

**Articulation Agreement
between
DeVry University
and
California Institute of Arts & Technology**

This Articulation Agreement (the “Agreement”) dated as of March 13, 2019 (the “Effective Date”) is by and between California Institute of Arts & Technology (“CIAT”), a S corporation organized under the laws of California, and DeVry University, Inc., an Illinois corporation (“DeVry”).

WHEREAS, CIAT and DeVry wish to establish an arrangement to provide educational opportunities to Eligible Individuals (as defined in Appendix A) of CIAT, leading to credit transfer opportunities to such Eligible Individuals who are matriculated students of DeVry;

NOW THEREFORE, for good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Terms and Conditions

Appendix A the terms of which are incorporated herein by reference, sets forth additional terms and conditions of this Agreement and forms an integral part of this Agreement.

2. Requirements

A. This Agreement will enable Eligible Individuals who matriculate into DeVry programs to use certain CIAT courses to meet degree requirements within DeVry programs by applying transfer credit as specifically outlined in Appendix B, subject to the specific requirements of the selected DeVry programs. The details of which CIAT courses may be so transferred and how DeVry will accept such transferred course credits is set forth on Appendix B hereto, the terms of which are incorporated herein by reference.

B. DeVry reserves the right to deny admission to a student if such student cannot meet DeVry’s requirements for admission, as amended from time to time. Additionally, DeVry may terminate a student’s enrollment for violation of any rule, policy or procedure of DeVry, as amended from time to time, in the same manner as DeVry may terminate the enrollment of any student at large. Causes for termination of the student’s enrollment include, but are not limited to, the student’s failure to make timely payments of tuition and/or related fees.

C. This Agreement is made explicitly subject to the terms of DeVry’s admissions requirements, academic policies, program requirements, and course descriptions, including but not limited to the DeVry academic catalogs and academic policy regarding transfer of external credit (all of the foregoing collectively referred to herein as the “DeVry Policies”). In developing Appendix B, the parties have also taken into consideration CIAT’s catalogs, course descriptions, and other relevant information provided by CIAT to DeVry. In the event of any conflict between or among the documents mentioned in this Section 2(C) or elsewhere in this Agreement, the terms of the DeVry Policies shall prevail.

D. Undergraduate students admitted to DeVry will be required to meet the same minimum admissions requirements as other of DeVry's similarly situated undergraduate students, including but not limited to:

- i. High school diploma or equivalent or a post-secondary degree (as set forth by standard international transcript evaluation policies) from an appropriately accredited school as determined by DeVry;
- ii. All other standard DeVry admissions, placement and program requirements; and
- iii. English-proficiency requirements for nonnative speakers of English (if applicable) as defined in the academic catalog.

E. To graduate, all students must meet the residency requirement for their academic program as noted in the Academic Catalog. In addition, undergraduate students must meet upper-division course requirements for their chosen DeVry program.

F. Only Eligible Individuals who matriculate into DeVry programs may apply to DeVry for the course-to-course transfers outlined in Appendix B, subject to this Agreement, the specific requirements of the selected degree program and any other DeVry Policies. Students are required to submit an official transcript from every institution they previously attended regardless of whether credit was earned. It shall be the student's responsibility to request any permitted credit transfer in accordance with the DeVry Policies and this Agreement.

3. Disclaimer, Limitation and Indemnification

A. DeVry hereby disclaims all warranties, including without limitation, any implied warranty of merchantability or fitness for a particular purpose. Notwithstanding anything to the contrary, DeVry's aggregate maximum liability arising from or in any way related to this Agreement (whether in contract, tort, strict liability or otherwise) shall not exceed One Thousand Dollars (\$1,000). In no event will DeVry be liable for any indirect, consequential, incidental, special or punitive damages of any kind.

B. CIAT shall indemnify and hold harmless DeVry against all claims, loss, cost, damages and liability (including reasonable attorneys' fees) relating to or arising in any way in connection with: (i) the breach by CIAT of any provision of this Agreement, including but not limited to breach of any limited license granted under Appendix A; (ii) any claim brought against DeVry by any current or former student of CIAT relating in any way to the subject matter of this Agreement, except to the extent caused by the gross negligence or willful misconduct of DeVry; or (iii) the operation of this Agreement, except to the extent caused by the gross negligence or willful misconduct of DeVry.

C. The terms of this entire Section 3 shall survive termination of this Agreement for any reason.

4. Miscellaneous

A. This Agreement contains the entire agreement between the parties and supersedes all prior or contemporaneous agreements, discussions, or representations with respect to the subject matter hereof.

- B. The relationship established under this Agreement shall be that of independent contractors and neither party shall be, nor hold itself out to the public as being, an employee, agent, joint venturer or partner of the other. Neither party shall have authority to contract for or bind the other in any manner. There is no intended or actual third party beneficiary of this Agreement.
- C. Neither party may assign or transfer its rights or obligations under this Agreement without the prior written consent of the other party. Failure of a party to enforce any provision of this Agreement will not be a waiver of such provision nor of the right to enforce such provision.
- D. If any provision of this Agreement is held to be invalid or unenforceable by a court of competent jurisdiction, the validity and enforceability of the remaining provisions will not be affected thereby.
- E. In the event of any dispute between the parties regarding the terms of this Agreement or the obligations of any party hereunder, all such disputes shall be referred to binding arbitration by a single arbitrator in Illinois under the arbitration rules of the American Arbitration Association.
- F. This Agreement shall be interpreted in accordance with the laws of the State of Illinois, without regard to its conflict of laws provisions. Any action brought pursuant to or in connection with this Agreement shall be brought only in the state or federal courts within the State of Illinois.
- G. Each party signing this Agreement represents that it has been signed by an individual who is authorized by his or her entity to enter into this Agreement on behalf of such entity.
- H. Any Appendix referenced in this Agreement is hereby incorporated herein by reference. In the event of any conflict between the terms of body of this Agreement and the terms of any Appendix, the terms of the body of this Agreement shall prevail.

I. Notices under this Agreement shall be deemed given (a) on the following business day when sent by overnight courier; or (b) three (3) days following registered mailing, in each case to the other party at the address specified below or such new address as a party shall communicate to the other in writing from time to time.

To DeVry:

DeVry University
1200 E. Diehl Rd
Naperville, IL 60563
Attn: University Academics – Articulation Agreements

With a copy to:

DeVry University
1200 E. Diehl Rd
Naperville, IL 60563
Attn: Bill Caruso, General Counsel and Vice President, Regulatory Affairs

To CIAT:

California Institute of Arts & Technology
2820 Camino Del Rio S., Ste. 100,
San Diego, CA 92108
Attn: Claire Park, Vice President of Compliance

J. The entire terms of this Section 4 shall survive termination of this Agreement for any reason.

IN WITNESS WHEREOF, the parties have executed this Agreement effective as of the Effective Date.

