463623413 Thomas A. Hagen Nov 14, 2017 11:27 am



100 Institute Rd Worcester, MA 01609



This is \*\* NOT \*\* an official transcript.

#### **Please Note:**

- · Courses "in progress" appear at the end of this report.
- · For undergraduate activity,

1/3 unit activity is represented as 3.00 credit hours.

1 Unit of activity is represented as 9.00 credit hours.

Other unit values are represented proportionately.

Information on minors and second majors is not displayed on this page.

The undergraduate GPA is not reflected on the Transcript.

The 'Grade Point Average for Passed Courses' appears on the Degree Audit web page.

## Transfer Credit Institution Credit Courses in Progress

# Transcript Data STUDENT INFORMATION

Name: Thomas A. Hagen Birth Date: Jan 17, 1996 Curriculum Information

**Current Program** 

Major: Robotics Engineering

\*\*\*This is NOT an Official Transcript\*\*\*

#### **DEGREES AWARDED**

Degree Bachelor of Degree Date:

Sought: Science

**Graduation Status:** Pending completion of Requirements

Diploma Name: Thomas Andrew Hagen

**Curriculum Information** 

**Primary Degree** 

Major: Robotics Engineering

Interactive Qualifying

CDR grade=A : RICS School Ambassador Induction Course

Project:

Sufficiency: CDR grade=B : American History Through Film

#### TRANSFER CREDIT ACCEPTED BY INSTITUTION -Top-

XXX:	Advanced Pl	acement			
Subject	Course	Title	Grade	Credit Hours	
HI	1000	U.S. HISTORY	L	3.000	
MA	1021	CALCULUS I	L	3.000	

MA 1022 CALCULUS II L 3.000

Attempt Passed Earned Hours Hours Hours

**Current Term:** 0.000 0.000 9.000

**Unofficial Transcript** 

INSTITUTION CREDIT -Top-

Term: Fall 2014

Major: Mechanical Engineering

Subject	Course	e Leve	l Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
HI	2321	01	EUROPE FROM OLD REGIME TO WWI	В	3.00	0	
MA	1023	01	CALCULUS III	Α	3.00	)	
MA	1024	01	CALCULUS IV	В	3.00	)	
ME	1800	01	MFG SCI, PRTPNG & CMP-CNTR MCH	Α	3.00	0	
PH	1110	01	GENERAL PHYSICS-MECHANICS	Α	3.00	)	
PH	1120	01	GEN. PHYSICS-ELEC-MAGNET	В	3.00	)	

**Term Totals (Undergraduate)** 

	Attempt Hours		
Current Term:	18.000	18.000	18.000
Cumulative:	18.000	18.000	18.000

**Unofficial Transcript** 

Term: Spring 2015

Major: Robotics Engineering

Subject	Course	e Leve	I Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
CH	1010	01	MOLECULARITY	С	3.00	)	
EN	1251	01	INTRODUCTION TO LITERATURE	В	3.00	)	
MA	2051	01	ORDINARY DIFFER. EQUATIONS	В	3.00	)	
MA	2071	01	MATRICES&LINEAR ALGEBRA I	Α	3.00	)	
PSY	1504	01	STRTGY FOR IMPRVNG COGN SKILLS	В	3.00	0	
RBE	1001	01	INTRODUCTION TO ROBOTICS	Α	3.00	)	
T T-4	-1- /11		14.1				

**Term Totals (Undergraduate)** 

	Attempt Hours		Earned Hours
Current Term:	18.000	18.000	18.000
Cumulative:	36.000	36.000	36.000

**Unofficial Transcript** 

Term: Fall 2015

Major: Robotics Engineering

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Subject	Course	Level	Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
ECE	2029	01	INTRO TO DIGITAL CIRCT DESIGN	В	3.000		
ES	2501	01	INTRO TO STATIC SYSTEMS	Α	3.000		
ETR	1100	01	ENGINEERING ENTREPRENEURSHIP	В	3.000		
HI	2315	01	THE SHAPING OF POST-1920 AMER	В	3.000		
HI	2328	01	HISTORY OF REV IN 20TH CENTURY	В	3.000		
MA	2621	01	PROBABILITY FOR APPLICATIONS	Α	3.000		

**Term Totals (Undergraduate)** 

	Attempt Hours	Passed Hours	Earned Hours
Current Term:	18.000	18.000	18.000
Cumulative:	54.000	54.000	54.000

