

## ***Course Equivalency Guide***

between

**Iowa State University**  
515-294-5836  
***www.iastate.edu***

and

**Rock Valley College, Rockford, IL**  
815-921-7821  
***rockvalleycollege.edu***

***Based on the Rock Valley College 2021-2022 General Catalog and the  
2021-2022 Iowa State University Bulletin***

### ***How to Read the Course Equivalency Guide***

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course will apply toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

- If there is a course directly equivalent to the community college course, the Iowa State department and course number is listed.
- If there is not a course directly equivalent to the community college course, the department name is still listed with either a 1T\*\* or 2T\*\*. This shows it does transfer as either a freshman (1T\*\*) or sophomore (2T\*\*) level course. The student's major department at Iowa State will apply these credits to the student's degree as they see fit.
- A "z" after MATH 100 indicates that the course will transfer to Iowa State but will not be used toward graduation from Iowa State University.
- CAREER/TECH means the course is part of a career/technical program. A maximum of sixteen semester hours of career/technical credit can be transferred to Iowa State.
- "No Credit" in the credit column indicates the course does not transfer to Iowa State University. In most cases, the course is developmental in nature.

ROCK VALLEY COLLEGE	ISU EQUIVALENT	CREDITS
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**ANTHROPOLOGY**

ANP 102	Intro to Biological Anthropology & Archaeology	ANTHR 202	3
ANP 103	Intro to Cultural Anthropology	ANTHR 201	3

**APPRENTICESHIP - SHEET METAL WORKERS**

APT 190-289	By Title	CAREER/TECH	
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**ART**

ART 101-102	Drawing & Composition I, II	ART 1T**	3 each
ART 103	Design I	ART 1T**	3
ART 111	Painting I	ART 1T**	3
ART 121-122	Ceramics I, II	ART 1T**	3 each
ART 131	Intro to Visual Arts	ART 1T**	3
ART 141	Intro to Non-Western Visual Art	ART 1T**	3
ART 201	Life Drawing	ART 2T**	3
ART 203	Design II	ART 2T**	3
ART 212	Painting II	ART 2T**	3
ART 216	Relief Printmaking	ART 2T**	3
ART 251	History of Art I	ART H 280	3
ART 252	History of Art II	ART H 2T**	3

**ACCOUNTING**

ATG 110-298	By Title	CAREER/TECH	
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**AUTOMOTIVE SERVICE TECHNOLOGY**

ATM 105-242	By Title	CAREER/TECH	
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**ATMOSPHERIC SCIENCE**

ATS 105	Intro to Atmospheric Science	MTEOR 206	4
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**AVIATION MAINTENANCE TECHNOLOGY**

AVM 101-252	By Title	CAREER/TECH	
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**BIOLOGY**

BIO 100	Introductory Human Biology	BIOL 155	3
BIO 103	Introductory Life Science	BIOL 101	3
BIO 104	Introductory Life Science Lab	BIOL 1T**	1
BIO 106	Environmental Biology	ENV S 173	3
BIO 107	Environmental Biology Lab	ENV S 1T**	1
BIO 113	Plants & Society	BIOL 1T**	4
BIO 140	Intro to Evolution	BIOL 1T**	3
BIO 150	Microbes & Society	BIOL 1T**	3
BIO 152	Microbes & Society	BIOL 1T**	1
BIO 162	Human Heredity	BIOL 1T**	3
BIO 171	Biology of Human Disease	BIOL 1T**	3
BIO 185	Foundations of Anatomy and Physiology	BIOL 1T**	5
*BIO 201	Fundamentals of Biology I	BIOL 2T**	4
*BIO 202	Fundamentals of Biology II	BIOL 2T**	4

*\*When BIO 201 and BIO 202 are both taken, the courses will transfer as BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BIO 274	Microbiology	MICRO 201	3
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ROCK VALLEY COLLEGE	ISU EQUIVALENT	CREDITS
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### **BIOLOGY, continued**

**BIO 281	Human Anatomy and Physiology I	BIOL 2T**	4
**BIO 282	Human Anatomy and Physiology II	BIOL 2T**	4
<i>**When BIO 281 and BIO 282 are both taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).</i>			

### **BUSINESS**

BUS 101	Introduction to Business	BUSAD 1T**	3
BUS 103-170	By Title	CAREER/TECH	
BUS 200	Legal Environment in Business	ACCT 215	3
*BUS 223	Business Statistics	STAT 104	3

*\* When BUS 223 and MTH 220 are both taken, the courses will transfer as STAT 104 (3) and STAT 1T\*\* (3)*

