Agriculture Concentration Areas		
• **Agribusiness** • **Agricultural Geospatial Technology** • **Agricultural Production Management** • **Animal Science**		• **Environmental Horticulture and Conservation** • **Parks and Natural Resources** • **Small Scale Food Production** • **Sustainable Agriculture**
Track One **Certificate**	**Track Two** **Non-Certificate Courses**	**Track Three** **Courses and English**
Minimum Requirements		
Participants who meet the following criteria will be eligible to participate in Track One: • Students must meet minimum language requirements to enroll in credit-bearing classes. • Pre-requisites may be required for specific courses.	Participants who meet the following criteria will be eligible to participate in Track Two: • Students must meet minimum language requirements to enroll in credit or workforce classes. • Pre-requisites may be required for specific courses.	Students who have not yet met minimum requirements in English at their host campus will take a combination of English classes and content courses, as possible based on their level of proficiency and department approval.
Sample Field Concentration Courses		
Principles of Agronomy Principles of Horticulture Introduction to Sustainable Agric Precision Farming Systems Introduction to GPS AG Applications of GIS Fundamental of Soil Science Row Crop and Forage Production Small Business Financial Mngmt Integrated Pest Management Greenhouse Management Rain Gardens & Bioretention Cells Wastewater Chemistry Wastewater Treatment	Agriculture Biology and Chemistry Agriculture Business Agriculture Production Mngmt Animal Nutrition Insects and Diseases Parks and Natural Resources Organic Gardening and Food Production Production Systems with Animals Cool Season Vegetable Production Warm Season Vegetable Production Composting for Commercial Direct Farm Marketing	English Reading and Vocabulary English Grammar English Writing English Oral Expression English Listening and Speaking College Success Skills Non-credit course Field elective
General Studies Helpful for the Field		
• Oral Communication • Writing for Business • Entrepreneurship • Leadership Skills		
Hands-on, Practical Professional Experience Outside of the Classroom		
Sample Internship Opportunities—Minimum of 75 hours Campus-run farm, campus-run greenhouse, local farms, local organic farms, local wineries, local water company or agency, non-profit safety monitoring or environmental awareness organizations, local animal control center, animal rehabilitation center, Crop Tech Services, and Morgan Creek Produce		
Sample Volunteer Activities that Build Professional Experience in the Field—Minimum of 100 hours Tree and crop planting, greenhouse, grape harvesting, soil rejuvenation, crop and weed control, Laguna clean up, ocean and river clean up and restoration, local animal control center, animal rehabilitation center, and Food Reservoir		
Sample CCI Programming in This Field of Study *Program Site Visits:* Local County Farm Bureau, Organic Farms, county water agencies, engineering facilities, John Deere Tractor Works, Kinze Manufacturing, Lincolnway Energy Ethanol Plant Tour, DuPont Pioneer Research and Development Headquarters, DeKalb Field Day, and Reiman Gardens *Speakers and Panels:* Local famers and land owners *Workshops and Conferences*: State Fair, Farm Progress Show, Pro Ag Outlook Seminar, Pro Ag Forecast Seminar, Seed Savers Workshop, Nature Center Native Plants Workshop, Organic Farming Techniques, university programs *National Credential Preparation*: Wastewater Treatment Plan Operator Examination, Grade II		

Applied Engineering Concentration Areas	
• **Architecture**	• **Electricity and Electronics Technology**
• **Automotive Technology or Service Mngmt**	• **Heating Ventilation and Air Conditioning**
• **Computer Aided Design**	• **Machine Repair: Automated Systems**
• **Construction Management**	• **Manufacturing Technology**
• **Electro-Mechanical Technology**	• **Mechatronics**
• **Electrical Technology**	• **Robotics**
• **Electrical Systems Maintenance**	• **Welding**

