Comprehend informal English conversation.
- Participate in informal conversations.


## REQUIRED COURSES

## HOURS

ESL NC 131CE College ESL III: Writing and Grammar
ESL NC 132CE College ESL III: Reading and Vocabulary
ESL NC 133CE College ESL III: Listening and Speaking
Total Hours 216

## CERTIFICATE OF COMPETENCY

English for Academic Purposes Intermediate 2 (M040788F)
The completion of High Intermediate ESL courses in the ESL sequence, ESL NC 141CE, ESL NC 142CE and ESL NC 143CE lead to the Certificate of Competency in English for Academic Purposes Intermediate 2. Students will acquire English to the High Intermediate ESOL level, including English reading, speaking, grammar, writing, vocabulary and listening. This certificate provides a pathway to career and college degree coursework in a variety of disciplines
Program Learning Outcomes - Upon completion, students will be able to:

- Students will produce writing that incorporates high-intermediate grammatical structures.
- Students will produce a cohesive 200 word paragraph that adheres to the format of academic writing.
- Students will analyze character, plot, and setting in abridged and non-abridged fiction at the high-intermediate level.
- Students will identify the main ideas and supporting details in highintermediate academic texts.
- Students will listen to and take notes on an intermediate level discussion.
- Students will participate in discussions regarding intermediate level academic texts.


## REQUIRED COURSES

HOURS
ESL NC 141CE College ESL IV: Writing and Grammar
ESL NC 142CE College ESL IV: Reading and Vocabulary
ESL NC 143CE College ESL IV: Listening and Speaking
Total Hours 216

## CERTIFICATE OF COMPETENCY

## Programming (M040465F)

An Introduction to CSIT Certificate of Competency - Programming is one of the set of three certificates that allows students to study, play and visualize what is Computer Science and Information Technology. Expands the student's vision and allows them to view the full spectrum of emerging careers in Computer Science and Information Technology. Provides basic understanding of programming, social media, web applications, and/or robots.
Program Learning Outcomes - Upon completion, students will be able to:

- Have an overview of computers and provide environment for hands-on labs to learn basics of programming, basics of a social media or basics of a simple robot.
- Generate interest to purse these high-pay and high-demand jobs themselves or encourage others in their community to learn these skills.
- Stimulate critical thinking and allow them to view the digital world as tools for entertainment or solve personal, social, or business problems.

| REQUIRED COURSES | HOURS |
| :--- | ---: |
| VOC ED 281CE Exploring Computer Science Information |  |
| $\quad$ Technology Careers | 18 |
| VOC ED 286CE Everyone Can Code | 18 |

Total Hours 36

## CERTIFICATE OF COMPETENCY

## Robotics (M040462F)

An Introduction to CSIT Certificate of Competency - Robotics that allows students to study, play and visualize what is Computer Science and Information Technology. Expands the student's vision and allows them to view the full spectrum of emerging careers in Computer Science and Information Technology. Provides basic understanding of programming, social media, web applications, and/or robots.
Program Learning Outcomes - Upon completion, students will be able to:

- Have an overview of computers and provide environment for hands-on labs to learn basics of programming, basics of a social media or basics of a simple robot.
- Generate interest to purse these high-pay and high-demand jobs themselves or encourage others in their community to learn these skills.
- Stimulate critical thinking and allow them to view the digital world as tools for entertainment or solve personal, social, or business problems.

REQUIRED COURSES HOURS
VOC ED 281CE Exploring Computer Science Information Technology Careers
VOC ED 292CE Robotics Lab I 18
Total Hours 36

## CERTIFICATE OF COMPETENCY

## Social Media (M040463F)

An Introduction to CSIT Certificate of Competency - Social Media is one of the set of three certificates that allows students to study, play and visualize what is Computer Science and Information Technology. Expands the student's vision and allows them to view the full spectrum of emerging careers in Computer Science and Information Technology. Provides basic understanding of programming, social media, web applications, and/or robots.
Program Learning Outcomes - Upon completion, students will be able to:

- Have an overview of computers and provide environment for hands-on labs to learn basics of programming, basics of a social media or basics of a simple robot.
- Generate interest to purse these high-pay and high-demand jobs themselves or encourage others in their community to learn these skills.
- Stimulate critical thinking and allow them to view the digital world as tools for entertainment or solve personal, social, or business problems.

REQUIRED COURSES HOURS
VOC ED 281CE Exploring Computer Science Information Technology Careers
VOC ED 294CE Introduction to Social Media - Wordpress Blogs 18
Total Hours 36

## CERTIFICATE OF COMPETENCY

## Sustainable Small Business Development (M040358F)

Sustainable businesses are enterprises that strive to meet the triple bottom line, which is a social, environmental and financial framework to evaluate business performance and success over time. Upon completion of the required 6 courses, students will receive a Certificate of Competency in Sustainable Small Business Development. This certificate provides a pathway to career and college degree coursework in Business and/or Entrepreneurship. Program Learning Outcomes - Upon completion, students will be able to:

- Assess the viability of a socially responsible, entrepreneurial idea, product or service.

REQUIRED COURSES HOURS
VOC ED 190CE Pathway to Socially Responsible Entrepreneurship2
VOC ED 191CE Starting Your Own Small Business ..... 2
VOC ED 192CE Managing Small Business Operations ..... 2
VOC ED 193CE Marketing and Sales for Small Business ..... 2
VOC ED 194CE Technology for Small Business ..... 2
VOC ED 195CE Entrepreneurial Finance ..... 2

Total Hours 12

## CREDIT BY EXAMINATION

The courses listed below are eligible for Credit by Examination, in addition to the courses on page 39 of the published catalog:

- CLN ART 050, 060
- MULTIMD 220