BUS 230-282	By Title	CAREER/TECH	
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### **CHEMISTRY**

CHM 099	Introductory Chemistry	CHEM 50	No Credit
CHM 105	Chemistry & Society	CHEM 160	4
CHM 110	General, Organic, & Biochemistry I	CHEM 1T**	4
CHM 120	General Chemistry I	CHEM 177	3
		CHEM 177L	1
CHM 130	General Chemistry II	CHEM 178	3
		CHEM 178L	1
CHM 210	General, Organic, & Biochemistry II	CHEM 2T**	4
CHM 220	Organic Chemistry I	CHEM 331	4
		CHEM 333L	1
CHM 230	Organic Chemistry II	CHEM 332	4
		CHEM 334L	1
CHM 240	General Biological Chemistry	BBMB 2T**	3

### **COMPUTERS AND INFORMATION SYSTEMS**

CIS 102	Intro to Computers & Information Systems	COM S 1T**	3
CIS 120-291	By Title	CAREER/TECH	

### **MASS COMMUNICATION**

COM 113	Introduction to Public Relations	P R 220	3
COM 119	News Writing	JL MC 1T**	3
COM 120	News Editing	JL MC 1T**	3
COM 130	Intro to Mass Communication	JL MC 101	3
COM 140	Writing For Multimedia	JL MC 1T**	3
COM 156	Audio Production	JL MC 1T**	3
COM 157	Video Production	JL MC 1T**	3
COM 208	Screenwriting	ENGL 2T**	3
COM 218	Broadcast Performance	JL MC 2T**	3
COM 221	Photojournalism	JL MC 2T**	3
COM 251	Film History & Appreciation	HUM 2T**	3
COM 252	International History of Film	HUM 2T**	3
COM 256	Advanced Audio Production	JL MC 2T**	3
COM 257	Advanced Video Production	JL MC 2T**	3
COM 260	Advanced Post-Production	CAREER/TECH	
COM 296	Documentary Production	JL MC 2T**	3

ROCK VALLEY COLLEGE	ISU EQUIVALENT	CREDITS
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**MASS COMMUNICATION, continued**

COM 297	Motion Picture Production	JL MC 2T**	3
COM 298	Mass Communication Internship	JL MC 2T**	1-2

**CRIMINAL JUSTICE**

CRM 101	Intro to Criminal Justice	C J 1T*	3
CRM 102-127	By Title	CAREER/TECH	
CRM 210	Criminal Law	C J 2T*	3
CRM 225	Juvenile Procedures	C J 2T*	3
CRM 260-291	By Title	CAREER/TECH	

**DENTAL**

DNT 102-225	By Title	CAREER/TECH	
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**EARLY CHILDHOOD EDUCATION**

ECE 100-205	By Title	CAREER/TECH	
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**ECONOMICS**

ECO 101	Intro to Economics	ECON 1T**	3
ECO 110	Principles of Economics: Macro	ECON 102	3
ECO 111	Principles of Economics: Micro	ECON 101	3

**EDUCATION**

EDU 202	Children's Literature	HD FS 240	3
EDU 224	Intro to Education	EDUC 204	3
EDU 234	Intro to Technology For Teachers	EDUC 2T**	3
EDU 244	Students With Disabilities in Schools	SP ED 250	3
EDU 245	Special Education Practicum	SP ED 2T**	1
EDU 274	Elementary School Practicum	EDUC 2T**	1

**ELECTRONIC ENGINEERING TECHNOLOGY**

EET 100-299	By Title	CAREER/TECH	
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**ENGINEERING**

EGR 101	Intro to Engineering	ENGR 1T**	2
EGR 135	Engineering Graphics/CAD	ENGR 1T**	4
EGR 206	Statics	C E 274	3
EGR 207	Dynamics	M E 2T**	3
EGR 221	Elementary Mechanics of Deformable Bodies	ENGR 2T**	3
EGR 231	Engineering Circuit Analysis	E E 2T**	4
EGR 250	Digital Electronics	CPR E 2T**	4

**APPRENTICESHIP - ELECTRICIANS**

ELC 120-249	By Title	CAREER/TECH	
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**ENGLISH**

ENG 097-099	By Title		No Credit
ENG 101	Composition I	ENGL 150	3
ENG 103	Composition II	ENGL 250	3
ENG 108	Introductory Creative Writing	ENGL 1T**	3
ENG 109	Creative Writing II	ENGL 1T**	3
ENG 110	Intro to Technical Writing	ENGL 1T**	3
ENG 200	Language, Power, & Public Life	ENGL 2T**	3

