

# WORCESTER POLYTECHNIC INSTITUTE

WORCESTER, MASSACHUSETTS 01609

DA 703494 D1/P1

NAME: KARDZHALIYSKI, GEORGI VALENTINOV

MAJOR 1: MANAGEMENT INFORMATION  
SYSTEMS

MINOR 1: ECONOMICS

ID: 248 17 7657

PRINT DATE: MAY 13, 2013

ENTRY DATE: AUGUST 27, 2009

DEGREE AWARDED: BACHELOR OF SCIENCE

ADMITTED FROM: MATHEMATICAL HS "K. VELICHKOV"

DEGREE DATE: MAY 11, 2013

ADVISOR: DJAMASBI, S. (MG)

HONORS: WITH DISTINCTION

TRM	COURSE NO.	COURSE OR PROJECT TITLE	UNITS	GRADE	TRM	COURSE NO.	COURSE OR PROJECT TITLE	UNITS	GRADE
A09	CS 1101	INTRO TO PROGRAM DESIGN	1/3	C	B11	HI 2328	HISTORY OF REV IN 20TH CENTURY	1/3	C
A09	ISE 1811	WRITING- NON-NAT'V SPK OF ENGL	1/3	A					
A09	MA 1021	CALCULUS I	1/3	B	S12	CP 1000	COOPERATIVE EDUCATION PROGRAM	-0-	AT
B09	ECON 1120	INTRODUCTORY MACROECONOMICS	1/3	A					
B09	ISE 1812	SPEECH- NON-NAT'V SPK OF ENGL	1/3	A	A12	BUS 4030	ACHVNG STRATEGIC EFFECTIVNS	1/3	A
B09	MA 1022	CALCULUS II	1/3	A	A12	MIS 3720	BUSINESS DATA MANAGEMENT	1/3	C
***	DEAN'S LIST	FALL 2009			A12	MQP SZD	IMPROVING CUSTOMER SERVICE	1/3	A
C10	ECON 2125	DEVELOPMENT ECONOMICS	1/3	B	A12	PE 1011	TOUCH FOOTBALL	1/12	A
C10	MA 2611	APPLIED STATISTICS I	1/3	A	B12	HI 2343	EAST ASIA: CHINA AT THE CTR	1/3	B
C10	PE 1012	BASKETBALL	1/12	A	B12	MQP SZD	IMPROVING CUSTOMER SERVICE	2/3	A
C10	PH 1110	GENERAL PHYSICS-MECHANICS	1/3	C	B12	PE 1002	INTRO TO VOLLEYBALL & SQUASH	1/12	A
D10	ECON 1110	INTRODUCTORY MICROECONOMICS	1/3	C	***	DEAN'S LIST	FALL 2012		
D10	MA 2612	APPLIED STATISTICS II	1/3	B	C13	HU 3900	INQ SEM: URBAN HISTORY	1/3	A
D10	PH 1120	GEN. PHYSICS-ELEC-MAGNET	1/3	C	C13	IQP EVW	YOUNG ADULT HEALTH ENGAGEMENT	1/3	A
D10	WR 2211	ELEMENTS OF WRITING	1/3	A	C13	PE 1016	SQUASH & RACQUETBALL	1/12	A
A10	ACC 1100	FINANCIAL ACCOUNTING	1/3	A	D13	CS 3041	HUMAN-COMPUTER INTERACTN	1/3	A
A10	BUS 1010	LEADERSHIP PRACTICE	1/3	A	D13	IQP EVW	YOUNG ADULT HEALTH ENGAGEMENT	2/3	A
A10	GOV 1303	AMERICAN PUBLIC POLICY	1/3	A	D13	MIS 4720	SYSTEMS ANALYSIS AND DESIGN	1/3	A
B10	BUS 2070	RISK ANALYSIS FOR DEC MAKING	1/3	A	***	DEAN'S LIST	SPRING 2013	1/3	A
B10	CS 2118	OBJ-ORIENT DES CONC FOR BUS AP	1/3	A					
B10	OBC 2300	ORGANIZ SCIENCE - FOUNDATION	1/3	A					
***	DEAN'S LIST	FALL 2010							
C11	BUS 1020	GLOBL ENVIRNM OF DEC MAKING	1/3	B					
C11	BUS 2020	LEGAL ENVRNM OF BUS DECISIONS	1/3	A					
C11	ECON 2120	INTERMEDIATE MACROECONOMICS	1/3	C					
D11	BUS 2080	DATA ANALYSIS FOR DEC MAKING	1/3	B					
D11	GOV 1320	TOPICS IN INT'L POLITICS	1/3	B					
D11	MIS 3740	ORGANIZ APPLIC OF TELECOMMUNIC	1/3	B					
A11	BUS 3020	ACHIEVING EFFECTIVE OPERATIONS	1/3	A					
A11	ECON 2155	EXPERIMENTAL ECONOMICS	1/3	B					
A11	ETR 3910	RECOG & EVAL NEW VENTURE OPPOR	1/3	B					
B11	BUS 3010	CREATING VALUE THRU INNOVATN	1/3	A					
B11	ETR 3920	PLANNG & LAUNCHING NW VENTURES	1/3	B					

