# **How to Authenticate This Official PDF Transcript**

This official PDF transcript has been transmitted electronically to the recipient, and is intended solely for use by that recipient. It is not permissible to replicate this document or forward it to any person or organization other than the identified recipient. Release of this record or disclosure of its contents to any third party without written consent of the record owner is prohibited.

This official transcript has been digitally signed and therefore contains special characteristics. This document will reveal a digital certificate that has been applied to the transcript, and for optimal results, we recommend that this document is viewed with the latest version of Adobe® Acrobat or Adobe® Reader. This digital certificate will appear in a pop-up screen or status bar on the document, display a blue ribbon, and declare that the document was certified by Parchment, with a valid certificate issued by GlobalSign CA for Adobe®. This document certification can be validated by clicking on the Signature Properties of the document.



**The Blue Ribbon Symbol:** The blue ribbon is your assurance that the digital certificate is valid, the document is authentic, and the contents of the transcript have not been altered.



**Invalid:** If the transcript does not display a valid certification and signature message, reject this transcript immediately. An invalid digital certificate display means either the digital signature is not authentic, or the document has been altered. The digital signature can also be revoked by the transcript office if there is cause, and digital signatures can expire. A document with an invalid digital signature display should be rejected.



**Author Unknown:** Lastly, one other possible message, Author Unknown, can have two possible meanings: The certificate is a self-signed certificate or has been issued by an unknown or untrusted certificate authority and therefore has not been trusted, or the revocation check could not complete. If you receive this message make sure you are properly connected to the internet. If you have a connection and you still cannot validate the digital certificate on-line, reject this document.

The current version of Adobe® Reader is free of charge, and available for immediate download at <a href="http://www.adobe.com">http://www.adobe.com</a>.

**ABOUT PARCHMENT:** Parchment is an academic credential management company, specializing in delivery of official electronic credentials. As a trusted intermediary, all documents delivered via Parchment are verified and secure.

Learn more about Parchment at www.parchment.com





NAME Luca Comba ID NO. 101188363 Date Issued: 24-DEC-2020

Student Data and Registrar 2115 Summit Avenue MHC 126 St. Paul, MN 55105-1078 Telephone 651-962-6700

	THE EASE OF THE	DOCUMENT	LIACA	OLODED BACKS	Telephone 651-962-67		
	THE FACE OF THIS	DOCUMENT	HAS A C	DLORED BACKO	ROUND ON WHITE PAPER		13 14 5 3 C
Course Level:	Undergraduate						
Co	llege : College of Arts & Scien	ces					
	Major : Computer Science (BS)			SUBJ NO.	COURSE TITLE	CRED GRD	PTS
	Statistics						
				Institution Ir	nformation continued:		
SUBJ NO.	COURSE TITLE	CRED GRD	PTS F	ENGL 202	On Trial: Law and Literature	4.00 A	16.00
				STAT 320	Statistics II	4.00 B+	13.20
				Ehrs:	16.00 GPA-Hrs: 16.00 QPts:	57.20 GPA:	3.57
INSTITUTION C	REDIT:						
				J-Term 2020			
Fall 2017				THEO 431	Women in the Early Church	4.00 A	16.00
GEOG 113	World Geography	4.00 A	16.00	Service Lear	rning Component		
IDSC 180	Engl as a Second Lang I	4.00 A	16.00	Ehrs:	4.00 GPA-Hrs: 4.00 QPts:	16.00 GPA:	4.00
THEO 101	Christian Theo Tradition	4.00 A	16.00				
THTR 111	Introduction to Theater	4.00 A-	14.80				
Ehrs:	16.00 GPA-Hrs: 16.00 QPts:	62.80 GPA:	3.92	Spring 2020			
				Due to the imp	pact of the COVID-19 pandemic,		
Spring 2018				students had t	the opportunity to choose their	grade	
CISC 131	Intro-Programming&Prob Solvin	g 4.00 B	12.00	mode. Grades v	with an * are excluded from coun	ting	
ENGL 121	Crit Thinking:Lit/Wrting (ESL	) 4.00 A	16.00	towards the GI	PA. Visit stthomas.edu/transcrip	t	
MATH 108	Calculus with Review I	4.00 A	16.00	for more infor	rmation.		
PHIL 115	Philosophy of Human Person	4.00 B+	13.20	CISC 440	Artfcl Intelligence & Robotics	4.00 S	0.00
Ehrs:	16.00 GPA-Hrs: 16.00 QPts:	57.20 GPA:	3.57	STAT 310	Biostatistics	4.00 A	16.00
				STAT 360	Advanced Statistical Software	4.00 A	16.00
Summer 2018				STAT 400	Data Mining & Machine Learning	4.00 A-	14.80
MATH 109	Calculus with Review II	4.00 A	16.00	Ehrs:	16.00 GPA-Hrs: 12.00 QPts:	46.80 GPA:	3.90
Ehrs:	4.00 GPA-Hrs: 4.00 QPts:	16.00 GPA:	4.00				
				Fall 2020			
Fall 2018				STAT 414	Network Models and Simulations	4.00 B+	13.20
HIST 112	Hist Mod World Since 1550	4.00 A	16.00	Ehrs:	4.00 GPA-Hrs: 4.00 QPts:	13.20 GPA:	3.30
MATH 114	Calculus II	4.00 B+	13.20	IN PROGRESS WO	DRK		
STAT 220	Statistics I	4.00 B	12.00	ACSC 264	Theory of Interest	4.00 IN	PROGRESS
THEO 205	Old Testament	4.00 A	16.00	CISC 340	Computer Architecture	4.00 IN	PROGRESS
Ehrs:	16.00 GPA-Hrs: 16.00 QPts:	57.20 GPA:	3.57	CISC 350	Information Security	4.00 IN	PROGRESS
					In Progress Credits 12.00		
Spring 2019							
CISC 230	Object Oriented Design & Prog	4.00 A	16.00	Spring 2021			
MATH 128	Intro to Discrete Math	4.00 C+	9.20	IN PROGRESS WO	DRK		
PHIL 214	Introductory Ethics	4.00 B+	13.20	CISC 380	Algorithms	4.00 IN	PROGRESS
PHYS 104	Astronomy	4.00 A	16.00	CISC 480	Senior Capstone	4.00 IN	PROGRESS
Ehrs:	16.00 GPA-Hrs: 16.00 QPts:	54.40 GPA:	3.40	STAT 336	Data Comm and Visualization	4.00 IN	PROGRESS
				STAT 460	Statistical Research/Practicum	4.00 IN	PROGRESS
Fall 2019					In Progress Credits 16.00		
	Data Structures-Object Design	4.00 B	12.00	*********	******* CONTINUED ON PAGE 2 *	*****	*****
CISC 231							