California Institute of Arts and Technology

DeVry University, Inc.

Name
Title

Date



Shantanu Bose, Ph.D.
Provost

3/15/19
Date

In New York State, DeVry University operates as DeVry College of New York.

APPENDIX A

I. Purpose

The purpose of this Agreement is to advance the educational opportunities of Eligible Individuals by creating synergy and leveraging capabilities leading to transfer of credit opportunities to Eligible Individuals who are matriculated students of DeVry. This Agreement between CIAT and DeVry is intended to allow CIAT's students to transfer approved credit hours into certain DeVry programs of study. DeVry will determine the number of credits to be accepted for transfer and award semester credit for approved CIAT courses.

II. DeVry's Profile and Accreditation

DeVry University is accredited by The Higher Learning Commission (HLC). www.hlcommission.org. The mission of DeVry University is to foster student learning through high-quality, career-oriented education integrating technology, science, business and the arts. The university delivers practitioner-oriented undergraduate and graduate programs onsite and online to meet the needs of a diverse and geographically dispersed student population. All course credits are stated in terms of semester credit hours. www.devry.edu

III. Institution Profile and Basis for Acceptance of Academic Credit

CIAT is accredited by the Accrediting Council for Continuing Education and Training (ACCET). <https://accet.org/>. CIAT's mission is to prepare students for professional and individual success through innovative high-quality vocational and career advancement programs which provide the competencies and credentials for a rewarding career.

At this time, CIAT wishes to enter into this arrangement with DeVry to facilitate the transferring of CIAT's course credits identified in Appendix B to DeVry, all subject to the terms and conditions contained in this Agreement.

IV. Eligible Individuals

This program will be available only to "Eligible Individuals" who shall be defined as students of CIAT who meet the following qualifications in addition to all other requirements set forth in the Agreement: None.

V. Additional Terms

a. Notwithstanding the terms of Section 2(D) of the Agreement, no graduate of an CIAT academic program will be denied admission to DeVry on the basis of any admissions test score. Students admitted under this Agreement may be tested for placement purposes. Certain programs have separate requirements for assessment and placement. The score obtained on such placement tests may result in the need for the student to successfully complete appropriate transitional studies coursework which may affect program length and cost.

b. Graduates of CIAT programs who matriculate into DeVry's program(s) may apply the specific transfers outlined in Appendix B, subject to the specific requirements of the selected degree program.

c. In addition to subsection V(b) above, graduates of the diploma or associate degree programs of CIAT may transfer other course credits not specified on Appendix B into DeVry's degree programs listed above, subject to all DeVry admissions, program and course transfer requirements and policies.

d. In the event that a student elects to enroll and attend both DeVry and CIAT simultaneously, students will be responsible for those costs and expenses related to their studies at each academic institution. These costs are stated in the current catalog in effect at each academic institution. This Agreement does not entail economic responsibility on the part of the respective participating academic institutions. In addition, each academic institution will be responsible for the disbursement of the financial aid pertaining to the students who are eligible during the period of time that they are enrolled in the respective academic institution. Also, each academic institution will implement any procedures required to achieve satisfactory academic progress. Each will also maintain student records and, if applicable, will comply with the federal regulations governing the use of Title IV funds.

e. Both academic institutions agree that they will promptly inform the other of any substantive changes in academic requirements, course or programs of study or any other change that may affect this Agreement.

f. For purposes of clarity, the references to "academic institutions" is intended to refer to both DeVry and CIAT.

g. DeVry will waive all application fees for Eligible individuals admitted in connection with this Agreement.

VI. Promotion and Limited License

a. Promotion

(i) CIAT agrees to provide information and promote the educational opportunities and programs contemplated in this Agreement among its student population. CIAT will also provide opportunities for representatives of DeVry, or DeVry's approved agents, to visit CIAT's locations and disseminate information about DeVry educational opportunities and programs contemplated in this Agreement.

(ii) All promotion and advertising contemplated under this Agreement will be done in accordance with all applicable laws and regulations.

b. DeVry Grant of License

(i) "DeVry Licensed Marks" shall mean DeVry's marks identified on Appendix C to this Agreement, as may be amended by written agreement of the parties from time to time.

(ii) "DeVry Territory" shall mean the United States of America.

(iii) CIAT is hereby granted a limited, non-transferable, non-exclusive right and license to use DeVry Licensed Marks during the term of this Agreement solely for promotion of educational opportunities and programs as contemplated by this Agreement in the DeVry Territory. Subject to the foregoing license and for purposes of clarity, if CIAT uses any DeVry Licensed Marks on any Internet site (or similar electronic means) which is accessible outside the DeVry Territory, CIAT acknowledges and agrees that (1) CIAT is

precluded from offering, selling or providing any of the educational opportunities and programs contemplated by this Agreement outside the DeVry Territory via the Internet (or similar electronic means); and (2) CIAT will place a conspicuous (all capital letter in bold print and underlined) notice on each page containing any DeVry Licensed Marks stating that the educational opportunities and programs described are not available outside the DeVry Territory.

(iv) This Section VI(b) does not: (1) grant any rights to use DeVry Licensed Marks for any purpose other than as specifically provided herein; (2) allow CIAT to grant any security interest in or to the DeVry Licensed Marks; (3) allow the assignment or sublicense of any of CIAT's rights under this Section (VI)(b); (4) permit CIAT to adopt or use and/or attempt to register any other mark comprised of or derived from the DeVry Licensed Marks or otherwise similar thereto; or (5) permit CIAT to attempt to register any DeVry Licensed Marks.

(v) CIAT acknowledges and agrees that all rights in and to DeVry Licensed Marks belong exclusively to DeVry.

(vi) CIAT agrees that it will not ever directly or indirectly attack or question DeVry's exclusive ownership of DeVry Licensed Marks.

(vii) Upon any termination or expiration of this Agreement or this Section VI(b), howsoever occasioned, CIAT shall (1) discontinue all use of DeVry Licensed Marks; (2) discard, destroy or delete any printed and electronic materials containing DeVry Licensed Marks; and (3) refrain from any use of DeVry Licensed Marks or marks similar to DeVry Licensed Marks. Sections VI(b)(iv), (v), (vi) and (vii) shall survive termination of this Agreement for any reason.

(viii) DeVry is familiar with CIAT's business, management, and abilities and believes CIAT to be fully capable of properly and competently promoting the educational opportunities and programs contemplated in this Agreement in accordance with and subject to the strict quality standards and levels demanded by DeVry in connection with the use of DeVry Licensed Marks. All use under, in connection with, and/or associated with DeVry Licensed Marks by CIAT shall be conducted in strict accordance with the standards, rules and procedures set by DeVry, which DeVry may unilaterally change from time to time.

c. Institution Grant of License

(i) "CIAT Licensed Marks" shall mean CIAT's marks identified on Appendix D to this Agreement, as may be amended by the written agreement of the parties from time to time.