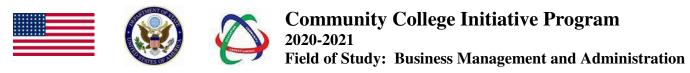| Track One Certificate	Track Two Non-Certificate Courses	Track Three Courses and English
Minimum Requirements		
Participants who meet the following criteria will be eligible to participate in Track One: • Students must meet minimum language requirements to enroll in credit-bearing classes. • Students must meet a minimum math requirement. • Pre-requisites may be required for specific courses.	Participants who meet the following criteria will be eligible to participate in Track Two: • Students must meet minimum language requirements to enroll in credit-bearing or workforce development classes. • Pre-requisites may be required for specific courses.	Students who have not yet met minimum requirements in English at their host campus will take a combination of English classes and content courses, as possible based on their level of proficiency and department approval.
Sample Field Concentration Courses		
Electricity and Electronic Fundamentals Electronic Documentation Electronics Materials and Fabrication Digital Fundamentals Survey of Automation Construction Planning & Control Building Construction Estimating Technical Mathematics Engineering Materials & Processes Math course	Architecture, Intro to BIM-Revit Technical Mathematics Intro to Automotive Computer Aided Drafting & Design Construction Planning and Control Electricity/Electronic Fundamentals Electronic Documentation Engineering Materials & Processes Machine Fabrication Machine Shop Metrology Intro to Robotics	English Reading and Vocabulary English Grammar English Writing English Oral Expression English Listening and Speaking College Success Skills Non-credit course Field elective
General Studies Helpful for the Field		
• Oral Communication • College Writing • Project Management • Conflict Resolution		
Hands-on, Practical Professional Experience Outside of the Classroom		
Sample Internship Opportunities—Minimum of 75 hours Local car dealerships, local businesses in field, campus-based labs, and when labor and/or union laws limit options in a particular field, participants will have a comprehensive and experiential learning opportunity through in-depth site visits to a variety of engineering firms and manufacturing sites and meetings with engineers, designers, and leadership		
Sample Volunteer Activities that Build Professional Experience in the Field—Minimum of 100 hours Habitat for Humanity Build Sites and ReStore Center, local car dealerships, local businesses in the field, and local organizations		
Sample CCI Programming in This Field of Study *Program Site Visits:* Businesses within this field of study, such as local car dealership, John Deere, Caterpiller Inc., Smith & Robertson, Chips Manufacturing, Air Products, and Kennedy Space Center *Workshops and Conferences*: Manufacturing technology, machine repair, welding workshops, and International Manufacturing Technology Show *National Credential Preparation*: Non-credit certificates in a variety of fields		

Community College Initiative Program
2020-2021
Field of Study: Business Management and Administration

Business Management and Administration Concentration Areas	
Accounting/Finance	**Management/Administration**
• Accounting • Banking • Bookkeeping	• Administrative Professional • Business Management • Business Operations Support and Services • Human Resources • International/Global Business • Leadership Development • Logistics/Global Supply Chain Management • Manufacturing • Organizational Leadership • Project Management
Entrepreneurship	
• Business Planning • Entrepreneurship • Small Business Management	
Marketing/Public Relations	
• Customer Service • Marketing • Promotions and Public Relations • Social Media Marketing	