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**ISSUED  
TO  
STUDENT**



Heather L. Jackson, University Registrar

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MAJOR QUALIFYING PROJECT DECEMBER 19, 2012 GRADE: A UNITS: 1 ADVISOR: DJAMASBI, S.

IMPROVING CUSTOMER SERVICE

RECOMMENDATIONS WERE MADE TO IMPLEMENT CONTENT AND LAYOUT OPTIMIZATIONS ENABLING PAGES TO DYNAMICALLY ADAPT TO VARYING SCREEN SIZES. A MOBILE WEBSITE DESIGN WITH LOGICAL CONTENT GROUPING, SPACING AND POSITIONING APPEAR TO PROVIDE A MORE INTUITIVE EXPERIENCE AND MAY IMPROVE THE OVERALL USABILITY OF DYN'S CHECKOUT PROCESS. THIS MQP REPORT EXAMINES DYN INC.'S EFFORTS TO ENHANCE MOBILE USABILITY OF THEIR CHECKOUT PROCESS THROUGH THE IMPLEMENTATION OF ADAPTIVE WEB DESIGN. TWO EYE-TRACKING USER EXPERIENCE STUDIES WERE CONDUCTED TO IDENTIFY AND EVALUATE MOBILE-SPECIFIC DRIVERS OF USABILITY. COMPANIES ENGAGING IN E-COMMERCE STAND TO GAIN A SIGNIFICANT COMPETITIVE ADVANTAGE THROUGH WEBSITE OPTIMIZATIONS RESULTING IN INCREASED MOBILE USABILITY.

INTERACTIVE QUALIFYING PROJECT APRIL 26, 2013 GRADE: A UNITS: 1 ADVISOR: WILSON, E. V.

MEASURING YOUNG ADULT HEALTH ENGAGEMENT

THERE IS A MOVEMENT TAKING OFF CALLING FOR GREATER PATIENT ENGAGEMENT TO MOTIVATE PATIENTS TO BE MORE INVOLVED IN THEIR OWN HEALTHCARE PREVENTION AND TREATMENT, IN ORDER TO PROVIDE MORE EFFECTIVE MEDICAL CARE. THOUGH THIS INTERACTIVE QUALIFYING PROJECT, WE AIDED IN THIS EFFORT AND TESTED A NEW HEALTH ENGAGEMENT MODEL BY CREATING AND ADMINISTERING AN ONLINE SURVEY. THE MODEL CONSISTS OF THREE AREAS: COGNITIVE ENGAGEMENT, BEHAVIORAL ENGAGEMENT, AND HEALTHCARE ENGAGEMENT. WE APPLIED THIS MODEL AND DESIGNED A SURVEY TO MEASURE THE HEALTH ENGAGEMENT OF YOUNG ADULTS, AGE 18-25. MEASUREMENT ITEMS INCLUDED DIET, EXERCISE, MENTAL HEALTH, GENERAL HEALTH, AND VACCINATIONS. WE ALSO COLLECTED DEMOGRAPHIC INFORMATION FROM EACH OF THE SURVEYED STUDENTS.