RAISED SEAL NOT REQUIRED

This official university transcript does not require a raised seal

KAREN M. JULIAN
UNIVERSITY REGISTRAR

Luca Comba
Parchment DocumentID: 31905164

Page: 1

OF



NAME Luca Comba Date Issued: 24-DEC-2020 ID NO. 101188363

Student Data and Registrar 2115 Summit Avenue MHC 126 St. Paul, MN 55105-1078 Telephone 651-962-6700

# THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER Level: Undergraduate Earned Hrs GPA Hrs Points GPA TOTAL INSTITUTION 108.00 104.00 380.80 3.66 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* END OF TRANSCRIPT \*\*\*\*\*\*\*\*\*\*\*\*\* Page: 2 OF RAISED SEAL NOT REQUIRED This official university transcript does not require a raised seal KAREN M. JULIAN UNIVERSITY REGISTRAR

### UNIVERSITY OF ST. THOMAS TRANSCRIPT KEY

The College of St. Thomas became the University of St. Thomas on September 1, 1990. For additional information about this transcript, visit *stthomas.edu/transcript*.

### Accreditation

The University of St. Thomas is accredited by the Higher Learning Commission.

### Calendai

The University of St. Thomas follows a 4-1-4 calendar. This calendar consists of a fall semester during the months of September through December, a four-week January term, and a spring semester during the months of February through May. Each of the regular semesters consists of approximately 14 weeks of classes and a four-day examination period. The University also conducts a summer term with multiple sessions.

### Unit of Credit

All credit is computed in semester hours. One credit is usually equivalent to 14 contact hours. The University changed to semester credits in the fall of 1994. Prior to fall 1994, credits were recorded as course credits. One course credit was equal to four semester credits.

The \* symbol at the end of a course listing indicates that the course belongs to a different collegiate level and the credit for that course is not included in the cumulative totals. For example, a student may take a course at the undergraduate level while pursuing a graduate program of study.

An 'E' or 'I' appearing in the "R" column designates a repeated course. A designation of 'E' indicates the course is excluded from the cumulative totals. A designation of 'I' indicates the course is included in the cumulative totals.

### Course Numbering System

Courses with numbers having either 1 or 2 as the first digit are called lower division undergraduate courses, and those having 3 or 4 as the first digit are called upper division undergraduate courses. Lower division courses give students a broad general liberal arts education and prepare them for the more specialized education offered at the upper division level. Upper division courses acquaint students with the content and methodology of their particular field. Course numbers that have a first digit of 5 or higher are considered graduate courses.