(ii) "CIAT Territory" shall mean the United States of America.

(iii) DeVry is hereby granted a limited, non-exclusive right and license to use CIAT Licensed Marks during the term of this Agreement solely for promotion of educational opportunities and programs as contemplated by this Agreement in the CIAT Territory. CIAT hereby represents and warrants that it has all requisite authority to grant the foregoing license.

(iv) Upon any termination or expiration of this Agreement or this Section VI(c), howsoever occasioned, DeVry shall: (1) discontinue all use of CIAT Licensed Marks; (2) discard, destroy or delete any printed and electronic materials containing CIAT Licensed Marks; and (3) refrain from any use of CIAT Licensed

Marks or marks similar to the CIAT Licensed Marks. This Section VI(c)(iv) shall survive termination of this Agreement for any reason.

VII. Term, Renewal, Changes and Termination

a. Subject to the other terms of this Agreement, this Agreement shall be in effect for one (1) year from the Effective Date. Thereafter this Agreement will automatically renew for periods of one (1) year each until March 13, 2024 or until terminated by either party upon providing thirty (30) days prior written notice to the other party, whichever is sooner. Notwithstanding the foregoing, either party may terminate this Agreement upon ten (10) days notice to the other party in the event of a material breach of this Agreement by the other party, which breach is not cured during such notice period.

This Agreement must be reviewed annually for continued validity, applicability, and the addition of new courses and programs at DeVry and new courses and programs at CIAT, and the appropriate CIAT Officer and the DeVry Chief Academic Officer, or their designees, may make modifications to this Agreement by written amendment only. Any modifications to this Agreement must be made only by mutually written agreement between the parties.

Appendix B: Course Mapping

The transfer guides below do not represent all courses required for DeVry programs; rather, they provide a list of courses that, when completed at CIAT have been determined to be equivalent to DeVry courses. For a complete list of course requirements in each DeVry program, please see the [Academic Catalog](#).

The CIAT courses below are clock hour courses, while DeVry University courses are semester-credit hour courses. DeVry University converts clock hours to semester-credit hours.

The following are the CIAT programs that were evaluated and the corresponding DeVry University programs in which some credit may transfer.

CIAT Program	DeVry Program
Associate of Applied Science in Computer Information Systems – Networking Concentration	<ul style="list-style-type: none"> • Bachelor of Science in Technical Management • Bachelor of Science in Information Technology and Networking • Bachelor of Science in Network and Communications Management
Associate in Applied Science in Software Development	<ul style="list-style-type: none"> • Bachelor of Science in Computer Information Systems • Bachelor of Science in Software Development • Bachelor of Science in Multimedia Design and Development
Certificate in Computer Information Systems - Networking Concentration	<ul style="list-style-type: none"> • Bachelor of Science in Technical Management • Bachelor of Science in Information Technology and Networking • Bachelor of Science in Network and Communications Management • Bachelor of Science in Computer Information Systems • Bachelor of Science in Software Development • Bachelor of Science in Multimedia Design and Development
Certificate as Cisco Networking Professional / Cisco Certified Network Associate – Security Specialist (CCNP / CCNA-SEC)	
Certificate as Networking Security Technician (CNST)	
Certificate in Computer Application Development	

Technical Management Bachelor's Degree Program			
DeVry Courses		CIAT Courses	
Communication Skills			
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Three semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 6 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
Mathematics and Natural Sciences		Three semester-credit hours of coursework in any applicable natural sciences discipline can be applied as natural science credit toward this program.	
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Additional General Education Selection		Three semester-credit hours of coursework in any applicable general education discipline can be applied toward this program requirement.	
Business, Management and Technology			
• BIS245	Database Essentials for Business with Lab	• ASD 103	Relational Database Mgmt. System & SQL
Electives		Up to 25 credit hours of qualifying prior college coursework not meeting other program requirements may be applied toward elective hours.	
The following are suggested electives.			
• CIS115	Logic and Design	• ASD 215	C# Business Programming
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
• CIS206	Architecture and Operating Systems with Lab	• CIS 101B	Computer Operating Systems
• SEC310	Principles and Theory of Security Management	• CIS 221	Advanced Network Security
Technical Specialty			
General Technical Option		Up to 27 credit hours of qualifying prior college coursework not meeting other program requirements may be applied toward the technical specialty hours.	
<p><i>The general technical option is designed for students who wish to apply prior coursework to a particular career area. DeVry coursework, qualifying coursework from a prior college experience, or a combination of DeVry and qualifying prior coursework may apply.</i></p> <p><i>The following disciplines can apply to the General Technical Option with a minimum of 23 credit hours in a particular career area. The remaining four credit hours are taken at DeVry. The following are examples of course distribution into the GTO. Other courses not listed may apply to the GTO.</i></p>			
Computer Information Systems Networking			
• CIS 101A	Computer Hardware Fund	• CIS 120B	Network Fundamentals Part 2
• CIS 101B	Computer Operating Systems	• CIS 266	Administering Microsoft Windows Server
• CIS 102A	Network Fundamentals Part 1	• CIS 267	Configuring Advanced Windows Server Services
• CIS 120	Network Security		
Software Development			
• ASD 101	The Fundamentals of Software Design	• ASD 150	Operating Systems Concepts
• ASD 102	Object Oriented Programming with C++	• ASD 170	Front End Development with HTML, CSS, and JavaScript

Technical Management Bachelor's Degree Program			
 DeVry Courses		 CIAT Courses	
• ASD 103	<i>Regional Database Mgmt. Systems & SQL</i>	• ASD 190	<i>Internet Architecture with HTTP and REST</i>
Business Administration Specialty <i>The following business administration specialties are designed for students who wish to focus on a particular career area in a business or management field.</i>			
Information Technology – Cisco Networking Fundamentals			
• NETW203	Cisco Networking Academy – Introduction to Networking with Lab	• CIS 270A	Cisco Configuration ICND1
• NETW205	Cisco Networking Academy – Introduction to Routing with Lab	• CIS 270B	Cisco Configuration ICND2
• NETW207	Cisco Networking Academy – Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• NETW230	Network Operating Systems – Windows, with Lab	• CIS 265	Installing and Configuring Windows Server
• SEC280	Principles of Information Systems Security	• CIS 120	Network Security
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security
Information Technology – Networking Fundamentals			
• NETW202	Introduction to Networking with Lab	• CIS 102B	Networking Fundamentals Part 2
• NETW206	Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• NETW230	Network Operating Systems – Windows, with Lab	• CIS 265	Installing and Configuring Windows Server
• SEC280	Principles of Information Systems Security	• CIS 120	Network Security
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security