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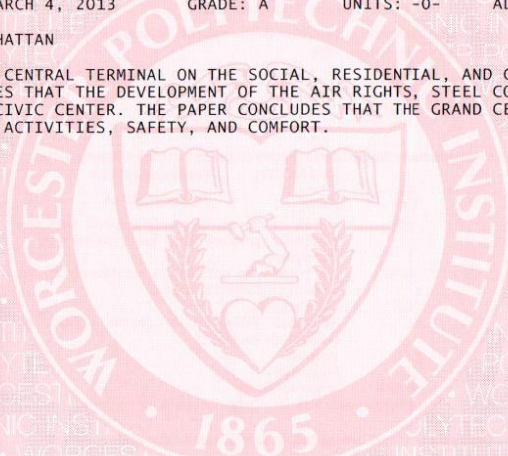
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SUFFICIENCY MARCH 4, 2013 GRADE: A UNITS: -0- ADVISOR: RUDOLPH, J.

GRAND CENTRAL TERMINAL'S INFLUENCE ON MANHATTAN

THIS PAPER STUDIES THE INFLUENCE OF GRAND CENTRAL TERMINAL ON THE SOCIAL, RESIDENTIAL, AND COMMERCIAL STRUCTURE IN MIDTOWN MANHATTAN BETWEEN 1913 AND 1930S. THE RESEARCH ARGUES THAT THE DEVELOPMENT OF THE AIR RIGHTS, STEEL CONSTRUCTION, ELECTRIFICATION, AND REAL ESTATE MODERNIZED AN URBAN DESERT INTO A CIVIC CENTER. THE PAPER CONCLUDES THAT THE GRAND CENTRAL TERMINAL AREA HAD BECOME A PLACE NOT ONLY FOR TRAVEL, BUT ALSO FOR LEISURE ACTIVITIES, SAFETY, AND COMFORT.



*Heather L. Jackson*

Heather L. Jackson, University Registrar

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## ACCREDITATION

RELEASE OF INFORMATION

### CALENDAR AND ACADEMIC LOAD

### DEGREE REQUIREMENTS – UNDERGRADUATE PROGRAM

**Physical Education:** Students must complete 1/3 unit course work in physical education.

### GRADES AND CREDIT

Credit is awarded on the basis of units per term, with 1/3 unit given for the equivalent of one three-semester hour course. In a seven-week term a student normally enrolls for one unit (equivalent to three courses) of academic work requiring about 50 hours of class and preparation per week.

1. Courses: 1/3 unit per course.
2. Independent study and projects: 1/6 unit minimum for literature search or write-up, and normally a minimum of 1/3 unit, extending up to a full unit, for full-time work in a specific project during a term.
3. Physical Education: 1/12 unit per course.

1/3 unit	=	3 credit hours
1/6 unit	=	1.5 credit hours
1/9 unit	=	1 credit hour
1/12 unit	=	.75 credit hour

A	(or AD/DIST)	Distinguished Work
B		
C	(or AC)	Acceptable Work
SP		interim grade for qualifying projects indicating
		satisfactory progress during the respective term
		incomplete
NAC		the student did not perform satisfactorily on the
		project or independent study
CR		transfer credit
L		Advanced Placement or course waived, no
		substitution required
AT		attended
S		satisfactory
7 or Q		grade not on file
		Unacceptable work in regular courses is not recorded.

## TRANSFER CREDIT

### ADVANCE PLACEMENT

### ACADEMIC HONORS

Graduation with Distinction: An A in all four of the following: MQP, IQP, Humanities and Arts Requirement, four units of work registered at WPI  
OR two of the three MQP, IQP, Inquiry/Seminar/Practicum, and six units of work.

Graduation with High Distinction: An A or AD/DIST grade on any four of the following: MQP, IQP, Sufficiency/Seminar/Practicum, six units of WPI course work or independent study. Competency Examination.

Graduation with Distinction: An A or AD/DIST on any three of the above.

For students graduating before May 1986, graduation honors are determined as follows:

Graduation with High Distinction: For students who received a grade of AD/DIST in both qualifying projects, Sufficiency, and Competency Examination.

**Graduation with Distinction:** For students who received a grade of AD/DIST in any three of the above.

Office of the Registrar  
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