Track One Certificate	Track Two Non-Certificate Courses	Track Three Courses and English
Minimum Requirements		
Participants who meet the following criteria will be eligible to participate in Track One: • Students must meet minimum language requirements to enroll in credit-bearing classes. • Prerequisites may be required for specific courses.	Participants who meet the following criteria will be eligible to participate in Track Two: • Students must meet minimum language requirements to enroll in credit or workforce classes. • Pre-requisites may be required for specific courses.	Students who have not yet met minimum requirements in English at their host campus will take a combination of English classes and content courses, as possible based on their level of proficiency and department approval.
Sample Field Concentration Courses		
Accounting/Finance Managerial Accounting Cost Controls and Budgeting Financial Planning **Management/Administration** Organizational Behavior Risk and Change Management Logistics Supply Chain Management Purchasing Managing a Small Business **Entrepreneurship** Entrepreneurship and Innovation Financial Strategies for Entrepreneurs How to start a non-profit Fundraising **Marketing** Advertising Principles Introduction to Public Relations Marketing Analytics Social Media Marketing Theory	**Accounting/Finance** Accounting Information Systems Accounting Principles Introduction to Money and Banking **Management/Administration** Principles of Management Human Resources Management Sustainable Business Practices Business and Marketing Writing Project Management Fundamentals **Entrepreneurship** Introduction to Entrepreneurship Writing a Small Business Plan Entrepreneurial Thinking Crowdfunding **Marketing** Customer Relations Management Business Communications Meeting and Event Management Content Marketing	English Reading and Vocabulary English Grammar English Writing English Oral Expression English Listening and Speaking College Success Skills Non-credit course Field elective

General Studies Helpful for the Field		
• Oral Communication	• Entrepreneurship	• Grant Writing
• Business and Professional Comm	• Conflict Resolution	• Project Management

Hands-on, Practical Professional Experience Outside of the Classroom

Sample Internship Opportunities—Minimum of 75 hours
Local Chambers of Commerce, local government offices, local businesses, local small businesses, local non-profits

Sample Volunteer Activities that Build Professional Experience in the Field—Minimum of 100 hours
Projects in your area of concentration with local non-profits, local businesses, incubators, and startups

Sample CCI Programming in This Field of Study
Program Site Visits: Local Chamber of Commerce, Rotary Club, Small Business Development Center, city economic council, Community Business Owners
Speakers and Panels: Local small business owners, entrepreneurs, professors/lecturers, local chamber of commerce representatives.
Workshops and Conferences: Leading for Maximum Results Workshop, Conflict Management Workshop, International Young Leaders Assembly Conference, Model United Nations (Model UN)

Early Childhood Education (ECE) Concentration Areas		
Administration of an ECE Center **Early and School-Age Care Specialist**		**Early Childhood Education and Development** **Special Education**
Track One **Certificate**	**Track Two** **Non-Certificate Courses**	**Track Three** **Courses and English**
Minimum Requirements		
Participants who meet the following criteria will be eligible to participate in Track One: - Students must meet minimum language requirements to enroll in credit-bearing classes or college requirements for certificate track. - Pre-requisites may be required for specific courses. - Background checks to work with children may be required.	Participants who meet the following criteria will be eligible to participate in Track Two: - Students must meet minimum language requirements to enroll in credit-bearing or workforce development classes. - Pre-requisites may be required for specific courses. - Background checks to work with children may be required.	Students who have not yet met minimum requirements in English at their host campus will take a combination of English classes and content courses, as possible based on their level of proficiency and department approval. Background checks to work with children may be required.
Sample Field Concentration Courses		
Intro to Early Childhood Ed Play and the Arts Guiding the Behavior of Children Observation and Participation Health, Safety, and Nutrition Infant and Toddler Programs Working with Infants and Toddlers in Inclusive Settings Introduction to Curriculum Early Childhood Administration Psychology	Intro to the Early Childhood Profession Effective Guidance and Discipline Teaching Art, Music, and Movement to Children Child Development Creative Indoor Environments for Young Children Health/Recreation for School-Aged Children Entrepreneurship	English Reading and Vocabulary English Grammar English Writing English Oral Expression English Listening and Speaking College Success Skills Non-credit courses such as Conflict Management, Leadership, Effective Communication Skills, Public Speaking Field elective such as Intro to Early Childhood Education
General Studies Required or Helpful for the Field		
• Oral Communication • College Writing • Grant Writing • Conflict Resolution		
Hands-on, Practical Professional Experience Outside of the Classroom		
Sample Internship Opportunities—Minimum of 75 hours Assist in classrooms and shadow teachers in children's learning centers or labs, local pre-schools such as Montessori schools, or local elementary schools, and assist with Jumpstart, Headstart, or after-school programs		
Sample Volunteer Activities that Build Professional Experience in the Field—Minimum of 100 hours Reading to children in libraries, playtime activities in after school programs, sharing your cultures through presentations in classrooms, activities in a children's museum, community events with activities for children		
Sample CCI Programming in This Field of Study *Program Site Visits:* Interactive classroom visits and observations in different classrooms of varying ages, reading to children, making presentations in local schools about your culture *Speakers and Panels:* College Association for the Education of Young Children, events at neighboring universities *Workshops and Conferences*: International Young Leaders Assembly, SVEA convention, leadership programs *National Credential Preparation*: Student Education Association, Association for Early Childhood Education		