**FIRE SCIENCE**

FRE 101-250      By Title      CAREER/TECH

**MODERN LANGUAGES: FRENCH**

FRN 101	Beginning French	FRNCH 101	4
FRN 102	Continuation of Beginning French	FRNCH 102	4

**FITNESS, WELLNESS, & SPORT**

FWS 110	Fitness Walking	KIN 1T**	1
FWS 116	Step Aerobics	KIN 1T**	1
FWS 119	Cardio Kickboxing	KIN 1T**	1
FWS 121	Cardiovascular Fitness & Conditioning	KIN 1T**	1
FWS 126	Beginning Weightlifting	KIN 1T**	1
FWS 127	Advanced Weightlifting	KIN 1T**	2
FWS 128	Sports Performance Fitness	KIN 1T**	1
FWS 131	Basketball & Touch Football	KIN 1T**	1
FWS 133	Power Volleyball	KIN 1T**	1
FWS 151	Tae Kwon Do	KIN 1T**	1
FWS 176-177	Intercollegiate Sports I, II	ATH 1T**	1 each
FWS 220	Intro to Career Ops in PE, Exercise Sci, & Sport	KIN 1T**	3
FWS 231	Contemporary Health Issues	H S 110	3
FWS 233	Community Health	H S 2T**	3
FWS 235	Alcohol & Drug Education	H S 2T**	3
FWS 236	Human Sexuality	HD FS 276	3
FWS 237	Nutrition For Optimum Living	FS HN 167	3
FWS 243	First Aid, General Safety, CPR & AED	H S 105	3
FWS 250	Intro to Sport Management	KIN 2T**	3
FWS 253	Intro to Coaching	KIN 2T**	3
FWS 254	ASEP Sport First Aid & CPR	KIN 2T**	3
FWS 255	Sociology of Sport	KIN 2T**	3
FWS 256	History of Physical Education & Sport	KIN 2T**	3
FWS 258	Sport & Exercise Psychology	KIN 2T**	3
FWS 260	Intro to Exercise Science	KIN 2T**	3
FWS 261	Nutrition For Fitness & Sport	KIN 2T**	3
FWS 263	Nutrition, Exercise, & Weight Control	KIN 2T**	3
FWS 265	Personal Fitness & Wellness	KIN 2T**	3
FWS 266-276	By Title	CAREER/TECH	

**GRAPHIC ARTS TECHNOLOGY**

GAT 101-255      By Title      CAREER/TECH

**GEOLOGY**

GEL 101	Intro to Geology	GEOL 100, 100L	4
GEL 107	Geology of the Solar System	GEOL 1T**	3
GEL 206	Environmental Geology	GEOL 2T**	3

**GEOGRAPHY**

GEO 130	World Geography	S SCI 1T**	3
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**MODERN LANGUAGES: GERMAN**

GRM 101	Beginning German	GER 101	4
GRM 102	Continuation of Beginning German	GER 102	4

**HEALTH**

HLT 110	Medical Terminology	CAREER/TECH	
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**HISTORY**

HST 140	History of Western Civilization	HIST 201	3
HST 141	History of Western Civilization II	HIST 202	3
HST 142	History of the US to 1865	HIST 221	3
HST 143	History of the US Since 1865	HIST 222	3
HST 144	Current History 1945 to the Present	HIST 1T**	3
HST 151	African History Survey to 1600	HIST 1T**	3
HST 152	African History Survey Since 1600	HIST 1T**	3
HST 162-163	History of Latin America I, II	HIST 1T**	3 each
HST 172	History of the Middle East to 1452	HIST 1T**	3
HST 173	History of the Middle East Since 1453	HIST 1T**	3
HST 182	History of Eastern Civilization to 1500	HIST 1T**	3
HST 183	History of Eastern Civilization Since 1500	HIST 1T**	3
HST 192	History of the World Until 1750	HIST 1T**	3
HST 193	History of the World Since 1750	HIST 1T**	3
HST 210	History of Women of the United States	HIST 2T**	3

**HUMANITIES**

HUM 111-114	Introduction to the Humanities I, II, III	HUM 1T**	3 each
HUM 125	Intro to Non-Western Humanities	HUM 1T**	3
HUM 211	War & Western Humanities Thru the Middle Ages	HUM 2T**	3
HUM 212	War & Western Humanities: Renaissance-Present	HUM 2T**	3
HUM 250	Leadership Development Studies	HUM 2T**	3