Computer Information Systems Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 3 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences			
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Tech Core			
• CEIS106	Introduction to Operating Systems	• CIS 101B	Computer Operating Systems
• CEIS110	Introduction to Programming	• ASD 215	C# Business Programming
• NETW190	Fundamentals of Information Technology & Networking I	• CIS 102A	Network Fundamentals Part 1
• NETW200	Fundamentals of Information Technology & Networking II	• CIS 102B	Networking Fundamentals Part 2
• SEC285	Fundamentals of Information Security	• CIS 120	Network Security
Information Systems and Programming			
• CEIS236	Database Systems and Programming Fundamentals	• ASD 103	Regional Database Mgmt System and SQL
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
Program Core – selection by track			
Cyber Security Programming & Software Programming students			
Network Systems Administration			
• NETW260	Intermediate Information Technology & Networking I	• CIS 273	Implementing CISO IP Switched Networks
Information Technology and Networking			
• CEIS305	Operating Systems	• CIS 230A & • CIS 230B	Installation and Configuration of Linux Part 1 Installation and Configuration of Linux Part 2
• SEC311	Ethical Hacking	• CIS 220	Certified Ethical Hacker
All other students			
Application Development			
• CIS363B	Web Interface Design with Lab	• ASD 170	Front End Development with HTML,CSS
• CIS407A	Web Application Development with Lab	• ASD 255	Web Development with ASP. Net
Track – one option is selected			
Computer Forensics			
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security
Information Systems Security			
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security

Information Technology & Networking Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 3 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences			
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Tech Core			
• CEIS106	Introduction to Operating Systems	• CIS 101B	Computer Operating Systems
• CEIS110	Introduction to Programming	• ASD 215	C# Business Programming
• NETW190	Fundamentals of Information Technology & Networking I	• CIS 102A	Network Fundamentals Part 1
• NETW200	Fundamentals of Information Technology & Networking II	• CIS 102B	Networking Fundamentals Part 2
• SEC285	Fundamentals of Information Security	• CIS 120	Network Security
Network Systems Administration			
• NETW260	Intermediate Information Technology & Networking I	• CIS 273	Implementing CISO IP Switched Networks
Information Systems and Programming			
• CEIS236	Database Systems and Programming Fundamentals	• ASD 103	Regional Database Mgmt System and SQL
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
Track – one option is selected			
Cloud Based Networking and Virtualization			
• NETW414	Cloud Computing Fundamentals	• ASD 265	Cloud Computing with Microsoft Azure
Cyber Security			
• SEC311	Ethical Hacking	• CIS 220	Certified Ethical Hacker
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security
Mobile and Network Devices			
• CEIS375	Information Technology and Mobility Essentials	• ASD 277	Internet of Things

Network & Communications Management Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 6 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences		Three semester-credit hours of coursework in any applicable natural sciences discipline can be applied as natural science credit toward this program.	
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Computing			
• CIS206	Architecture and Operating Systems with Lab	• CIS 101B	Computer Operating Systems
• SEC280	Principles of Information Systems Security	• CIS 120	Network Security
Network Operating Systems and Technologies			
• NETW230	Network Operating Systems – Windows, with Lab	• CIS 265	Installing and Configuring Windows Server
• NETW240	Network Operating Systems – UNIX, with Lab	• CIS 230A & • CIS 230B	Installation and Configuration of Linux Part 1 Installation and Configuration of Linux Part 2
Track – one option is selected			
<i>Cisco Network Fundamentals</i>			
• NETW203	Cisco Networking Academy – Introduction to Networking with Lab	• CIS 270A	Cisco Configuration ICND1
• NETW205	Cisco Networking Academy – Introduction to Routing with Lab	• CIS 270B	Cisco Configuration ICND2
• NETW207	Cisco Networking Academy – Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• SEC453	Cisco Networking Academy – Advanced Network Security with Lab	• CIS 271	Implementing CISCO IOS Network Security
<i>Networking Fundamentals</i>			
• NETW202	Introduction to Networking with Lab	• CIS 102B OR • CIS 272	Networking Fundamentals Part 2 Implementing Cisco IP Routing
• NETW206	Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• SEC450	Advanced Network Security with Lab	• CIS 271	Implementing CISCO IOS Network Security

Software Development Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 6 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences			
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Tech Core			
• CEIS106	Introduction to Operating Systems	• CIS 101B	Computer Operating Systems
• CEIS110	Introduction to Programming	• ASD 215	C# Business Programming
• NETW190	Fundamentals of Information Technology & Networking I	• CIS 102A	Network Fundamentals Part 1
• NETW200	Fundamentals of Information Technology & Networking II	• CIS 102B	Networking Fundamentals Part 2
• SEC285	Fundamentals of Information Security	• CIS 120	Network Security
Information Systems and Programming			
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
Information Technology and Networking			
• CEIS305	Operating Systems	• CIS 230A &	Installation and Configuration of Linux Part 1
		• CIS 230B	Installation and Configuration of Linux Part 2
Track – one option is selected			
Software Design and Programming			
• CEIS320	Introduction to Mobile Device Programming	• ASD 227	iOS Programming
Web and Mobile Application Development			
• CIS363B	Web Interface Design with Lab	• ASD 170	Front End Development with HTML,CSS

Multimedia Design & Development Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
Humanities		Up to 6 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences		Three semester-credit hours of coursework in any applicable natural sciences discipline can be applied as natural science credit toward this program.	
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Multimedia Core			
• WGD232	Web Design	• ASD 170	Front End Development with HTML,CSS
• WGD242	Advanced Web Design	• ASD 190	Internet Architecture with PHP and Other OSS
Track – one of the following is selected			
Web Design and Development			
• CIS336	Introduction to Database with Lab	• ASD 103	Regional Database Mgmt System and SQL

APPENDIX C

DeVry Licensed Marks



APPENDIX D

CIAT Licensed Marks



**Articulation Agreement
between
DeVry University
and
California Institute of Arts & Technology**

This Articulation Agreement (the “Agreement”) dated as of March 13, 2019 (the “Effective Date”) is by and between California Institute of Arts & Technology (“CIAT”), a S corporation organized under the laws of California, and DeVry University, Inc., an Illinois corporation (“DeVry”).

WHEREAS, CIAT and DeVry wish to establish an arrangement to provide educational opportunities to Eligible Individuals (as defined in Appendix A) of CIAT, leading to credit transfer opportunities to such Eligible Individuals who are matriculated students of DeVry;

NOW THEREFORE, for good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Terms and Conditions

Appendix A the terms of which are incorporated herein by reference, sets forth additional terms and conditions of this Agreement and forms an integral part of this Agreement.

2. Requirements

A. This Agreement will enable Eligible Individuals who matriculate into DeVry programs to use certain CIAT courses to meet degree requirements within DeVry programs by applying transfer credit as specifically outlined in Appendix B, subject to the specific requirements of the selected DeVry programs. The details of which CIAT courses may be so transferred and how DeVry will accept such transferred course credits is set forth on Appendix B hereto, the terms of which are incorporated herein by reference.