Information Technology Concentration Areas	
• **Computer Information Systems (CIS) and Computer Science (CS)** *Programming, computer science, web design, games, Excel, Access, SQL, Oracle, or Linux/Unix* CIS Concentrations: Business Productivity Software, C++ Language Proficiency, Database Proficiency, Enterprise Database Proficiency, iPhone/iPad Developer Proficiency, Java Language Proficiency, LINUX, Windows Network Administration, Spreadsheet Proficiency, UNIX Proficiency, Visual BASIC Language Proficiency, Web Technician, Application Programming, Computer Science, Computer Software Development, Graphic Communications Technology, Mobile App Development, .Net Programming, Web Design (*examples of current options available, subject to change*)	• **Computer Internetworking Technologies (CIT)** *Building and repairing computers and networks* *Cisco or CompTIA certifications* *Computer forensics or network security* CIT Concentrations: CISCO Certified Network Associate (CCNA) Security, Network Professional, System Support Specialist, Internetworking Technician, CompTIA A+ and Network+ PC Technician, Voice Over IP Telephony, Database Technologies, General IT, Network and Cyber Security, Network Server Administration, Networking and Telecommunications, Web Development, Web Technologies, Website Application Programming (*examples of current options available, subject to change*) • **GIS** • **IT Technician – Desktop Support, Computer Support, Network Technician**

Track One Certificate	Track Two Non-Certificate Courses	Track Three Courses and English
Minimum Requirements		
Participants who meet the following criteria will be eligible to participate in Track One: • Students must meet minimum language requirements to enroll in credit-bearing classes. • Math placement test may be required for some IT courses. • Pre-requisites may be required for specific courses.	Participants who meet the following criteria will be eligible to participate in Track Two: • Students must meet minimum language requirements to enroll in credit or workforce classes. • Math placement test may be required for some IT courses. • Pre-requisites may be required for specific courses.	Students who have not yet met minimum requirements in English at their host campus will take a combination of English classes and content courses, as possible based on their level of proficiency and department approval.
Sample Field Concentration Courses		
CIS Database Technologies Introduction, Intermediate Access Oracle 11g, SQL 11g, & PL/SQL 11g Web Development and Tools Intro to Game Industry **CIT** Introduction to Networks Routing and Switching Essentials Scaling Networks MS Windows Server: Active Directory Configuration, Network Infrastructure Configuration, Server Administrator Geographic Information System Network and Cyber Security	Introduction, Intermediate, and Advanced Java Programming Creating Mobile Apps with HTML5 Introduction, Intermediate C# Programming Introduction to C++ Programming Cyber Security Cyberlaw IT Project Management AutoCAD Revit Networking Fundamentals Intro to Web Site/Page Design GIS Computer Hardware Basics	English Reading and Vocabulary English Grammar English Writing English Oral Expression English Listening and Speaking College Success Skills Non-credit courses such as Java, AutoCAD, Revit, Cisco Router & IP Routing, CyberWatch Security, Oracle SQL Field elective

General Studies Helpful for the Field			
• Oral Communication	• College Writing	• Project Management	• Entrepreneurship