**INDEPENDENT STUDY**

IDS 299	Independent Study	XXX 2T**	1-4
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**LITERATURE**

LIT 139	Mythology	ENGL 1T**	3
LIT 140	The Bible as Literature	ENGL 1T**	3
LIT 141	Film & Literature	ENGL 237	3
LIT 142	Exploring Literature: Poetry	ENGL 1T**	3
LIT 144	Exploring Literature: Fiction	ENGL 1T**	3
LIT 152	Multicultural American Literature	ENGL 1T**	3
LIT 154	Intro to Non-Western Literature	ENGL 1T**	3
LIT 201	American Literature Before 1865	ENGL 227	3
LIT 202	American Literature Since 1865	ENGL 228	3

**MECHATRONICS**

MEC 100-142	By Title	CAREER/TECH	
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**MANUFACTURING ENGINEERING TECHNOLOGY**

MET 100-249	By Title	CAREER/TECH	
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**MANAGEMENT**

MGT 170	Business Communications	CAREER/TECH	
MGT 270	Principles of Management	MGMT 2T**	3
MGT 271-274	By Title	CAREER/TECH	

ROCK VALLEY COLLEGE	ISU EQUIVALENT	CREDITS
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**MARKETING**

MKT 260	Principles of Marketing	MKT 2T**	3
MKT 265-288	By Title	CAREER/TECH	

**MATHEMATICS**

MTH 020-092	By Title		No Credit
*MTH 093	Intermediate Algebra Part I		No Credit
*MTH 094	Intermediate Algebra Part II		No Credit

*\*When MTH 093 and MTH 094 are both taken, the courses will transfer as MATH 100Z (4).*

*\*Transfer credit in MATH 100Z does not count toward graduation.*

MTH 096A-097	By Title		No Credit
MTH 115	General Education Mathematics	MATH 1T**	3
MTH 120	College Algebra	MATH 140	3
MTH 125	Plane Trigonometry	MATH 1T**	3
MTH 132	College Algebra & Trigonometry	MATH 1T**	5
MTH 135	Calculus With Analytic Geometry	MATH 165	5
MTH 164	The Computer in Mathematics	MATH 1T**	4
MTH 211	Calculus For Business & Social Science	MATH 151	4
MTH 216	Mathematics For Elementary Teachers	MATH 195	3
MTH 217	Mathematics For Elementary Teachers II	MATH 196	3
*MTH 220	Elements of Statistics	STAT 104	3

*\* When MTH 220 and BUS 223 are both taken, the courses will transfer as STAT 104 (3) and STAT 1T\*\* (3).*

MTH 235	Calculus With Analytic Geometry II	MATH 166	4
MTH 236	Calculus With Analytic Geometry III	MATH 265	4
MTH 240	Differential Equations	MATH 267	3
MTH 250	Linear Algebra	MATH 207	4

**MUSIC**

MUS 101	Fundamentals of Music	MUSIC 1T**	3
MUS 102	Intro to Music Literature	MUSIC 102	3
MUS 104	Intro to American Music	MUSIC 1T**	3
MUS 106	Intro to Non-Western Music	MUSIC 1T**	3
MUS 131-132	Class Piano I, II	MUSIC 1T**	2 each
MUS 191	Chorus	MUSIC 1T**	1
MUS 194	Instrumental Ensemble I (Jazz Ensemble)	MUSIC 1T**	1
MUS 195	Band I	MUSIC 1T**	1
MUS 198	Orchestra I	MUSIC 1T**	1
MUS 294	Instrumental Ensemble II (Jazz Ensemble)	MUSIC 2T**	1
MUS 295	Band II	MUSIC 2T**	1
MUS 298	Orchestra II	MUSIC 2T**	1

**NURSING**

NRS 104-245	By Title	CAREER/TECH	
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**NURSING AIDE**

NAD 101	Nursing Aide	CAREER/TECH	
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**OFFICE PROFESSIONAL**

OFF 115-245	By Title	CAREER/TECH	
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**PERSONAL COMPUTER INFORMATION SPECIALIST**

PCI 228      MOS Certification Preparation      CAREER/TECH

**PERSONAL COMPUTER TECHNICAL SPECIALIST**

PCT 110-291      By Title      CAREER/TECH

**PHYSICAL GEOGRAPHY**

PGE 100	Physical Geography	SCI 1T**	3
PGE 102	Physical Geography With Lab	SCI 1T**	4
PGE 240	Global Climate Change	ENSCI 2T**	3