B. DeVry reserves the right to deny admission to a student if such student cannot meet DeVry’s requirements for admission, as amended from time to time. Additionally, DeVry may terminate a student’s enrollment for violation of any rule, policy or procedure of DeVry, as amended from time to time, in the same manner as DeVry may terminate the enrollment of any student at large. Causes for termination of the student’s enrollment include, but are not limited to, the student’s failure to make timely payments of tuition and/or related fees.

C. This Agreement is made explicitly subject to the terms of DeVry’s admissions requirements, academic policies, program requirements, and course descriptions, including but not limited to the DeVry academic catalogs and academic policy regarding transfer of external credit (all of the foregoing collectively referred to herein as the “DeVry Policies”). In developing Appendix B, the parties have also taken into consideration CIAT’s catalogs, course descriptions, and other relevant information provided by CIAT to DeVry. In the event of any conflict between or among the documents mentioned in this Section 2(C) or elsewhere in this Agreement, the terms of the DeVry Policies shall prevail.

D. Undergraduate students admitted to DeVry will be required to meet the same minimum admissions requirements as other of DeVry's similarly situated undergraduate students, including but not limited to:

- i. High school diploma or equivalent or a post-secondary degree (as set forth by standard international transcript evaluation policies) from an appropriately accredited school as determined by DeVry;
- ii. All other standard DeVry admissions, placement and program requirements; and
- iii. English-proficiency requirements for nonnative speakers of English (if applicable) as defined in the academic catalog.

E. To graduate, all students must meet the residency requirement for their academic program as noted in the Academic Catalog. In addition, undergraduate students must meet upper-division course requirements for their chosen DeVry program.

F. Only Eligible Individuals who matriculate into DeVry programs may apply to DeVry for the course-to-course transfers outlined in Appendix B, subject to this Agreement, the specific requirements of the selected degree program and any other DeVry Policies. Students are required to submit an official transcript from every institution they previously attended regardless of whether credit was earned. It shall be the student's responsibility to request any permitted credit transfer in accordance with the DeVry Policies and this Agreement.

3. Disclaimer, Limitation and Indemnification

A. DeVry hereby disclaims all warranties, including without limitation, any implied warranty of merchantability or fitness for a particular purpose. Notwithstanding anything to the contrary, DeVry's aggregate maximum liability arising from or in any way related to this Agreement (whether in contract, tort, strict liability or otherwise) shall not exceed One Thousand Dollars (\$1,000). In no event will DeVry be liable for any indirect, consequential, incidental, special or punitive damages of any kind.

B. CIAT shall indemnify and hold harmless DeVry against all claims, loss, cost, damages and liability (including reasonable attorneys' fees) relating to or arising in any way in connection with: (i) the breach by CIAT of any provision of this Agreement, including but not limited to breach of any limited license granted under Appendix A; (ii) any claim brought against DeVry by any current or former student of CIAT relating in any way to the subject matter of this Agreement, except to the extent caused by the gross negligence or willful misconduct of DeVry; or (iii) the operation of this Agreement, except to the extent caused by the gross negligence or willful misconduct of DeVry.

C. The terms of this entire Section 3 shall survive termination of this Agreement for any reason.

4. Miscellaneous

A. This Agreement contains the entire agreement between the parties and supersedes all prior or contemporaneous agreements, discussions, or representations with respect to the subject matter hereof.

- B. The relationship established under this Agreement shall be that of independent contractors and neither party shall be, nor hold itself out to the public as being, an employee, agent, joint venturer or partner of the other. Neither party shall have authority to contract for or bind the other in any manner. There is no intended or actual third party beneficiary of this Agreement.
- C. Neither party may assign or transfer its rights or obligations under this Agreement without the prior written consent of the other party. Failure of a party to enforce any provision of this Agreement will not be a waiver of such provision nor of the right to enforce such provision.
- D. If any provision of this Agreement is held to be invalid or unenforceable by a court of competent jurisdiction, the validity and enforceability of the remaining provisions will not be affected thereby.
- E. In the event of any dispute between the parties regarding the terms of this Agreement or the obligations of any party hereunder, all such disputes shall be referred to binding arbitration by a single arbitrator in Illinois under the arbitration rules of the American Arbitration Association.
- F. This Agreement shall be interpreted in accordance with the laws of the State of Illinois, without regard to its conflict of laws provisions. Any action brought pursuant to or in connection with this Agreement shall be brought only in the state or federal courts within the State of Illinois.
- G. Each party signing this Agreement represents that it has been signed by an individual who is authorized by his or her entity to enter into this Agreement on behalf of such entity.
- H. Any Appendix referenced in this Agreement is hereby incorporated herein by reference. In the event of any conflict between the terms of body of this Agreement and the terms of any Appendix, the terms of the body of this Agreement shall prevail.

I. Notices under this Agreement shall be deemed given (a) on the following business day when sent by overnight courier; or (b) three (3) days following registered mailing, in each case to the other party at the address specified below or such new address as a party shall communicate to the other in writing from time to time.

To DeVry:

DeVry University
1200 E. Diehl Rd
Naperville, IL 60563
Attn: University Academics – Articulation Agreements

With a copy to:

DeVry University
1200 E. Diehl Rd
Naperville, IL 60563
Attn: Bill Caruso, General Counsel and Vice President, Regulatory Affairs

To CIAT:

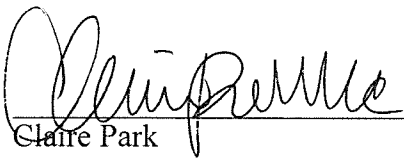
California Institute of Arts & Technology
2820 Camino Del Rio S., Ste. 100,
San Diego, CA 92108
Attn: Claire Park, Vice President of Compliance

J. The entire terms of this Section 4 shall survive termination of this Agreement for any reason.

IN WITNESS WHEREOF, the parties have executed this Agreement effective as of the Effective Date.

California Institute of Arts and Technology

DeVry University, Inc.



3/14/19

Claire Park
VP of Compliance

Date

Shantanu Bose, Ph.D.
Provost

Date

In New York State, DeVry University operates as DeVry College of New York.

APPENDIX A

I. Purpose

The purpose of this Agreement is to advance the educational opportunities of Eligible Individuals by creating synergy and leveraging capabilities leading to transfer of credit opportunities to Eligible Individuals who are matriculated students of DeVry. This Agreement between CIAT and DeVry is intended to allow CIAT's students to transfer approved credit hours into certain DeVry programs of study. DeVry will determine the number of credits to be accepted for transfer and award semester credit for approved CIAT courses.