Hands-on, Practical Professional Experience Outside of the Classroom
Sample Internship Opportunities—Minimum of 75 hours
Campus tech help desk, local Start Up Accelerator, MSI Mold Builders, ESP International, ACME Graphics, ComputerCORE, Branch Technical Services, Chicago Computers, the local public library, non-profit organizations
Sample Volunteer Activities that Build Professional Experience in the Field—Minimum of 100 hours
Tutoring students with less advanced skills, projects in areas of database, web, and social media for a variety of campus offices or local organizations, and the campus help desk
Sample CCI Programming in This Field of Study
Program Site Visits: Oracle University Training Center, local businesses such as Rockwell Collins International, Hibu, Transamerica, Nordstrom Direct, and Delta Circuits
Workshops and Conferences: CyberSci Symposium, Washington DC Tech Security Conference,
National Credential Preparation: Cisco Certified Network Associate (CCNA), Certified Information Security Manager (CISM®) Boot Camp, Certified Information Systems Security Professional (CISSP®), Computer Forensic ACE Certification

Community College Initiative Program
2020-2021
Field of Study: Media

Media Concentration Areas	
• **Digital Media/Animation** • **Film Studies/ Motion Picture/ Television** • **Graphic Design** • **Journalism**	• **Public & Media Relations** • **Social Media Marketing** • **Web Design** • **Web Development**

Track One Certificate	Track Two Non-Certificate Courses	Track Three Courses and English
Minimum Requirements		
Participants who meet the following criteria will be eligible to participate in Track One: • Students must meet minimum language requirements to enroll in credit-bearing classes. • Students may need to meet a minimum math requirement. • Pre-requisites may be required for specific courses. Animation and motion picture certificates may require some past field-based academic work.	Participants who meet the following criteria will be eligible to participate in Track Two: • Students must meet minimum language requirements to enroll in credit-bearing or workforce development classes. • Pre-requisites may be required for specific courses.	Students who have not yet met minimum requirements in English at their host campus will take a combination of English classes and content courses, as possible based on their level of proficiency and department approval.
Sample Field Concentration Courses		
3D Animation Desktop Publishing Media Arts: Computer Art Media Arts: Digital Animation Media Arts: Web Design Digital Arts: Graphic Design Digital Arts: Digital Photography Digital Arts: Digital Illustration Marketing and Social Networking Writing for Online Media Introduction to Motion Pictures, TV Business Communication	Digital Multimedia Three-dimensional Design Multimedia Production Introduction to South Design for Film and Video Production for Motion Picture/TV AVID Media Composer Editing Film Finishing Directing Techniques Web/Interactive Design Cartooning Writing	English Reading and Vocabulary English Grammar English Writing English Oral Expression English Listening and Speaking College Success Skills Non-credit courses such as digital filmmaking, Adobe Photoshop, Intro to Web Design, Effective Community Skills, Branding Theory and Workshop Field elective
General Studies Helpful for the Field		
• Oral Communication • College Writing • Project Management • Digital Multimedia		
Hands-on, Practical Professional Experience Outside of the Classroom		
Sample Internship Opportunities—Minimum of 75 hours Local newspapers, college newspapers or publication, college TV or radio station, institutional advancement or public relations offices		
Sample Volunteer Activities that Build Professional Experience in the Field—Minimum of 100 hours Local radio or TV channels, non-profit organizations, local schools, college and community events		
Sample CCI Programming in This Field of Study *Program Site Visits:* Local radio stations, television stations, museums, chamber of commerce, and university programs like Walter Cronkite School of Journalism at ASU or University of Maryland's College of Journalism *Speakers and Panels:* Local writers, editors, artists, and producers *Workshops and Conferences*: College Student Productions, Exposed Photography showcase, Animation Night, AIGA Brain Flower Showcase, Graphic Design Portfolio Review Night, Photo Boot Camp, Arizona Diplomacy in Leadership Conference, Annual Summit Conference on Service Learning, Digital Storytelling Workshop, Photojournalism Workshop, Digital Media Conference, SkillsPath Social Media Seminars, AIGA Professional Association for Design		