Term: Spring 2016

Major: Robotics Engineering

Subject	Course	e Leve	l Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
CS	1101	01	INTRO TO PROGRAM DESIGN	Α	3.000	)	
CS	2102	01	OBJCT-ORIENTED DESIGN CONCEPTS	В	3.000	)	
ID	2050	01	SOC SCI RES-IQP LONDON (WI)	В	3.000	)	
PH	1130	01	MODERN PHYSICS	Α	3.000	)	
PQP	JNL	01	RICS INDUCTION COURSE	Α	1.500	)	
RBE	2001	01	UNIFIED ROBOTICS I: ACTUATION	Α	3.000	)	
RBE	2002	01	UNIFIED ROBOTICS II: SENSING	Α	3.000	)	

**Term Totals (Undergraduate)** 

	Attempt Hours		Earned Hours
Current Term:	19.500	19.500	19.500
Cumulative:	73.500	73.500	73.500

# **Unofficial Transcript**

Term: Summer 2016

Major: Robotics Engineering

Subject	Course	e Leve	l Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
IQP	JNL	01	RICS INDUCTION COURSE	Α	9.000	)	
PC	1000	01	PROJECT CENTER - LONDON	AT	0.000	)	

**Term Totals (Undergraduate)** 

	Attempt Hours		Earned Hours	
Current Term:	9.000	9.000	9.000	
Cumulative:	82.500	82.500	82.500	

# **Unofficial Transcript**

Term: Fall 2016

Major: Robotics Engineering

Subject	Course	e Leve	l Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
CS	3733	01	SOFTWARE ENGINEERING	Α	3.000	)	
ECE	2049	01	EMBEDDED COMPUTNG IN ENG DESGN	Α	3.000	)	
ES	2001	01	INTRO TO MATERIAL SCIENCE	В	3.000	)	
ES	2503	01	INTRO TO DYNAMIC SYSTEMS	В	3.000	)	
ES	3001	01	INTRO TO THERMODYNAMICS	Α	3.000	)	
HU	3900	01	INQ SEM:AMERICAN HIST THR FILM	В	3.000	)	

## **Term Totals (Undergraduate)**

	Attempt Hours		
Current Term:	18.000	18.000	18.000
Cumulative	100 500	100 500	100 500

Term: Spring 2017

Major: Robotics Engineering

Subject	Course	e Level	Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
ES	1310	01	INTRO TO COMPU AIDED DESIGN	В	3.000		
ES	3011	01	CONTROL ENGINEERING I	Α	3.000		
ME	3310	01	KINEMATICS OF MECHANISMS	В	3.000		
PE	1012	01	BASKETBALL	Α	0.750		
RBE	3001	01	UNIFD ROBTICS III:MANIPULATION	Α	3.000		
RBE	3002	01	UNIFIED ROBOTICS IV:NAVIGATION	Α	3.000		

**Term Totals (Undergraduate)** 

	Attempt Hours		
Current Term:	15.750	15.750	15.750
Cumulative:	116.250	116.250	116.250

# **Unofficial Transcript**

Term: Fall 2017

Major: Robotics Engineering

Subject	Course	e Leve	I Title	Grade	Credit Hours	Start and End Dates	R CEU Contact Hours
CS	3043	01	SOCIAL IMPL OF INFO PROCESSING	Α	3.000	1	
CS	4241	01	WEBWARE:COMPU TECHN FOR N I S	В	3.000	1	
MQP	MXC	01	NASA RMC 2018 ROBOT	Α	1.500	)	
PE	1012	01	BASKETBALL	Α	0.750	)	

**Term Totals (Undergraduate)** 

	Attempt Hours		
Current Term:	8.250	8.250	8.250
Cumulative:	124.500	124.500	124.500

**Unofficial Transcript** 

## COURSES IN PROGRESS -Top-

Term: Fall 2017

Major: Robotics Engineering

Subject	Course	Leve	I Title	Credit Hours	Start and End Dates
MQP	MXC	01	NASA RMC 2018 ROBOT	3.000	)
PE	1012	01	BASKETBALL	0.750	)
RBE	4815	01	INDUSTRIAL ROBOTICS	3.000	)

# **Unofficial Transcript**

Term: Spring 2018

Majo	or:			Robotics Engineering		
Sub	ject	Course	Level	Title	Credit Hours	Start and End Dates
CS		4341	01	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	3.000	)
MQP	)	MXC	01	NASA RMC 2018 ROBOT	3.000	)
MQP	)	MXC	01	NASA RMC 2018 ROBOT	1.500	)
PΕ		1012	01	BASKETBALL	0.750	)

**RELEASE: 8.7.1** 

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