### **Transfer Courses**

Courses accepted in transfer from other institutions are posted with the equivalent University of St. Thomas credit. Transfer credits from each individual institution are shown, but not the individual coursework. Transfer credit is not counted in the computation of the student's cumulative grade point average.

### Topics Courses

Courses numbered 295, 296, 297 and 298 or 487, 488, 489 and 490 are undergraduate topics courses. The contents and titles of these courses vary per semester and instructor. Topics courses do not duplicate existing courses and may be taken within the same department more than once. Graduate program topics course numbers vary.

# Exchange Courses

The University of St. Thomas is a member of the Associated Colleges of the Twin Cities (ACTC) along with Augsburg College, Hamline University, Macalester College and the St. Catherine University. Courses taken at these institutions by University of St. Thomas students are identified as exchange courses. Grades for these courses are included in the computation of the student's grade point average unless the student has taken courses at one or more of these institutions prior to matriculation at the University or while he/she was not an active student at the University. Courses taken in affiliated overseas or off-campus programs are also considered exchange courses and are recorded similarly. Exchange courses are identified by a school code after the course number as follows:

- A indicates a course taught on the Augsburg College campus
- C indicates a course taught on the St. Catherine University campus
- H indicates a course taught on the Hamline University campus
- M indicates a course taught on the Macalester College campus
- U indicates a course taught at a foreign university or off-campus program in cooperative arrangement with the University of St. Thomas UMAIE course
- Y indicates a course taught at a foreign university or off-campus program in cooperative arrangement with the University of St. Thomas
- V indicates a course taught at the University of Minnesota Twin Cities

### GRADING SYSTEM

Α	4.0 quality points	I	Incomplete
A-	3.7 quality points	W	Withdrawal
B+	3.3 quality points	S	Satisfactory
В	3.0 quality points	R	Unsatisfactory
B-	2.7 quality points	HP	High Pass
C+	2.3 quality points	Р	Pass
С	2.0 quality points	F	Fail
C-	1.7 quality points	AU	Audit, no credit
D+	1.3 quality points	AW	Audit, withdrawal
D	1.0 quality points	IP	In progress
D-	0.7 quality points	NR	Not reported
F	0.0 quality points		

### High Pass - Pass - Fail grade descriptions

High Pass (HP) indicates the exemplary completion of course requirements. Pass (P) indicates the successful completion of course requirements. Fail (F) indicates a failure to successfully complete the course requirements.

### Withdrawal from a course

Courses dropped after the last day to drop without a notation are assigned a mark of 'W'. A mark of 'W' is not assigned course credit or quality points and is not calculated in the GPA.

## Incomplete coursework

The mark of incomplete 'I' is assigned if the student has not completed the work for the course, has good reason for the delay, and permission of the instructor. A mark of 'I' is not assigned course credit or quality points and is not calculated in the GPA.

### Grade Point Average

The quality point total is the sum of quality points multiplied by total credits. The grade point average (GPA) is determined by dividing the quality point total by the number of courses assigned quality points. Marks of 'W', 'I', 'R' and 'S' are not assigned quality points and are not calculated in the GPA.

### Retaking coursework

Students may retake coursework if the mark is 'F', 'R', 'W', 'D-', 'D', or 'D+'. Only the higher grade is calculated in the GPA. Credit is not granted more than once for the same course. Both course notations, however, will remain on the academic transcript (see Unit of Credit description).

# Degree Requirements

Certificate Programs: Requirements are specific to each program.

Associate: A minimum of 64 semester credits and a cumulative grade point

average of 2.00 is required for the degree.

Baccalaureate: (Bachelor of Arts, Bachelor of Music, Bachelor of Science, Bachelor of Science in Electrical Engineering, and Bachelor of Science in Mechanical Engineering): A minimum of 129 semester credits, a cumulative grade point average of 2.00 and a 2.00 GPA in departmental courses in the major is required for the degree. Note: Prior to adoption of new curriculum in fall 2019, the minimum credit requirement was 132 semester credits.

Graduate/Law School: Requirements are specific to each program.

Go to *stthomas.edu/transcript* to find the specific catalog listing degree requirements for certificate and graduate/law programs.

### Release of Information

The information recorded on this transcript is protected by the Family Educational Rights and Privacy Act of 1974 and cannot be released or shared with any third party without the written consent of the student.

### Transcript Description

The transcript is printed on white safety paper with a marbled background and a purple trim. The transcript contains the University Seal (which is not raised) and the signature of the University Registrar. If the transcript has been issued to the student an indication will be noted.

Send questions concerning the authenticity and/or contents of this transcript to:

Office of Student Data and Registrar University of St. Thomas 2115 Summit Avenue, MHC 126 St. Paul, MN 55105 Phone: 651-962-6700

Fax: 651-962-6710 Email: registrar@stthomas.edu

Updated: 5/2020