**PHILOSOPHY**

PHL 150	Introduction to Philosophy	PHIL 201	3
PHL 151	Introduction to Non-Western Philosophy	PHIL 1T**	3
PHL 152	Environmental Ethics	PHIL 1T**	3
PHL 153	Medical Ethics	PHIL 1T**	3
PHL 154	Introduction to Religion	RELIG 1T**	3
PHL 155	World Religions	RELIG 205	3
PHL 156	Religion in American Society	RELIG 210	3
PHL 157	Foundational Religious Texts	RELIG 1T**	3
PHL 255	Logic	PHIL 206	3
PHL 256	Contemporary Moral Issues	PHIL 230	3
PHL 260	Philosophy of Religion	RELIG 2T**	3

**PHYSICS**

PHY 201	Mechanics & Heat	PHYS 131	4
		PHYS 131L	1
PHY 202	Waves, Electricity, Light, & Modern Physics	PHYS 132	4
		PHYS 132L	1
PHY 215	Mechanics, Wave Motion, & Thermodynamics	PHYS 231	4
		PHYS 231L	1
PHY 225	Electricity, Magnetism, Light, & Modern Physics	PHYS 232	4
		PHYS 232L	1

**PHLEBOTOMY TECHNICIAN**

PLB 110-130      By Title      CAREER/TECH

**POLITICAL SCIENCE**

PSC 150	Intro to Political Science	POL S 1T**	3
PSC 160	American National Government	POL S 215	3
PSC 161	State & Local Government	POL S 1T**	3
PSC 210	Introduction to the Legal System	POL S 2T**	3
PSC 211	The American Presidency	POL S 2T**	3
PSC 269	International Relations	POL S 251	3

**PSYCHOLOGY**

PSY 170	General Psychology	PSYCH 101	3
PSY 225	Child Development	PSYCH 2T**	3
PSY 250	Psychology of Personality	PSYCH 2T**	3
PSY 270	Lifespan Developmental Psychology	PSYCH 230	3
PSY 271	Educational Psychology	PSYCH 333	3

*\*Updated April 5, 2022*

ROCK VALLEY COLLEGE	ISU EQUIVALENT	CREDITS
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**PSYCHOLOGY, continued**

PSY 275	Social Psychology	PSYCH 280	3
PSY 276	Abnormal Psychology	PSYCH 2T**	3

**READING**

RDG 096-099	By Title		No Credit
RDG 101	College Reading	ENGL 1T**	2

**RESPIRATORY CARE**

RSP 111-250	By Title	CAREER/TECH	
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**SUPPLY CHAIN MANAGEMENT**

SCM 100-101	By Title	CAREER/TECH	
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**SOCIOLOGY**

SOC 190	Introduction to Sociology	SOC 134	3
SOC 290	Social Problems	SOC 235	3
SOC 291	Criminology	C J 242	3
SOC 292	Sociology of Deviance	SOC 2T**	3
SOC 294	Urban Sociology	SOC 2T**	3
SOC 295	Racial & Ethnic Relations	SOC 2T**	3
SOC 298	Sociology of Sex & Gender	SOC 2T**	3
SOC 299	Sociology of the Family	SOC 219*	3

*\*Updated 4/19/22*

**SPEECH**

SPH 131	Fundamentals of Communication	SP CM 212	3
SPH 201	Interpersonal Communication	COMST 102	3
SPH 202	Intercultural Communication	COMST 2T**	3
SPH 211	Group Leadership	COMST 2T**	3

**MODERN LANGUAGES: SPANISH**

SPN 101	Beginning Spanish	SPAN 101	4
SPN 102	Continuation of Beginning Spanish	SPAN 102	4
SPN 203	Intermediate Spanish	SPAN 201	3
SPN 204	Continuation of Intermediate Spanish	SPAN 202	3

**STUDENT DEVELOPMENT**

STU 100	Planning For Success	PSYCH 131	1
STU 101	Career Planning	U ST 1T**	2
STU 103	Workplace Ethics	CAREER/TECH	
STU 299	Service Learning	U ST 2T**	1-3

**THEATRE**

THE 133	Intro to Theatre	THTRE 1T**	3
THE 134	Stagecraft & Theatre Lighting	THTRE 255	3
THE 135	Acting I	THTRE 251	3
THE 235	Acting II	THTRE 2T**	3

**WEB INFORMATION TECHNOLOGY**

WEB 101-291	By Title	CAREER/TECH	
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**WELDING**

WLD 100-181	By Title	CAREER/TECH	
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