II. DeVry's Profile and Accreditation

DeVry University is accredited by The Higher Learning Commission (HLC). www.hlcommission.org. The mission of DeVry University is to foster student learning through high-quality, career-oriented education integrating technology, science, business and the arts. The university delivers practitioner-oriented undergraduate and graduate programs onsite and online to meet the needs of a diverse and geographically dispersed student population. All course credits are stated in terms of semester credit hours. www.devry.edu

III. Institution Profile and Basis for Acceptance of Academic Credit

CIAT is accredited by the Accrediting Council for Continuing Education and Training (ACCET). <https://accet.org/>. CIAT's mission is to prepare students for professional and individual success through innovative high-quality vocational and career advancement programs which provide the competencies and credentials for a rewarding career.

At this time, CIAT wishes to enter into this arrangement with DeVry to facilitate the transferring of CIAT's course credits identified in Appendix B to DeVry, all subject to the terms and conditions contained in this Agreement.

IV. Eligible Individuals

This program will be available only to "Eligible Individuals" who shall be defined as students of CIAT who meet the following qualifications in addition to all other requirements set forth in the Agreement: None.

V. Additional Terms

a. Notwithstanding the terms of Section 2(D) of the Agreement, no graduate of an CIAT academic program will be denied admission to DeVry on the basis of any admissions test score. Students admitted under this Agreement may be tested for placement purposes. Certain programs have separate requirements for assessment and placement. The score obtained on such placement tests may result in the need for the student to successfully complete appropriate transitional studies coursework which may affect program length and cost.

b. Graduates of CIAT programs who matriculate into DeVry's program(s) may apply the specific transfers outlined in Appendix B, subject to the specific requirements of the selected degree program.

c. In addition to subsection V(b) above, graduates of the diploma or associate degree programs of CIAT may transfer other course credits not specified on Appendix B into DeVry's degree programs listed above, subject to all DeVry admissions, program and course transfer requirements and policies.

d. In the event that a student elects to enroll and attend both DeVry and CIAT simultaneously, students will be responsible for those costs and expenses related to their studies at each academic institution. These costs are stated in the current catalog in effect at each academic institution. This Agreement does not entail economic responsibility on the part of the respective participating academic institutions. In addition, each academic institution will be responsible for the disbursement of the financial aid pertaining to the students who are eligible during the period of time that they are enrolled in the respective academic institution. Also, each academic institution will implement any procedures required to achieve satisfactory academic progress. Each will also maintain student records and, if applicable, will comply with the federal regulations governing the use of Title IV funds.

e. Both academic institutions agree that they will promptly inform the other of any substantive changes in academic requirements, course or programs of study or any other change that may affect this Agreement.

f. For purposes of clarity, the references to "academic institutions" is intended to refer to both DeVry and CIAT.

g. DeVry will waive all application fees for Eligible individuals admitted in connection with this Agreement.

VI. Promotion and Limited License

a. Promotion

(i) CIAT agrees to provide information and promote the educational opportunities and programs contemplated in this Agreement among its student population. CIAT will also provide opportunities for representatives of DeVry, or DeVry's approved agents, to visit CIAT's locations and disseminate information about DeVry educational opportunities and programs contemplated in this Agreement.

(ii) All promotion and advertising contemplated under this Agreement will be done in accordance with all applicable laws and regulations.

b. DeVry Grant of License

(i) "DeVry Licensed Marks" shall mean DeVry's marks identified on Appendix C to this Agreement, as may be amended by written agreement of the parties from time to time.

(ii) "DeVry Territory" shall mean the United States of America.

(iii) CIAT is hereby granted a limited, non-transferable, non-exclusive right and license to use DeVry Licensed Marks during the term of this Agreement solely for promotion of educational opportunities and programs as contemplated by this Agreement in the DeVry Territory. Subject to the foregoing license and for purposes of clarity, if CIAT uses any DeVry Licensed Marks on any Internet site (or similar electronic means) which is accessible outside the DeVry Territory, CIAT acknowledges and agrees that (1) CIAT is

precluded from offering, selling or providing any of the educational opportunities and programs contemplated by this Agreement outside the DeVry Territory via the Internet (or similar electronic means); and (2) CIAT will place a conspicuous (all capital letter in bold print and underlined) notice on each page containing any DeVry Licensed Marks stating that the educational opportunities and programs described are not available outside the DeVry Territory.

(iv) This Section VI(b) does not: (1) grant any rights to use DeVry Licensed Marks for any purpose other than as specifically provided herein; (2) allow CIAT to grant any security interest in or to the DeVry Licensed Marks; (3) allow the assignment or sublicense of any of CIAT's rights under this Section (VI)(b); (4) permit CIAT to adopt or use and/or attempt to register any other mark comprised of or derived from the DeVry Licensed Marks or otherwise similar thereto; or (5) permit CIAT to attempt to register any DeVry Licensed Marks.

(v) CIAT acknowledges and agrees that all rights in and to DeVry Licensed Marks belong exclusively to DeVry.

(vi) CIAT agrees that it will not ever directly or indirectly attack or question DeVry's exclusive ownership of DeVry Licensed Marks.

(vii) Upon any termination or expiration of this Agreement or this Section VI(b), howsoever occasioned, CIAT shall (1) discontinue all use of DeVry Licensed Marks; (2) discard, destroy or delete any printed and electronic materials containing DeVry Licensed Marks; and (3) refrain from any use of DeVry Licensed Marks or marks similar to DeVry Licensed Marks. Sections VI(b)(iv), (v), (vi) and (vii) shall survive termination of this Agreement for any reason.

(viii) DeVry is familiar with CIAT's business, management, and abilities and believes CIAT to be fully capable of properly and competently promoting the educational opportunities and programs contemplated in this Agreement in accordance with and subject to the strict quality standards and levels demanded by DeVry in connection with the use of DeVry Licensed Marks. All use under, in connection with, and/or associated with DeVry Licensed Marks by CIAT shall be conducted in strict accordance with the standards, rules and procedures set by DeVry, which DeVry may unilaterally change from time to time.

c. Institution Grant of License

(i) "CIAT Licensed Marks" shall mean CIAT's marks identified on Appendix D to this Agreement, as may be amended by the written agreement of the parties from time to time.

(ii) "CIAT Territory" shall mean the United States of America.

(iii) DeVry is hereby granted a limited, non-exclusive right and license to use CIAT Licensed Marks during the term of this Agreement solely for promotion of educational opportunities and programs as contemplated by this Agreement in the CIAT Territory. CIAT hereby represents and warrants that it has all requisite authority to grant the foregoing license.

(iv) Upon any termination or expiration of this Agreement or this Section VI(c), howsoever occasioned, DeVry shall: (1) discontinue all use of CIAT Licensed Marks; (2) discard, destroy or delete any printed and electronic materials containing CIAT Licensed Marks; and (3) refrain from any use of CIAT Licensed

Marks or marks similar to the CIAT Licensed Marks. This Section VI(c)(iv) shall survive termination of this Agreement for any reason.

VII. Term, Renewal, Changes and Termination

a. Subject to the other terms of this Agreement, this Agreement shall be in effect for one (1) year from the Effective Date. Thereafter this Agreement will automatically renew for periods of one (1) year each until March 13, 2024 or until terminated by either party upon providing thirty (30) days prior written notice to the other party, whichever is sooner. Notwithstanding the foregoing, either party may terminate this Agreement upon ten (10) days notice to the other party in the event of a material breach of this Agreement by the other party, which breach is not cured during such notice period.

This Agreement must be reviewed annually for continued validity, applicability, and the addition of new courses and programs at DeVry and new courses and programs at CIAT, and the appropriate CIAT Officer and the DeVry Chief Academic Officer, or their designees, may make modifications to this Agreement by written amendment only. Any modifications to this Agreement must be made only by mutually written agreement between the parties.

Appendix B: Course Mapping

The transfer guides below do not represent all courses required for DeVry programs; rather, they provide a list of courses that, when completed at CIAT have been determined to be equivalent to DeVry courses. For a complete list of course requirements in each DeVry program, please see the [Academic Catalog](#).

The CIAT courses below are clock hour courses, while DeVry University courses are semester-credit hour courses. DeVry University converts clock hours to semester-credit hours.

The following are the CIAT programs that were evaluated and the corresponding DeVry University programs in which some credit may transfer.

CIAT Program	DeVry Program
Associate of Applied Science in Computer Information Systems – Networking Concentration	<ul style="list-style-type: none"> • Bachelor of Science in Technical Management • Bachelor of Science in Information Technology and Networking • Bachelor of Science in Network and Communications Management
Associate in Applied Science in Software Development	<ul style="list-style-type: none"> • Bachelor of Science in Computer Information Systems • Bachelor of Science in Software Development • Bachelor of Science in Multimedia Design and Development
Certificate in Computer Information Systems - Networking Concentration	<ul style="list-style-type: none"> • Bachelor of Science in Technical Management • Bachelor of Science in Information Technology and Networking
Certificate as Cisco Networking Professional / Cisco Certified Network Associate – Security Specialist (CCNP / CCNA-SEC)	<ul style="list-style-type: none"> • Bachelor of Science in Network and Communications Management • Bachelor of Science in Computer Information Systems • Bachelor of Science in Software Development
Certificate as Networking Security Technician (CNST)	<ul style="list-style-type: none"> • Bachelor of Science in Multimedia Design and Development
Certificate in Computer Application Development	

Technical Management Bachelor's Degree Program			
DeVry Courses		CIAT Courses	
Communication Skills			
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Three semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 6 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
Mathematics and Natural Sciences		Three semester-credit hours of coursework in any applicable natural sciences discipline can be applied as natural science credit toward this program.	
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Additional General Education Selection		Three semester-credit hours of coursework in any applicable general education discipline can be applied toward this program requirement.	
Business, Management and Technology			
• BIS245	Database Essentials for Business with Lab	• ASD 103	Relational Database Mgmt. System & SQL
Electives		Up to 25 credit hours of qualifying prior college coursework not meeting other program requirements may be applied toward elective hours.	
The following are suggested electives.			
• CIS115	Logic and Design	• ASD 215	C# Business Programming
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
• CIS206	Architecture and Operating Systems with Lab	• CIS 101B	Computer Operating Systems
• SEC310	Principles and Theory of Security Management	• CIS 221	Advanced Network Security
Technical Specialty			
General Technical Option		Up to 27 credit hours of qualifying prior college coursework not meeting other program requirements may be applied toward the technical specialty hours.	
<p><i>The general technical option is designed for students who wish to apply prior coursework to a particular career area. DeVry coursework, qualifying coursework from a prior college experience, or a combination of DeVry and qualifying prior coursework may apply.</i></p> <p><i>The following disciplines can apply to the General Technical Option with a minimum of 23 credit hours in a particular career area. The remaining four credit hours are taken at DeVry. The following are examples of course distribution into the GTO. Other courses not listed may apply to the GTO.</i></p>			
Computer Information Systems Networking			
• CIS 101A	Computer Hardware Fund	• CIS 120B	Network Fundamentals Part 2
• CIS 101B	Computer Operating Systems	• CIS 266	Administering Microsoft Windows Server
• CIS 102A	Network Fundamentals Part 1	• CIS 267	Configuring Advanced Windows Server Services
• CIS 120	Network Security		
Software Development			
• ASD 101	The Fundamentals of Software Design	• ASD 150	Operating Systems Concepts
• ASD 102	Object Oriented Programming with C++	• ASD 170	Front End Development with HTML, CSS, and JavaScript

Technical Management Bachelor's Degree Program			
DeVry Courses		CIAT Courses	
• ASD 103	Regional Database Mgmt. Systems & SQL	• ASD 190	Internet Architecture with HTTP and REST
Business Administration Specialty <i>The following business administration specialties are designed for students who wish to focus on a particular career area in a business or management field.</i>			
Information Technology – Cisco Networking Fundamentals			
• NETW203	Cisco Networking Academy – Introduction to Networking with Lab	• CIS 270A	Cisco Configuration ICND1
• NETW205	Cisco Networking Academy – Introduction to Routing with Lab	• CIS 270B	Cisco Configuration ICND2
• NETW207	Cisco Networking Academy – Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• NETW230	Network Operating Systems – Windows, with Lab	• CIS 265	Installing and Configuring Windows Server
• SEC280	Principles of Information Systems Security	• CIS 120	Network Security
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security
Information Technology – Networking Fundamentals			
• NETW202	Introduction to Networking with Lab	• CIS 102B	Networking Fundamentals Part 2
• NETW206	Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• NETW230	Network Operating Systems – Windows, with Lab	• CIS 265	Installing and Configuring Windows Server
• SEC280	Principles of Information Systems Security	• CIS 120	Network Security
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security

Computer Information Systems Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 3 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences			
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Tech Core			
• CEIS106	Introduction to Operating Systems	• CIS 101B	Computer Operating Systems
• CEIS110	Introduction to Programming	• ASD 215	C# Business Programming
• NETW190	Fundamentals of Information Technology & Networking I	• CIS 102A	Network Fundamentals Part 1
• NETW200	Fundamentals of Information Technology & Networking II	• CIS 102B	Networking Fundamentals Part 2
• SEC285	Fundamentals of Information Security	• CIS 120	Network Security
Information Systems and Programming			
• CEIS236	Database Systems and Programming Fundamentals	• ASD 103	Regional Database Mgmt System and SQL
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
Program Core – selection by track			
Cyber Security Programming & Software Programming students			
Network Systems Administration			
• NETW260	Intermediate Information Technology & Networking I	• CIS 273	Implementing CISO IP Switched Networks
Information Technology and Networking			
• CEIS305	Operating Systems	• CIS 230A & • CIS 230B	Installation and Configuration of Linux Part 1 Installation and Configuration of Linux Part 2
• SEC311	Ethical Hacking	• CIS 220	Certified Ethical Hacker
All other students			
Application Development			
• CIS363B	Web Interface Design with Lab	• ASD 170	Front End Development with HTML, CSS
• CIS407A	Web Application Development with Lab	• ASD 255	Web Development with ASP. Net
Track – one option is selected			
Computer Forensics			
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security
Information Systems Security			
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security

Information Technology & Networking Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 3 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences			
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Tech Core			
• CEIS106	Introduction to Operating Systems	• CIS 101B	Computer Operating Systems
• CEIS110	Introduction to Programming	• ASD 215	C# Business Programming
• NETW190	Fundamentals of Information Technology & Networking I	• CIS 102A	Network Fundamentals Part 1
• NETW200	Fundamentals of Information Technology & Networking II	• CIS 102B	Networking Fundamentals Part 2
• SEC285	Fundamentals of Information Security	• CIS 120	Network Security
Network Systems Administration			
• NETW260	Intermediate Information Technology & Networking I	• CIS 273	Implementing CISO IP Switched Networks
Information Systems and Programming			
• CEIS236	Database Systems and Programming Fundamentals	• ASD 103	Regional Database Mgmt System and SQL
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
Track – one option is selected			
Cloud Based Networking and Virtualization			
• NETW414	Cloud Computing Fundamentals	• ASD 265	Cloud Computing with Microsoft Azure
Cyber Security			
• SEC311	Ethical Hacking	• CIS 220	Certified Ethical Hacker
• SEC440	Information Systems Security Planning and Audit	• CIS 221	Advanced Network Security
Mobile and Network Devices			
• CEIS375	Information Technology and Mobility Essentials	• ASD 277	Internet of Things

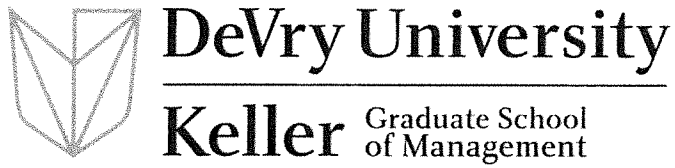
Network & Communications Management Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 6 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences		Three semester-credit hours of coursework in any applicable natural sciences discipline can be applied as natural science credit toward this program.	
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Computing			
• CIS206	Architecture and Operating Systems with Lab	• CIS 101B	Computer Operating Systems
• SEC280	Principles of Information Systems Security	• CIS 120	Network Security
Network Operating Systems and Technologies			
• NETW230	Network Operating Systems – Windows, with Lab	• CIS 265	Installing and Configuring Windows Server
• NETW240	Network Operating Systems – UNIX, with Lab	• CIS 230A & • CIS 230B	Installation and Configuration of Linux Part 1 Installation and Configuration of Linux Part 2
Track – one option is selected			
<i>Cisco Network Fundamentals</i>			
• NETW203	Cisco Networking Academy – Introduction to Networking with Lab	• CIS 270A	Cisco Configuration ICND1
• NETW205	Cisco Networking Academy – Introduction to Routing with Lab	• CIS 270B	Cisco Configuration ICND2
• NETW207	Cisco Networking Academy – Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• SEC453	Cisco Networking Academy – Advanced Network Security with Lab	• CIS 271	Implementing CISCO IOS Network Security
<i>Networking Fundamentals</i>			
• NETW202	Introduction to Networking with Lab	• CIS 102B OR • CIS 272	Networking Fundamentals Part 2 Implementing Cisco IP Routing
• NETW206	Introduction to Switching with Lab	• CIS 273	Implementing CISO IP Switched Networks
• SEC450	Advanced Network Security with Lab	• CIS 271	Implementing CISCO IOS Network Security

Software Development Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
• ENGL112	Composition	• ENG 100	College Reading and Composition
• ENGL135	Advanced Composition	• ENG 101	English Composition
Humanities		Up to 6 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program.	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences			
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Tech Core			
• CEIS106	Introduction to Operating Systems	• CIS 101B	Computer Operating Systems
• CEIS110	Introduction to Programming	• ASD 215	C# Business Programming
• NETW190	Fundamentals of Information Technology & Networking I	• CIS 102A	Network Fundamentals Part 1
• NETW200	Fundamentals of Information Technology & Networking II	• CIS 102B	Networking Fundamentals Part 2
• SEC285	Fundamentals of Information Security	• CIS 120	Network Security
Information Systems and Programming			
• CIS170C	Programming with Lab	• ASD 102	Object Oriented Programming with C++
Information Technology and Networking			
• CEIS305	Operating Systems	• CIS 230A &	Installation and Configuration of Linux Part 1
		• CIS 230B	Installation and Configuration of Linux Part 2
Track – one option is selected			
Software Design and Programming			
• CEIS320	Introduction to Mobile Device Programming	• ASD 227	iOS Programming
Web and Mobile Application Development			
• CIS363B	Web Interface Design with Lab	• ASD 170	Front End Development with HTML, CSS

Multimedia Design & Development Bachelor's Degree Program			
DeVry University Courses		CIAT Courses	
Communication Skills		Up to 6 semester-credit hours of coursework in an applicable communication skills discipline can be applied as communication skills credit toward this program.	
Humanities		Up to 6 semester-credit hours of coursework in any applicable humanities discipline can be applied as humanities credit toward this program	
Social Sciences		Up to 9 semester-credit hours of coursework in any applicable social science discipline can be applied as social science credit toward this program.	
• SOCS185	Culture and Society	• SBS 120	Sociology
Mathematics and Natural Sciences		Three semester-credit hours of coursework in any applicable natural sciences discipline can be applied as natural science credit toward this program.	
• MATH114	Algebra for College Students	• MTH 105	College Algebra
• MATH221	Statistics for Decision-Making	• MTH 140	Statistics
Multimedia Core			
• WGD232	Web Design	• ASD 170	Front End Development with HTML,CSS
• WGD242	Advanced Web Design	• ASD 190	Internet Architecture with PHP and Other OSS
Track – one of the following is selected			
Web Design and Development			
• CIS336	Introduction to Database with Lab	• ASD 103	Regional Database Mgmt System and SQL

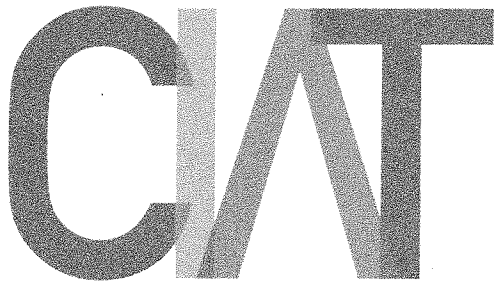
APPENDIX C

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APPENDIX D

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